

SELF ASSESSMENT REPORT (SAR)

2022-25

**FOR THIRD TIME ACCREDITATION OF
UNDERGRADUATE PHARMACY PROGRAM**

Submitted to



Submitted by



**Columbia Institute of Pharmacy,
Village – Tekari, Near Vidhan sabha,
Raipur – 493111**

Criteria No.	Criteria	Page No.
Institute Information		1-7
Program Level Criteria		
1.	Vision, Mission and Program Educational Objectives	8-16
2.	Program Curriculum and Teaching-Learning Process	17-142
3.	Course Outcomes and Program Outcomes	143-180
4.	Students' Performance	181-199
5.	Faculty Information and Contributions	200-262
6.	Facilities	263-295
7.	Continuous Improvement	296-305
Institute Level Criteria		
8.	Student Support Systems	306-415
9.	Governance, Institutional Support and Financial Resources	416-483

PART A: Institutional Information
1. Name and address of the institution:

Name:	Columbia Institute of Pharmacy,	
Address:	Village – Tekari, Near Vidhan sabha, Raipur - 493111	
City: Raipur	Pin: 493 111	State: CHHATTISGARH
Website: www.columbiaiop.ac.in		

2. Name and address of the Affiliating University:

Name:	Chhattisgarh Swami Vivekanand Technical University,	
Address:	Newai, P.O.-Newai, District-Durg, Chhattisgarh, PIN 491107	
City: Bhilai	Pin: 491107	State: CHHATTISGARH
Website: www.csvtu.ac.in		

3. Year of Establishment of the Institute:

Name of the Institution	Year of Establishment
Columbia Institute of Pharmacy	2006

4. Type of the Institution:

University	<input type="checkbox"/>
Deemed University	<input type="checkbox"/>
Autonomous	<input type="checkbox"/>
Affiliated	<input checked="" type="checkbox"/>
Any Other (Please Specify)	<input type="checkbox"/>

5. Ownership Status:

Central Government	<input type="checkbox"/>
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State Government	<input type="checkbox"/>
Grant-in-Aid	<input type="checkbox"/>
Self financing	<input checked="" type="checkbox"/>
Trust	<input type="checkbox"/>
Society	<input checked="" type="checkbox"/>
Section 25 Company	<input type="checkbox"/>
Any other(please specify)	<input type="checkbox"/>

Provide Details:

Janpragati Education Society, Raipur

Registration No. 3198 dated 19.11.2003

6. Other Academic Institutions of the Trust/Society/etc., if any:

Name of the Institution	Year of Establishment	Programs of Study	Location
Columbia College of Pharmacy	2004	D. Pharm, B. Pharm	Raipur , C.G.
Columbia Institute of Engineering & Technology	2008	Bachelor of Engineering	Raipur , C.G.
Columbia College of Nursing	2012	Bachelor of Nursing	Raipur , C.G.
Columbia College of Education	2013	Bachelor of Education	Raipur , C.G.
Columbia College of Science and Commerce	2021	B.Sc. (Comp. Sc.) B. Com., BBA,PGDCA	Raipur , C.G.

7. Details of all the programs being offered by the Institution under consideration:

S. No.	Name of Program	Program Applied level	Start of year	Year of AICTE approval	Initial Intake	Intake Increase	Current Intake	Accreditation status	From	To	Program for consideration	Program Duration
1.	Pharmacy	UG	2006	2006	60	Yes	100	Granted accreditation for 3 years for the period (specify period)	2022	2025	Yes	4
2.	Pharmaceutics	PG	2010	2010	15	No	15	Eligible but not applied	--	--	No	2
3.	Pharmacology	PG	2010	2010	15	No	15	Eligible but not applied	--	--	No	2
4.	Pharmaceutical Quality Assurance	PG	2017	2017	15	No	15	Eligible but not applied	--	--	No	2
5.	Phytopharmacy and Phytomedicine	PG	2021	2021	15	No	15	Eligible but not applied	--	--	No	2
6.	D. Pharmacy	Diploma	2019	2019	60	No	60	Eligible but not applied	--	--	No	2

8. Programs to be considered for Accreditation vide this application:

S. No.	Level	Discipline	Program
1.	Under Graduate	Pharmacy	Pharmacy

9. Total number of employees:

A. Regular* Faculty and Staff:

Items	CAY 2024-25		CAYm1 2023-24		CAYm2 2022-23	
	Min	Max	Min	Max	Min	Max
Non-teaching staff (Male)	18	21	18	21	18	19
Non-teaching staff (Female)	10	10	10	10	10	11
Faculty in	16	18	16	20	16	20

Pharmacy (Male)						
Faculty in Pharmacy (Female)	16	19	16	19	16	20
Faculty in Science & Humanities (Male)	02	02	02	02	02	02
Faculty in Science & Humanities (Female)	00	00	00	00	00	00

B. Contractual Staff (Not covered in Table A):

Items	CAY 2024-25		CAYm1 2023-24		CAYm2 2022-23	
	Min	Max	Min	Max	Min	Max
Faculty in Pharmacy (Male)	0	0	0	0	0	0
Faculty in Pharmacy (Female)	0	0	0	0	0	0
Faculty in Science & Humanities (Male)	0	0	0	0	0	0
Faculty in Science & Humanities (Female)	0	0	0	0	0	0
Non-teaching staff (Male)	0	0	0	0	0	0
Non-teaching staff (Female)	0	0	0	0	0	0

10. Total number of Pharmacy students:

UG	√	Shift1	Shift2
PG	√	Shift1	Shift2
Diploma	√	Shift1	Shift2

UG Shift-1

Total number of Pharmacy students	CAY 2024-25	CAYm1 2023-24	CAYm2 2022-23
------------------------------------------	------------------------	--------------------------	--------------------------

Total No. of Boys	225	231	247
Total No. of Girls	139	145	140
Total	364	376	387

PG Shift-1

Total number of Pharmacy students	CAY 2024-25	CAYm1 2023-24	CAYm2 2022-23
Total No. of Boys	46	59	59
Total No. of Girls	50	39	27
Total	96	98	86

Diploma Shift-1

Total number of Pharmacy students	CAY 2024-25	CAYm1 2023-24	CAYm2 2022-23
Total No. of Boys	26	39	30
Total No. of Girls	22	19	19
Total	48	58	49

11. Vision of the Institution:
Vision :

Carve an institution with unparallel achievements in pharmacy education.

12. Mission of the Institution:
Mission:

- Enrich the lives of people locally and globally by nurturing such pharmacists who will be leaders in pharmacy practice and drug discovery.
- Train our students to become entrepreneurs and job creators.
- Develop innovation skills and lifelong learning to accept the challenges of ever changing health care needs.

13. Contact Information of the Head of the Institution and NBA coordinator, if designated:

Head of the Institution

Name: Prof. Ravindra Kumar Pandey
Designation: Principal & Professor
Mobile No: 9826229321
Email id: ravindraiop@gmail.com

NBA coordinator

Name: Prof. Shiv Shankar Shukla
Designation: Professor
Mobile No: 9826124442
Email id: shivpharma007@gmail.com

PART B: Criteria Summary

Name of the program: Bachelor of Pharmacy (B. Pharm.)

Criteria No.	Criteria	Total Marks	Institute Marks
Program Level Criteria			
1	Vision, Mission And Program Educational Objectives	50	50.00
2	Program Curriculum And Teaching - Learning Processes	150	150.00
3	Course Outcomes (Cos) And Program Outcomes (Pos)	100	100.00
4	Students' Performance	180	140.76
5	Faculty Information And Contributions	175	147.93
6	Facilities	120	130.00
7	Continuous Improvement	75	63.98
Institute Level Criteria			
8	Student Support Systems	50	47.00
9	Governance, Institutional Support And Financial Resources	100	100.00
Total		1000	928.91

CRITERION 1: VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES**1. Vision, Mission and Program Educational Objectives (50)****Institute Marks (5)**

(Vision statement typically indicates aspirations and Mission statement states the broad approach to achieve aspirations.)

1.1 State the Vision and Mission (5)**VISION**

Carve an institution with unparalleled achievements in pharmacy education.

MISSION

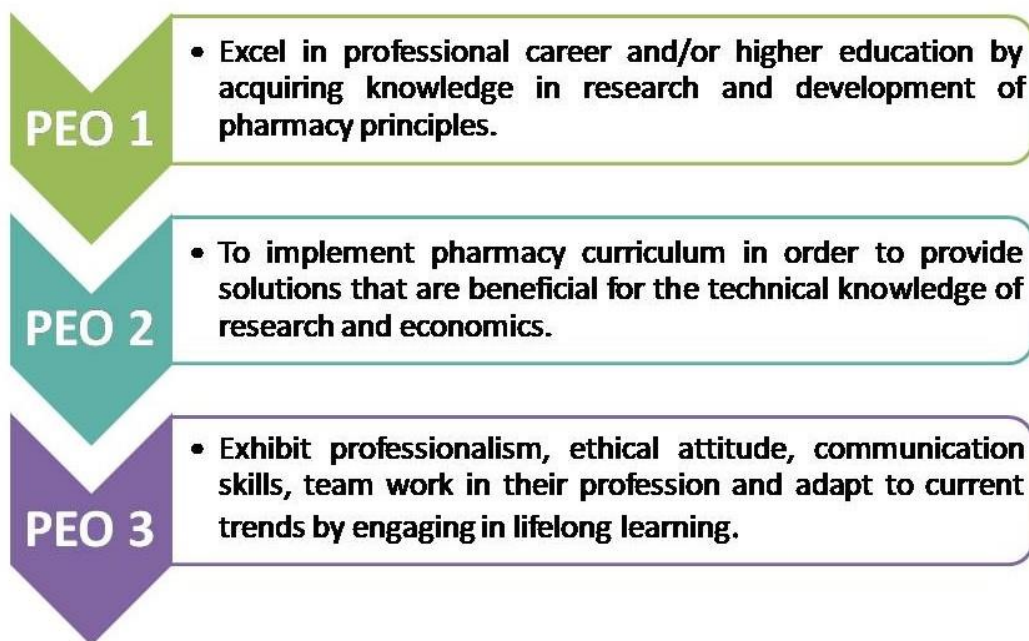
- Enrich the lives of people locally and globally by nurturing such pharmacists who will be leaders in pharmacy practice and drug discovery.
- Train our students to become entrepreneurs and job creators.
- Develop innovation skills and lifelong learning to accept the challenges of ever changing health care needs.

Vision of the Department	Carve an institution with unparalleled achievements in pharmacy education.	
Mission of the Department	Mission No.	Mission Statements
	M1	Enrich the lives of people locally and globally by nurturing such pharmacists who will be leaders in pharmacy practice and drug discovery.
	M2	Train our students to become entrepreneurs and job creators.
	M3	Develop innovation skills and lifelong learning to accept the challenges of ever changing health care needs.

1.2 State the Program Educational Objectives (PEOs) (5)**Institute Marks (5)**

(State the Program Educational Objectives (3 to 5) of the program seeking accreditation)

Program Educational Objectives of the UG in Pharmacy are:

**1.3 Indicate where and how the Vision, Mission and PEOs are published and disseminated among stakeholders. (15)****Institute Marks (15)**

(Describe where (websites, curricula, posters etc.) the Vision, Mission and PEOs are published and detail the process which ensures awareness among internal and external stakeholders with effective process implementation)

(Internal stakeholders may include Management, Governing Board Members, faculty, support staff, students etc. and external stakeholders may include employers, industry, alumni, funding agencies, etc.)

How these are communicated to the students, teachers, staff and other stakeholders -

The vision and mission statements are communicated to students, faculty members and other stakeholders through the Brochures, Institute prospectus, Institute website, News letter and display boards in the Institute campus.

We are promoting our vision and mission and also our approach to accomplish them in every opportunity like students meets, parents meets, seminars, workshops and such other platforms.

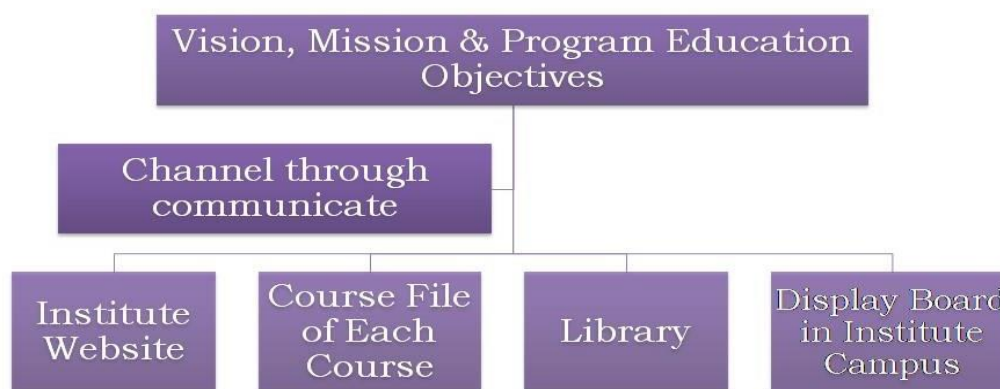


Fig. 1 Channel through Vision and Mission Communicate to teachers, staff, students & other stakeholders

B. Process for dissemination among stake holders

List of Stakeholders:

Internal:

Students: Notice board, Libray corridor

Faculty: Course file

Management: Individual copy of Vision and Mission was handed over

External:

Parents: Parents-teacher meeting

Alumni: Alumni meet/institute website

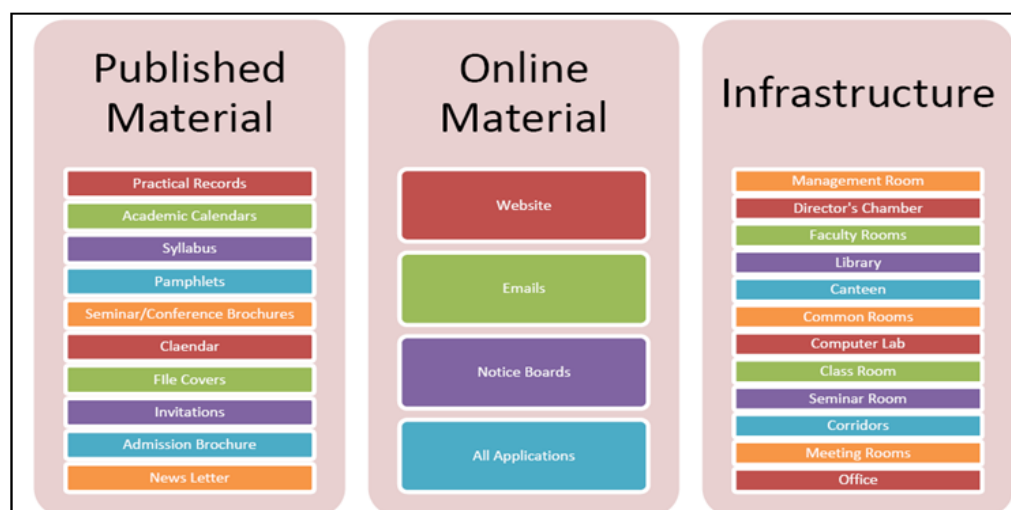
Industry/employer: Institute Website

Directorate of Technical Education, C.G.: Institute Website

AICTE:Institute Website

Pharmacy Council of India: Institute Website

NBA: SAR/ Institute Website





Class room

Corridor



Pharmaceutical Chemistry Lab

Computer Room



1.4 State the process for defining the Vision & Mission and PEOs the program (10)
Institute Marks (10)

(Articulate the process for defining the Vision, Mission and PEOs of the program)

Process for defining Vision and Mission:

The Vision and Mission are established through a consultation process involving the core constituents such as: Students, Alumni, Faculty and Employer. The Vision, Mission are established through the following process steps:

Step 1: The feedback is taken from all stakeholders.

Step 2: Program Assessment Committee collects the views and forward all the views (Feedback forms) to the Institutional Development and Monitoring Committee (IDMC).

Step 3: IDMC expresses its opinion on the views and formulates the accepted views based on which Vision and Mission are to be established and forwards the same to the governing body of the institute.

Step 4: Governing body of the Institute accepts the Vision and Mission if they satisfied from the Vision and Mission and they approved it.

Figure 2 illustrates the process for establishing Vision and Mission

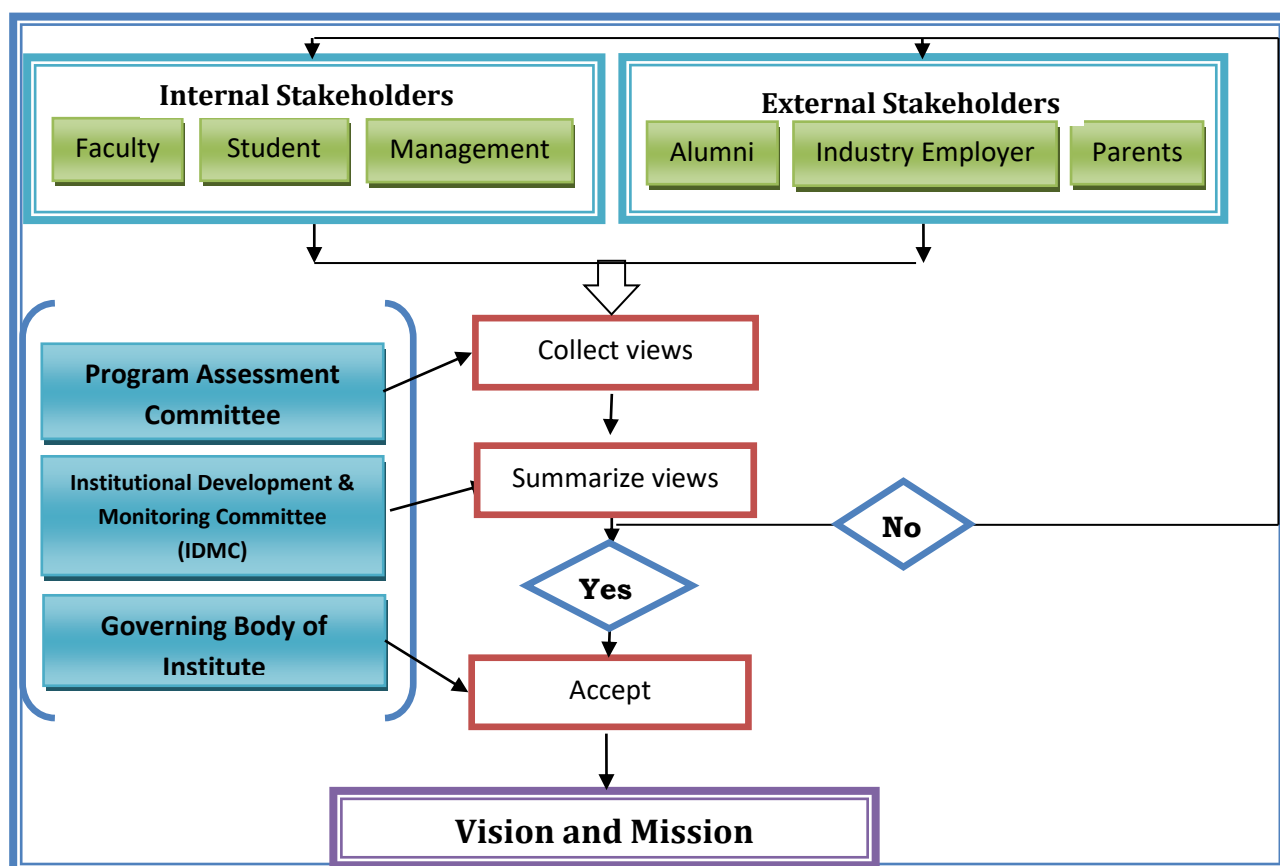


Figure 2: Process for establishing & implementation of Vision & Mission

Process for defining PEOs:

The Program Educational Objectives are established through a consultation process involving the core constituents such as: Students, Alumni, Faculty and Employer. The PEOs are established through the following process steps:

Step 1: Vision and Mission of the institute are taken as a basis to interact with various stake holders and graduate attributes defined by NBA are also kept in view.

Step 2: Program Assessment Committee consults the key constituents and collects their views and submits the views to Institutional Development and Monitoring Committee (IDMC).

Step 3: IDMC summarizes the collected views, expresses its opinion on the views, formulates and deliberates the accepted views on which establish the PEO.

Step 4: IDMC forwards the deliberated PEOs to the Governing body of the Institute (GOI) for the final approval. GOI approves it after it is satisfied.

Figure 3 illustrates the process for establishing PEOs.

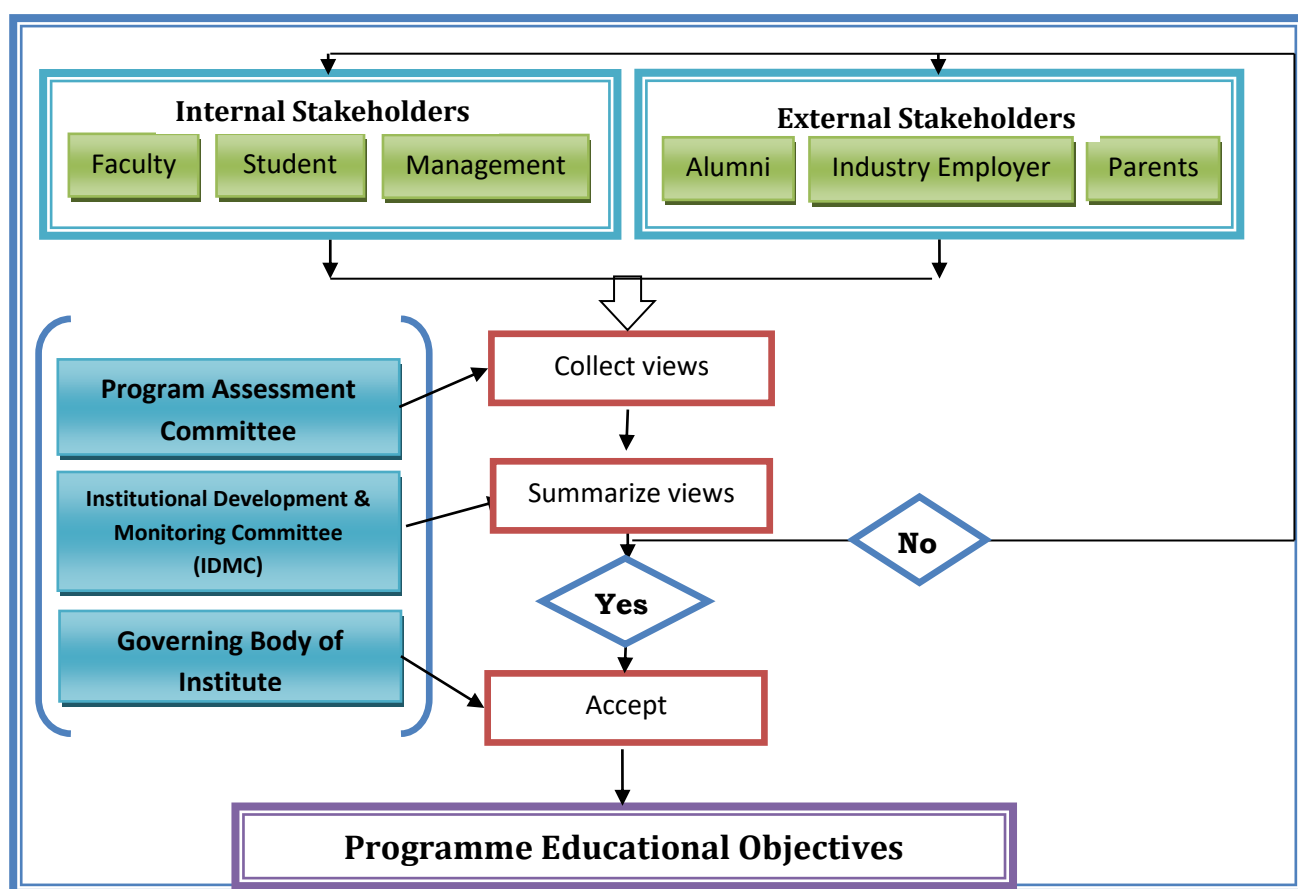


Figure 3: Process for establishing & implementation of PEOs



COLUMBIA INSTITUTE OF PHARMACY

(Affiliated to CSVTU, Bilai)

Approved by AICTE (New Delhi)

Near Vidhansabha, Village – Tekari, Raipur (C.G.) Website – www.columbiaiop.ac.in
Ph. No. – 07721-266302/303, 0771-6456853 E-mail – cipraipur@gmail.com

FEEDBACK FORM FOR THE IMPLEMENTATION OF VISION, MISSION & PEOs FROM STAKEHOLDERS

Note: This questionnaire has been designed by Columbia Institute of Pharmacy to seek a feedback from the stakeholders to strengthen the quality of Vision, Mission and Program Educational Objective of the Institute.

Name of Stakeholder:

Profession: Management/Industrialist/Faculty/Alumni/Student

Vision-

Carve an institution with unparallel achievements in pharmacy education.

Mission-

- Enrich the lives of people locally and globally by nurturing such pharmacists who will be leaders in pharmacy practice and drug discovery.
- Train our students to become entrepreneurs and job creators.
- Develop innovation skills and lifelong learning to accept the challenges of ever changing health care needs.

Program Educational Objectives of the UG in Pharmacy are:

PEO 1. Excel in professional career and/or higher education by acquiring knowledge in research and development of pharmacy principles.

PEO 2. To implement pharmacy curriculum in order to provide solution that are beneficial for the technical knowledge of research and economics.

PEO 3. Exhibit professionalism, ethical attitude, communication skills, team work in their profession and adapt to current trends by engaging in lifelong learning.

Respected Sir, do you feel:

1. Whether the current statements of vision, mission and PEOs is as per current need. Yes ☐ NO ☐
2. Whether the institute is moving towards right path as per vision & mission statement. Yes ☐ NO ☐
3. Do you want to suggest changes in
 - a) Mission statement Yes ☐ NO ☐
If yes, give suggestion here:
 - b) PEOs statement Yes ☐ NO ☐
If yes, give suggestion here:

Date:.

Signature

1.5 Establish consistency of PEOs with Mission of the Institute (15)**Institute Marks (15)**

(Generate a “Mission of the Institute – PEOs matrix” with justification and rationale of the mapping)

The PEOs are consistent with the mission of the Institute, which can be tested by mapping, for obtaining the evidence. The PEOs should reflect the expected accomplishments of the graduates, a few years after their graduation. These objectives are consistent with the CIP mission statement, as is evident from the statements below.

Mission of the Institute: Matrix survey of Alumni

PEO Statements	M1	M2	M3
PEO 1. Excel in professional career and/or higher education by acquiring knowledge in research and development of pharmacy principles.	3	3	3
PEO 2. To implement pharmacy curriculum in order to provide solutions that are beneficial for the technical knowledge of research and economics.	3	3	3
PEO 3. Exhibit professionalism, ethical attitude, communication skills, team work in their profession and adapt to current trends by engaging in lifelong learning.	3	3	3

CRITERION 1: VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES

Sl. No.	Assessment Parameters	Marks	
		Prescribed	Institute
1.1	State the Vision and Mission	5	5
1.2	State the Program Educational Objectives (PEOs)	5	5
1.3	Indicate where and how the Vision, Mission and PEOs are published and disseminated among stakeholders.	15	15
1.4	State the process for defining the Vision & Mission and PEOs the program	10	10
1.5	Establish consistency of PEOs with Mission of the Institute	15	15
TOTAL		50	50
Percentage			100%

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

2. Program Curriculum and Teaching-Learning Program (150)

2.1 Program Curriculum (40)

Institute Marks (40)

2.1.1 Delivery of Syllabus Contents and compliance of the curriculum for attainment of POs (10)

Institute Marks (10)

(State the contents of the syllabus; about the course/learning material/content/laboratory experiments/projects etc. also mention identified curriculum gaps, if any)

Note: In case all POs are being demonstrably met through University Curriculum then 2.1.2 will not be applicable and the weightage of 2.1.1 will be 30.

Our Institute is affiliated to the Chhattisgarh Swami Vivekanand Technical University, Bhilai. Following the norms and directives of the Pharmacy Council of India, New Delhi, the institute adheres to the curriculum for the theoretical course and laboratory experiments of the D. Pharmacy, B. Pharmacy, and M. Pharmacy programs that are defined by the university. The PCI curriculum, which is an outcome-based education system and choice-based credit system (CBCS), was implemented by the institute and aids in the achievement of POs.

In order to maintain consistency with the pre-established COs of PCI, the courses are set up for examination. This is a step to guarantee cognitive skill progress.

The period of time and grades for internal and external theory and practical exams are specified in the teaching and examination systems. Each course CO is connected to the internal tools. Following internal examination, the attainment of COs using internal techniques is computed. If necessary, the CO attainment is used to implement corrective measures in the teaching-learning process. Program outcome attainments are determined following the completion of each semester's course attainments. Every course is evaluated in relation to the NBAs POs.

PROGRAM OUTCOMES

Pharmacy Knowledge: Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.

Planning Abilities: Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.

Problem analysis: Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.

Modern tool usage: Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.

Leadership skills: Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and wellbeing.

Professional Identity: Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).

Pharmaceutical Ethics: Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.

Communication: Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.

The Pharmacist and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.

Environment and sustainability: Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.

2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 1.

Content of Syllabus

The B. Pharmacy Program comprises of 41 theory courses (with two Elective Subjects), 25 practical courses and 02 Projects. Evaluation includes both Continuous mode, internal and external assessments; 25% and 75% weightage given to the internal and external assessments. Performance of students assessed by Semester Grade Point Average (SGPA). At the end of program Cumulative Grade Point Average (CGPA) is calculated, considering SGPA's of all the semesters.

Institute is following the below course structure for B. Pharmacy Program

B.Pharmacy Semester-01

| Course Code | Course Name | Theory
(Hrs/Week) | Tutorials
(Hrs/Week) | Practical
(Hrs/Week) |
|--------------------|--------------------------------------------|------------------------------|---------------------------------|---------------------------------|
| BP101T | Human Anatomy and Physiology I–Theory | 03 | 01 | - |
| BP102T | Pharmaceutical Analysis I – Theory | 03 | 01 | - |
| BP103T | Pharmaceutics I – Theory | 03 | 01 | - |
| BP104T | Pharmaceutical Inorganic Chemistry –Theory | 03 | 01 | - |
| BP105T | Communication skills – Theory | 02 | | - |
| BP106RBT | Remedial Biology/ | 02 | | - |
| BP106RMT | Remedial Mathematics | 02 | | - |
| BP107P | Human Anatomy and Physiology –Practical | - | | 04 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | |
|-----------------|------------------------------------------------|---|--|----|
| BP108P | Pharmaceutical Analysis – Practical | - | | 04 |
| BP109P | Pharmaceutics I – Practical | - | | 04 |
| BP110P | Pharmaceutical Inorganic Chemistry – Practical | - | | 04 |
| BP111P | Communication skills – Practical* | - | | 02 |
| BP112RBP | Remedial Biology – Practical* | - | | 02 |

B.Pharmacy Semester-02

| Course Code | Course Name | Theory (Hrs/Week) | Tutorials (Hrs/Week) | Practical (Hrs/Week) |
|---------------|------------------------------------------------|-------------------|----------------------|----------------------|
| BP201T | Human Anatomy and Physiology II – Theory | 03 | 01 | - |
| BP202T | Pharmaceutical Organic Chemistry I – Theory | 03 | 01 | - |
| BP203T | Biochemistry – Theory | 03 | 01 | - |
| BP204T | Pathophysiology – Theory | 03 | 01 | - |
| BP205T | Computer Applications in Pharmacy – Theory * | 02 | - | - |
| BP206T | Environmental sciences – Theory * | 02 | - | - |
| BP207P | Human Anatomy and Physiology II –Practical | - | - | 04 |
| BP208P | Pharmaceutical Organic Chemistry I– Practical | - | - | 04 |
| BP209P | Biochemistry – Practical | - | - | 04 |
| BP210P | Computer Applications in Pharmacy – Practical* | - | - | 02 |

B.Pharmacy Semester-03

| Course Code | Course Name | Theory (Hrs/Week) | Tutorials (Hrs/Week) | Practical (Hrs/Week) |
|---------------|------------------------------------------------|-------------------|----------------------|----------------------|
| BP301T | Pharmaceutical Organic Chemistry II –Theory | 03 | 01 | - |
| BP302T | Physical Pharmaceutics I – Theory | 03 | 01 | - |
| BP303T | Pharmaceutical Microbiology –Theory | 03 | 01 | - |
| BP304T | Pharmaceutical Engineering – Theory | 03 | 01 | - |
| BP305P | Pharmaceutical Organic Chemistry II –Practical | - | - | 04 |
| BP306P | Physical Pharmaceutics I – Practical | - | - | 04 |
| BP307P | Pharmaceutical Microbiology –Practical | - | - | 04 |
| BP308P | Pharmaceutical Engineering – Practical | - | - | 04 |

B.Pharmacy Semester-04

| Course Code | Course Name | Theory (Hrs/Week) | Tutorials (Hrs/Week) | Practical (Hrs/Week) |
|-------------|---------------------------------------------|-------------------|----------------------|----------------------|
| BP401T | Pharmaceutical Organic Chemistry III–Theory | 03 | 01 | - |
| BP402T | Medicinal Chemistry I – Theory | 03 | 01 | - |
| BP403T | Physical Pharmaceutics II – Theory | 03 | 01 | - |
| BP404T | Pharmacology I – Theory | 03 | 01 | - |
| BP405T | Pharmacognosy I – Theory | 03 | 01 | - |
| BP406P | Medicinal Chemistry I – Practical | - | - | 04 |
| BP407P | Physical Pharmaceutics II – Practical | - | - | 04 |
| BP408P | Pharmacology I – Practical | - | - | 04 |
| BP409P | Pharmacognosy I – Practical | - | - | 04 |

B.Pharmacy Semester-05

| Course Code | Course Name | Theory (Hrs/Week) | Tutorials (Hrs/Week) | Practical (Hrs/Week) |
|-------------|---------------------------------------|-------------------|----------------------|----------------------|
| BP501T | Medicinal Chemistry II – Theory | 03 | 01 | - |
| BP502T | Formulative Pharmacy– Theory | 03 | 01 | - |
| BP503T | Pharmacology II – Theory | 03 | 01 | - |
| BP504T | Pharmacognosy II – Theory | 03 | 01 | - |
| BP505T | Pharmaceutical Jurisprudence – Theory | 03 | 01 | - |
| BP506P | Formulative Pharmacy – Practical | - | - | 04 |
| BP507P | Pharmacology II – Practical | - | - | 04 |
| BP508P | Pharmacognosy II – Practical | - | - | 04 |

B.Pharmacy Semester-06

| Course Code | Course Name | Theory (Hrs/Week) | Tutorials (Hrs/Week) | Practical (Hrs/Week) |
|-------------|-----------------------------------------------|-------------------|----------------------|----------------------|
| BP601T | Medicinal Chemistry III – Theory | 03 | 01 | - |
| BP602T | Pharmacology III – Theory | 03 | 01 | - |
| BP603T | Herbal Drug Technology – Theory | 03 | 01 | - |
| BP604T | Biopharmaceutics and Pharmacokinetics –Theory | 03 | 01 | - |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | |
|---------------|--------------------------------------|----|----|----|
| BP605T | Pharmaceutical Biotechnology– Theory | 03 | 01 | - |
| BP606T | Quality Assurance– Theory | 03 | 01 | - |
| BP607P | Medicinal chemistry III – Practical | - | - | 04 |
| BP608P | Pharmacology III – Practical | - | - | 04 |
| BP609P | Herbal Drug Technology – Practical | - | - | 04 |

B.Pharmacy Semester–07

| Course Code | Course Name | Theory (Hrs/Week) | Tutorials (Hrs/Week) | Practical (Hrs/Week) |
|----------------|---------------------------------------------|-------------------|----------------------|----------------------|
| BP701T | Instrumental Methods of Analysis – Theory | 03 | 01 | - |
| BP702T | Industrial Pharmacy – Theory | 03 | 01 | - |
| BP703T | Pharmacy Practice – Theory | 03 | 01 | - |
| BP704T | Novel Drug Delivery System – Theory | 03 | 01 | - |
| BP705P | Instrumental Methods of Analysis –Practical | - | - | 04 |
| BP706PS | Practice School* | - | - | 12 |

B. Pharmacy Semester–08

| Course Code | Course Name | Theory (Hrs/Week) | Tutorials (Hrs/Week) | Practical (Hrs/Week) |
|-----------------|---------------------------------------------------------|-------------------|----------------------|----------------------|
| BP801T | Biostatistics and Research Methodology –Theory | 03 | 01 | - |
| BP802T | Social and Preventive Pharmacy – Theory | 03 | 01 | - |
| BP803 ET | Pharmaceutical Marketing – Theory | 03+01
03+01 | | - |
| BP804ET | Pharmaceutical Regulatory Science –Theory | | | |
| BP805ET | Pharmacovigilance – Theory | | | |
| BP806ET | Quality Control and Standardizations ofHerbals – Theory | | | |
| BP807ET | Computer Aided Drug Design – Theory | | | |
| BP808ET | Cell and Molecular Biology – Theory | | | |
| BP809ET | Cosmetic Science – Theory | | | |
| BP810ET | Experimental Pharmacology – Theory | | | |
| BP811ET | Advanced Instrumentation Techniques –Theory | | | |
| BP812PW | Project Work | - | - | 12 |

* Non University Examination

Scheme for Internal Assessment for Theory 25 Marks

| Type of Question | No. of Question Given | No. of Question to Be answered | Marks for each Question | Total Marks |
|-------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------|-------------------------|-------------|
| Objective type or One line questions | 10 | 05 | 01 | 10 |
| Long questions | 02 | 01 | 10 | 10 |
| Short Answers | 03 | 02 | 05 | 10 |
| Total marks for Internal assessment (Theory) | | | | 30 |
| <i>Exam conducted for 30 marks shall be computed for 15marks and added with 10 marks of Continuous mode</i> | | | | |

Scheme for Internal Assessment for Practical's 15 Marks

| Type of Question | No. of Question Given | No. of Question to Be answered | Marks for each Question | Total Marks |
|----------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------|-------------------------|-------------|
| Synopsis | 05 | 05 | 02 | 10 |
| Experiment | 02
(Major+Minor) | 02
(Major+Minor) | 15+10 | 25 |
| Viva-Voce | - | - | 05 | 05 |
| Total marks for Internal assessment (Practical) | | | | 40 |
| <i>Exam conducted for 40 marks shall be computed for 10 marks added with 05 marks of Continuous mode</i> | | | | |

Scheme for External Assessment for Theory 75 Marks

| Type of Question | No. of Question Given | No. of Question to Be answered | Marks for each Question | Total Marks |
|--------------------------------------|-----------------------|--------------------------------|-------------------------|-------------|
| Objective type or One line questions | 20/10 | 20/10 | 01/02 | 20 |
| Long questions | 03 | 02 | 10 | 20 |
| Short | 09 | 07 | 05 | 35 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | |
|-----------------------------------------------------|--|--|--|-----------|
| questions | | | | |
| Total marks for external assessment (Theory) | | | | 75 |

Scheme for External Assessment for Practical's 35 Marks

| Type of Question | No. of Question Given | No. of Question to Be answered | Marks for each Question | Total Marks |
|--------------------------------------------------------|-----------------------|--------------------------------|-------------------------|-------------|
| Synopsis | 05 | 05 | 01 | 05 |
| Experiment | 02
(Major+Minor) | 02
(Major+Minor) | 15+10 | 25 |
| Viva-Voce | - | - | 05 | 05 |
| Total marks for External assessment (Practical) | | | | 35 |

Scheme for Continuous Mode for Internal Assessment for Theory 10/05 Marks

| Criteria | Maximum Marks | |
|--------------------------------------------------------------|---------------|------|
| Attendance | 4 | 2* |
| Academic Activities (Average of any three activities) | 3 | 1.5* |
| Student Teacher Interaction | 3 | 1.5* |
| Total marks for continuous mode for Theory | 10 | 5* |

* Non University Exam

Scheme for Continuous Mode for Internal Assessment Practical 05 Marks

| Criteria | Maximum Marks |
|----------------------------------------------------------|---------------|
| Attendance | 02 |
| Practical Record | 02 |
| Regular Viva-Voce | 01 |
| T Total marks for continuous mode for Practical's | 05 |

Guidelines for the allotment of marks for Attendance

| Percentage of Attendance | Theory | Practical |
|--------------------------|--------|-----------|
|--------------------------|--------|-----------|

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | |
|---------------------|----|-----|
| 85-100 | 02 | 02 |
| 75-84 | 01 | 1.5 |
| Less than 75 | 00 | 00 |

Class: B. Pharmacy I Semester**Subject: HAP – I (Lab)****Subject code: BP107P**

| S.No. | List of Experiment |
|--------------|--------------------------------------------------------------------------|
| 1. | Study of Microscope |
| 2. | Microscopic study of epithelial and connective tissue |
| 3. | Microscopic Study of Muscular and nervous tissue |
| 4. | Identification of axial bone |
| 5. | Identification of appendicular bone |
| 6. | To study the integumentary and special senses using specimen, model etc. |
| 7. | To study the nervous system using specimen, model etc. |
| 8. | To study the endocrine system using specimen, model, etc. |
| 9. | To demonstrate the general neurological examination, |
| 10. | To demonstrate the function of olfactory nerve. |
| 11. | To examine the different types of taste. |
| 12. | To demonstrate the visual activity |
| 13. | To demonstrate the reflex activity |
| 14. | Recording of body temperature |
| 15. | To demonstrate positive and negative feedback mechanism |
| 16. | To determine the Bleeding time. (Beyond the syllabus) |
| 17. | To determine the Clotting time.(Beyond the syllabus) |

Class- B. Pharmacy I Sem**Subject: Pharmaceutical Analysis - I****Subject code – BP108P**

| S.No. | List of Experiment |
|--------------|--------------------------------------------------------------------|
| 1. | To study the glassware used in pharmaceutical analysis laboratory. |
| 2. | To prepare and submit 0.9% w/v solution of NaCl. |
| 3. | To prepare and submit 100 ml of 0.04 N solution of NaOH. |

| | |
|-----|--------------------------------------------------------------------------------------------------|
| 4. | To determine the concentration of unknown sample solution by using N/2 NaOH solution. |
| 5. | To prepare and standardize 0.1M HCl solution by using Primary standard 0.1M sodium carbonate. |
| 6. | To perform assay of a given sample of sodium bicarbonate. |
| 7. | To determine the pH of given solution |
| 8. | To perform acid base titration by using pH meter. |
| 9. | To calculate the conductance of Tap water & distilled water |
| 10. | To perform acid base titration by conductivity meter |
| 11. | To prepare and standardize 0.1 M silver nitrate solution using primary standard sodium chloride. |
| 12. | To perform the assay of sodium chloride. (Mohr's Method). |
| 13. | To calibrate the pH meter (beyond the syllabus practical) |
| 14. | To calibrate conductometer (beyond the syllabus practical) |

Class- B. Pharmacy I Sem

Subject: Pharmaceutics-I

Subject code - BP109P

| S.No. | List of Experiment |
|-------|------------------------------------------------------------------------------------|
| 1. | To prepare and submit 50 ml of Simple Syrup IP. |
| 2. | To prepare and submit 50ml of Piperazine citrate elixir. |
| 3. | To prepare and submit 50ml of Paracetamol elixir. |
| 4. | To prepare and submit cresol with soap solution 50 ml. |
| 5. | To prepare and submit calamine lotion 50 ml. |
| 6. | To prepare and submit milk of magnesia. |
| 7. | To prepare and submit Oral Rehydration Salt (ORS- WHO). |
| 8. | To prepare and submit 30ml of Turpentine Liniment. |
| 9. | To prepare and submit 50 ml of liquid paraffin emulsion. |
| 10. | To prepare and submit 10gm of Effervescent granules. |
| 11. | To prepare and submit 30gm of Dusting powder of salicylic acid compound BPC. |
| 12. | To prepare and submit to prepare and submit glycerol gelatin suppositories 150 gm. |
| 13. | To prepare and submit sulphur ointment 10gm. |
| 14. | To prepare and submit strong solution of ammonium acetate 50 ml |
| 15. | To prepare and submit compound sodium chloride mouth wash BPC. |

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|-----|----------------------------------------------------------------------|
| 16. | To Prepare and submit potassium chloride and phenol gargles BPC 50ml |
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Class- B. Pharmacy I Sem

Subject - Pharmaceutical Inorganic Chemistry (Practical)

Subject Code –BP110P

| S.No. | List of Experiment |
|-------|-----------------------------------------------------------------------------|
| 1. | To study common laboratory glasswares |
| 2. | To perform limit test of chloride for given unknown sample |
| 3. | To perform limit test of sulphate for given unknown sample |
| 4. | To perform limit test of iron for given unknown sample |
| 5. | To perform identification test of cation and anion for given unknown sample |
| 6. | To perform identification test of cation and anion for given unknown sample |
| 7. | To perform identification test of cation and anion for given unknown sample |
| 8. | To determine swelling capacity of Bentonite |
| 9. | To synthesize Boric acid from Borax |
| 10. | To synthesize Potash Alum from Potassium Sulphate and Aluminium Sulphate |
| 11. | To synthesize Ferrous Sulphate |
| 12. | To synthesize Calcium Carbonate (Beyond the Syllabus) |
| 13. | To synthesize Aluminum Hydroxide (Beyond the Syllabus) |

Class- B. Pharm I Sem

Subject Name - Communication Skills

Subject code BP111P

| S.No. | List of Activities |
|-------|------------------------------------------------------------------------------|
| 1. | Introduction To Phonetics, Speech, Sounds, Vowels And Consonants |
| 2. | To Study And Learn The Basics Of Communication Skills In Meeting With People |
| 3. | To Study And Learn The Basics Of Questioning Skills |
| 4. | To Study And Learn The Basics Of Conversational Skills |

| | |
|-----|-------------------------------------------------------------------------|
| 5. | To Study And Learn About Effective Communication |
| 6. | To Study About Unified Writing Skills |
| 7. | To Study And Learn About Presentation Skills |
| 8. | To Study About The Figures Of Speech |
| 9. | To Study And Learn About E-Mail Etiquette |
| 10. | To Study About The Common Telephone Etiquette |
| 11. | Interview Handling Skills |
| 12. | Conflict Resolution and Negotiation Skills (Beyond the Syllabus) |
| 13. | Facilitation and Moderation Skills (Beyond the Syllabus) |
| 14. | Techniques to lead meetings(Beyond the Syllabus) |

Class- B. Pharm I semester
Subject- Remedial Biology
Subject code – BP112RBP

| S.No. | Practical Experiments |
|--------------|--------------------------------------------------|
| 1. | Study of compound microscope. |
| 2. | Section cutting techniques |
| 3. | Permanent slide preparation |
| 4. | Mounting and staining |
| 5. | Study of cell and its inclusions |
| 6. | Study of Stem, Root, Leaf and its modifications |
| 7. | Microscopic study and identification of tissues. |
| 8. | To study the identification of axial bones |
| 9. | To study the identification of human blood group |
| 10. | Determination of blood pressure |
| 11. | Determination of tidal volume |

Class- B. Pharm II Sem
Subject- HAP-II
Subject Code- BP207P

| S.No. | List of Experiment |
|--------------|----------------------------------------------|
| 1. | Introduction to hemocytometry. |
| 2. | Enumeration of white blood cell (WBC) count. |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|-----|------------------------------------------------------------------------------------------------------------------------------------------|
| 3. | Enumeration of total red blood corpuscles (RBC) count. |
| 4. | Determination of bleeding time. |
| 5. | Determination of clotting time. |
| 6. | Estimation of haemoglobin content. |
| 7. | Determination of blood group. |
| 8. | Determination of erythrocyte sedimentation rate (ESR). |
| 9. | Determination of heart rate and pulse rate. |
| 10. | Recording of blood pressure. |
| 11. | Determination of tidal volume and vital capacity. |
| 12. | Study of digestive, respiratory, cardiovascular systems, urinary and reproductive systems with the help of models, charts and specimens. |
| 13. | Recording of the basal mass index. |
| 14. | Study of family planning devices and pregnancy diagnosis test. |
| 15. | Demonstration of total blood count by cell analyser, Permanent slides of vital organs and gonads. |

Class- B. Pharm II Sem

Subject - Pharmaceutical Organic Chemistry I (Practical)

Subject Code- BP208P

| S.No. | List of Experiment |
|-------|---------------------------------------------------------------------------------------|
| 1. | To determine melting point of given unknown organic compound |
| 2. | To determine boiling point of given unknown organic compound |
| 3. | To perform element detection test for given unknown organic compound |
| 4. | To perform element detection test for given unknown organic compound |
| 5. | To perform identification test of functional group for given unknown organic compound |
| 6. | To perform identification test of functional group for given unknown organic compound |
| 7. | To perform systematic qualitative analysis of given unknown organic compound |
| 8. | To perform systematic qualitative analysis of given unknown organic compound |
| 9. | To synthesize Picric acid from Phenol |
| 10. | To synthesize Acetyl Salicylic Acid from Salicylic Acid |
| 11. | To perform qualitative test for given sample of alcohol (Beyond the Syllabus) |
| 12. | To synthesize Cinnamic Acid from Benzaldehyde. (Beyond the Syllabus) |

Class- B. Pharm II Sem**Subject: Biochemistry****Subject Code- BP209P**

| S.No. | List of Experiment |
|-------|-------------------------------------------------------------------------------------------------------|
| 1. | To study the qualitative analysis of carbohydrate. |
| 2. | To perform the qualitative analysis of protein (albumin and casein). |
| 3. | To prepare standard acidic buffer solution and measure its pH. |
| 4. | To prepare standard basic buffer solution and measure its pH. |
| 5. | To perform qualitative analysis for abnormal constituents of urine. |
| 6. | To study the enzymatic hydrolysis of starch by alpha amylase. |
| 7. | To study the effect of substrate concentration on enzymatic activity of α -amylase. |
| 8. | To study the effect of temperature on enzymatic activity of α -amylase. |
| 9. | To perform quantitative analysis for reducing sugar (glucose) in the given urine sample. |
| 10. | To estimate the protein using Biuret method. |
| 11. | To perform qualitative analysis for normal constituents of urine.
(Beyond the Syllabus) |
| 12. | To study the effect of pH on enzymatic activity of α -amylase.
(Beyond the Syllabus) |
| 13. | To perform the qualitative analysis of lipid. (Beyond the Syllabus) |

Class- B. Pharm II Sem**Subject- Computer Applications in Pharmacy Practical****Subject Code- BP210P**

| S.No. | Index |
|-------|----------------------------------------------------------------------------------------------------------|
| 1. | Design a questionnaire using a word processing package to gather information about a particular disease. |
| 2. | Create a HTML web page to show personal information. |
| 3. | Retrieve the information of a drug and its adverse effects using online tools |
| 4. | Creating mailing labels Using Label Wizard, generating label in MS WORD |
| 5. | Create a database in MS Access to store the patient information with the required fields Using access |
| 6. | Design a form in MS Access to view, add, delete and modify the patient record in the database |
| 7. | Generating report and printing the report from patient database |

| | |
|-----|-----------------------------------------------------------|
| 8. | Creating invoice table using – MS Access |
| 9. | Drug information storage and retrieval using MS Access |
| 10. | Creating and working with queries in MS Access |
| 11. | Exporting Tables, Queries, Forms and Reports to web pages |
| 12. | Exporting Tables, Queries, Forms and Reports to XML pages |

Class- B. Pharm II Sem

Subject – Pharmaceutical Organic Chemistry - II

Subject Code- BP305P

| S.No. | List of Experiment |
|-------|--------------------------------------------------------------------------|
| 1. | Experiments involving laboratory techniques : Steam distillation |
| 2. | To determine Acid value of given oil sample |
| 3. | To determine Saponification value of given sample |
| 4. | To determine Iodine value of given sample. |
| 5. | To prepare and submit Benzanilide from aniline |
| 6. | To prepare and submit Acetanilide from aniline |
| 7. | To prepare and submit Benzoic from benzyl chloride |
| 8. | To prepare and submit salicylic acid from alkyl benzoate |
| 9. | To prepare and submit 1-phenyl azo-2-naphthol from Aniline |
| 10. | To prepare and submit Cinnamic acid from benzaldehyde |
| 11. | To prepare and submit Benzil from benzoin |
| 12. | To prepare and submit Dibenzylidene acetone from Benzaldehyde |
| 13. | To prepare and submit iodoform to acetone (Beyond the Syllabus) |
| 14. | To prepare and submit methanamine (Beyond the Syllabus) |

Class- B. Pharm II Sem

Subject: Physical pharmacy

Subject Code- BP306P

| S.No. | List of Experiment |
|-------|------------------------------------------------------------------|
| 1. | To determine the solubility of a drug at different temperatures. |

| | |
|-----|---------------------------------------------------------------------------------------------------------------------------------------|
| 2. | To determine the pka value of a weak acid by titrating it against base potentiometrically (using a pH meter). |
| 3. | To determine the partition coefficient of Succinic acid between benzene and water |
| 4. | To determine the partition coefficient of iodine between carbon tetrachloride and distilled water. |
| 5. | To determine surface tension of liquid using a stalagmometer. (Beyond the syllabus) |
| 6. | To determine the composition of NaCl in a solution using phenol water system by critical solution temperature (CST)method. |
| 7. | To determine the average particle size and find out their distribution pattern for the given sample granules by sieveanalysis method. |
| 8. | To determine bulk density, true density and percentage porosity of the given granules. |
| 9. | To determine the effect of glidants and lubricants of angle of repose. |
| 10. | To determine the viscosity of the unknown liquid by using Ostwald's viscometer.(Beyond the syllabus) |
| 11. | To determine the sedimentation volume with effect of different suspending agent.(Beyond the syllabus) |
| 12. | To determine the HLB number of surfactant by saponification method.(Beyond the syllabus) |

Class – B. Pharmacy III Semester
Subject: Pharmaceutical Microbiology
Subject Code- BP307P

| S.No. | List of Experiment |
|-------|---------------------------------------------------------------|
| 1. | Introduction and study of different equipments And processing |
| 2. | Sterilization of glassware, preparation and |
| 3. | Sterilization of media |
| 4. | Sub-culturing of bacteria and fungus |
| 5. | Preparation of nutrient slab and agar slant |
| 6. | Simple staining technique |
| 7. | Isolation of pure culture |
| 8. | Gram staining technique |
| 9. | Microbial assay of antibiotics by cup plate Method |
| 10. | Motility determination by hanging drop method |
| 11. | Sterility testing of pharmaceuticals |
| 12. | Acid fast staining |
| 13. | Preparation of Subaraud agar media |
| 14. | Preparation of Media for Fungi |

| | |
|-----|---------------------------------------------------------------------|
| 15. | Laminar Air flow (Beyond the syllabus) |
| 16. | Effect of UV Light on microbial growth (Beyond the syllabus) |

Class – B. Pharmacy III Semester
Subject: Pharmaceutical Engineering
Subject Code- BP308P

| S.No. | List of Experiment |
|-------|------------------------------------------------------------------------------------------------------------|
| 1. | To perform the demonstration of Ball mill. |
| 2. | To study the effect of concentration on the rate of filtration. |
| 3. | To study the effect of various factors on the rate of filtration. |
| 4. | To study the effect of surface area on the rate of evaporation. |
| 5. | To study the effect of concentration and viscosity on the rate of evaporation. |
| 6. | To determine the particle size of given sample by sieving method. |
| 7. | To analyse weight distribution before and after size reduction. |
| 8. | To determine moisture content and loss on drying for starch slurry. |
| 9. | To dry calcium carbonate slurry and plot the rate of drying curve. |
| 10. | To study the symbol used in flow sheet and for drawing equipments. |
| 11. | To perform the demonstration of Spray Dryer. (Beyond the syllabus) |
| 12. | To separate the mixture of water, acetone and alcohol by simple distillation. (Beyond the syllabus) |
| 13. | To study the effect of various filter aids on rate of filtration. (Beyond the syllabus) |

Class – B. Pharmacy IV Semester
Subject – Medicinal Chemistry I (Practical)
Subject Code- BP406P

| S.No. | List of Experiment |
|-------|--------------------------------------------------------------------------|
| 1. | To Synthesized and Submit Benzimidazole from <i>O</i> -Phenylenediamine. |
| 2. | To Synthesized and Submit 2,3 diphenyl Quinoxaline from Benzil.. |
| 3. | To Synthesized and Submit Benztriazole from <i>O</i> -Phenylenediamine. |
| 4. | To Synthesized and Submit Benzocaine from P-Amino Benzoic Acid. |
| 5. | To Synthesized and Submit Phenytoin. |
| 6. | To Synthesized and Submit Phenothiazine. |
| 7. | To Synthesized and Submit Barbiturate. |
| 8. | To Perform Assay of Aspirin. |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|-----|-------------------------------------------------------------------------------------------------------------------|
| 9. | To Perform Assay of Chlorpromazine. |
| 10. | To Perform Assay of Furosamide. |
| 11. | To Perform Assay of Ibuprofen. |
| 12. | To Perform Assay of Atropine. |
| 13. | To Determine the partition coefficient of benzoic acid between benzene and water |
| 14. | To Understand the working of chem. draw software for drawing structure and reactions (Beyond the Syllabus) |
| 15. | To Draw the structure of given classes of drug in course by chem. draw software. (Beyond the Syllabus) |
| 16. | To Determine the Physicochemical parameters of NSAIDS and CNS acting drugs (Beyond the Syllabus) |

Class – B. Pharmacy IV Semester
Subject - Physical pharmaceutics
Subject Code- BP407P

| S.No. | List of Experiment |
|-------|---------------------------------------------------------------------------------------------------------|
| 1. | To determine the surface tension of given liquid by drop count method. |
| 2. | To determine the surface tension of given liquid by drop weight method. |
| 3. | To determine HLB number of a surfactant by saponification method. |
| 4. | To determine Freundlich and Langmuir constants using activated charcoal. |
| 5. | To determine critical micellar concentration of surfactants by surface tension method. |
| 6. | To determine viscosity of liquid using Ostwald's viscometer |
| 7. | To determine viscosity of semisolid using Brookfield viscometer. |
| 8. | To determine sedimentation volume with effect of different suspending agents. |
| 9. | To determine sedimentation volume with effect of different concentrations of a single suspending agent. |
| 10. | To determine reaction rate constants for first order reactions. |
| 11. | To determine reaction rate constants for second order reactions. |
| 12. | To determine the shelf life of product on storing at 25 C |
| 13. | Determination of Particle Size Distribution By Sieving Method. |

Class – B. Pharmacy IV Semester
Subject: Pharmacology-I(Lab)
Subject Code- BP408P

| S.No. | List of Experiment |
|-------|--------------------|
|-------|--------------------|

| | |
|-----|-----------------------------------------------------------------------------------------------------------------------------------|
| 1. | Introduction to experimental pharmacology |
| 2. | Commonly used instruments in experimental pharmacology |
| 3. | Study of common laboratory animals |
| 4. | CPCSEA guidelines for laboratory animal facility. |
| 5. | Common laboratory techniques. Blood withdrawal, serum and plasma separation, anaesthetics and euthanasia used for animal studies. |
| 6. | Study of different route of drug administration |
| 7. | Study the effect of hepatic microsomal enzyme inducers on the Phenobarbitone sleeping time in mice. |
| 8. | Effect of drugs on ciliary motility of frog oesophagus |
| 9. | Effect of drugs on rabbit eye |
| 10. | Effects of skeletal muscle relaxant using rota –rod apparatus |
| 11. | Study of drugs on locomotor activity using actophotometer |
| 12. | Anticonvulsant effect of drugs by maximal electro-shock induced Convulsions in rats |
| 13. | Study of stereo type anticonvulsant activity of drugs on rat/mice |
| 14. | Study of anxiolytic of drugs using mice/rat |
| 15. | Study of local anaesthetic property by foot withdrawal method |

Class – B. Pharmacy IV Semester
Subject – Pharmacognosy and Phytochemistry I (Practical)
Subject Code- BP409P

| S.No. | List of Experiment |
|-------|--------------------------------------------------------------------------------|
| 1. | Analysis of crude drugs by chemical tests (Tragacanth, Acacia, Agar, etc.) |
| 2. | Determination of Stomatal Number and Index |
| 3. | Determination of Vein Islet Number, Vein Islet Termination, and Palisade Ratio |
| 4. | Determination of Size of Starch Grains and Calcium Oxalate Crystals |
| 5. | Determination of Fiber Length and Width |
| 6. | Determination of Number of Starch Grains by Lycopodium Spore Method |
| 7. | Determination of Ash Value |
| 8. | Determination of Extractive Values of Crude Drugs |
| 9. | Determination of Moisture Content of Crude Drugs |
| 10. | Determination of Swelling Index and Foaming |
| 11. | To perform and study T.S of Clove. (Beyond the syllabus) |

| | |
|-----|------------------------------------------------------------------------------|
| 12. | To perform and study T.S of cinnamon. (Beyond the syllabus) |
| 13. | To study and prepare Thin layer chromatography. (Beyond the syllabus) |

Class – B. Pharmacy V Semester
Subject - Formulative Pharmacy
Subject Code- BP506P

| S.No. | List of Experiment |
|-------|------------------------------------------------------------------------------------------|
| 1. | To Prepare and Evaluate 100 ml of Paracetamol Syrup |
| 2. | To Prepare and Evaluate 10 gm of Cold Cream (W/O type of emulsion) |
| 3. | To Prepare and Evaluate 10 gm of Vanishing Cream (O/W type of emulsion) |
| 4. | To Prepare and Submit 10 ml Calcium Gluconate Injection |
| 5. | To Prepare and Submit 20 ml of Ascorbic Acid Injection |
| 6. | To Prepare and Submit 10 ml of Eye Drop |
| 7. | To Prepare and Submit 10 gm of Eye Ointment |
| 8. | To Perform Different Pre-formulation Studies of Prepared Granules |
| 9. | To Prepare and Evaluate Paracetamol (650 mg) Tablet by Wet Granulation Method |
| 10. | To Study the Evaluation Parameter of Glass Container |
| 11. | To Prepare and Submit 20 ml of Shampoo (<i>Beyond the syllabus</i>) |
| 12. | To Prepare and Submit 20 gm of Lipstick (<i>Beyond the syllabus</i>) |
| 13. | To Prepare and Submit 20 gm of Effervescent Granules (<i>Beyond the syllabus</i>) |

Class – B. Pharmacy V Semester
Subject: Pharmacology-II
Subject Code- BP507P

| S.No. | List of Experiment |
|-------|-----------------------------------------------------------------------------------------------------------------------------|
| 1. | Introduction to In-vitro pharmacology and physiological salt solutions. |
| 2. | Effect of drugs on isolated frog heart |
| 3. | Effect of drugs on normal and hypodynamic perfused frog heart |
| 4. | Study of diuretic activity of drugs using rats/mice. |
| 5. | DRC of acetylcholine using frog rectus abdominis muscle. |
| 6. | Effect of physostigmine and atropine on DRC of acetylcholine using frog rectus abdominis muscle and rat ileum respectively. |
| 7. | Bioassay of histamine using guinea pig ileum by matching method. |

| | |
|-----|------------------------------------------------------------------------------------------------|
| 8. | Bioassay of oxytocin using rat uterine horn by interpolation method. |
| 9. | Bioassay of serotonin using rat fundus strip by three point bioassay. |
| 10. | Bioassay of acetylcholine using rat ileum/colon by four point bioassay. |
| 11. | Determination of PA2 value of prazosin using rat anococcygeus muscle (by Schilds plot method). |
| 12. | Determination of PD2 value using guinea pig ileum. |
| 13. | Effect of spasmogens and spasmolytics using rabbit jejunum. |
| 14. | Anti-inflammatory activity of drugs using carrageenan induced paw-edema model. |
| 15. | Analgesic activity of drug using central and peripheral methods |

Class – B. Pharmacy V Semester

Subject – Pharmacognosy and phytochemistry - II

Subject Code- BP508P

| S.No. | List of Experiment |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Morphology, histology, and powder characteristics, extraction & detection of:
Cinchona, Cinnamon, Senna, Clove, Ephedra, Fennel, Coriander |
| 2. | Isolation & detection of active principles:
a. Caffeine – from tea dust
b. Diosgenin – from Dioscorea
c. Atropine – from Belladonna
d. Sennosides – from Senna |
| 3. | Separation of sugars by Paper chromatography |
| 4. | To perform TLC of herbal extract |
| 5. | Distillation of volatile oils and detection of phytoconstituents by TLC |
| 6. | Analysis of crude drugs by chemical tests: (i) Asafoetida (ii) Benzoin (iii) Colophony (iv) Aloes (v) Myrrh |
| 7. | To prepare herbal gel. (beyond the syllabus) |
| 8. | Preparation of herbal hand sanitizer(beyond the syllabus) |
| 9. | Preparation of herbal face pack(beyond the syllabus) |

Class – B. Pharmacy V Semester

Subject – Medicinal Chemistry - III
Subject Code- BP607P

| S.No. | List of Experiment |
|--------------|--------------------------------------------------------------------|
| 1. | Synthesis of Sulphanilamide |
| 2. | Synthesis of 7- Hydroxy -4- methyl coumarin |
| 3. | Synthesis of Chlorobutanol |
| 4. | Synthesis of Tolbutamide |
| 5. | Synthesis of Hexamine |
| 6. | Assay of Isonicotinic acid hydrazide |
| 7. | Assay of Metronidazole |
| 8. | Assay of Dapsone |
| 9. | Assay of Chlorpheniramine Maleate |
| 10. | Assay of Benzyl Penicillin |
| 11. | Synthesis of Phenytoin from Benzil by Microwave Irradiation |
| 12. | Synthesis of Aspirin Assisted by Microwave Oven |
| 13. | Drawing structure and Reaction using Chemdraw |
| 14. | Synthesis of 2,3 Diphenyl quinoxaline (beyond the syllabus) |
| 15. | Synthesis of Phenyl benzoate(beyond the syllabus) |
| 16. | Synthesis of Benzoyl glycine(beyond the syllabus) |
| 17. | Synthesis of Phenyl azo beta naphthol(beyond the syllabus) |

Class – B. Pharmacy VI Semester
Subject: Pharmacology-III
Subject Code- BP608P

| S.No. | List of Experiment |
|--------------|-------------------------------------------------------------------------------------------------|
| 1. | Guidelines on dosage calculation and stock solution preparation in experimental animals studies |
| 2. | Anti – allergic activity by mast cell stabilization assay |
| 3. | Study of anti-ulcer activity of a drug using pylorus ligation (shay)ray model |
| 4. | Study of anti-ulcer activity of a drug using NSAIDS |
| 5. | Study of effect of drugs on gastrointestinal motility |
| 6. | Estimate of serum biochemical parameters by using semi auto analyser |
| 7. | Effect of saline purgative on frog intestine |

| | |
|-----|-------------------------------------------------------------------------------------------------|
| 8. | Insulin hypoglycemic effect in rabbit |
| 9. | Test for pyrogen rabbit |
| 10. | Determination of acute oral toxicity (LD50) of a drug from a given data |
| 11. | Determination of acute skin irritation / corrosion of a test substance |
| 12. | Determination of acute eye irritation / corrosion of a test substance |
| 13. | Calculation of pharmacokinetic parameters from a given data |
| 14. | Biostatistics methods in experimental pharmacology(student's t test, ANOVA) |
| 15. | Biostatistics methods in experimental pharmacology (Chi square test, Wilcoxon Signed Rank test) |

Class – B. Pharmacy VI Semester
Subject – Herbal Drug Technology
Subject Code- BP609P

| S.No. | List of Experiment |
|-------|----------------------------------------------------------------------------------------|
| 1. | To determine the phytochemical test of crude drug. |
| 2. | To determine The Total Ash Value and acid insoluble ash value of liquorices root drug. |
| 3. | To determine the moisture content of crude drug by gravimetric method. |
| 4. | To determine the extractive value of crude drug by using hot extracts method. |
| 5. | To determine the alcohol content of aristha |
| 6. | Determination of the alcohol content of asava. |
| 7. | To prepare and evaluate cream containing herbal extract. |
| 8. | To prepare and evaluate the cough syrup. |
| 9. | To prepare and evaluate Amla-Shikakai Shampoo (50 ml) |
| 10. | To determine the foaming index of crude drug. (shatavari) |
| 11. | To determine the swelling index of crude drug. |
| 12. | Prepare and evaluate 20 ml of orange syrup. |
| 13. | To prepare and evaluate the herbal Face Cream (beyond the syllabus) |
| 14. | To prepare and evaluate the herbal Ointment (beyond the syllabus) |

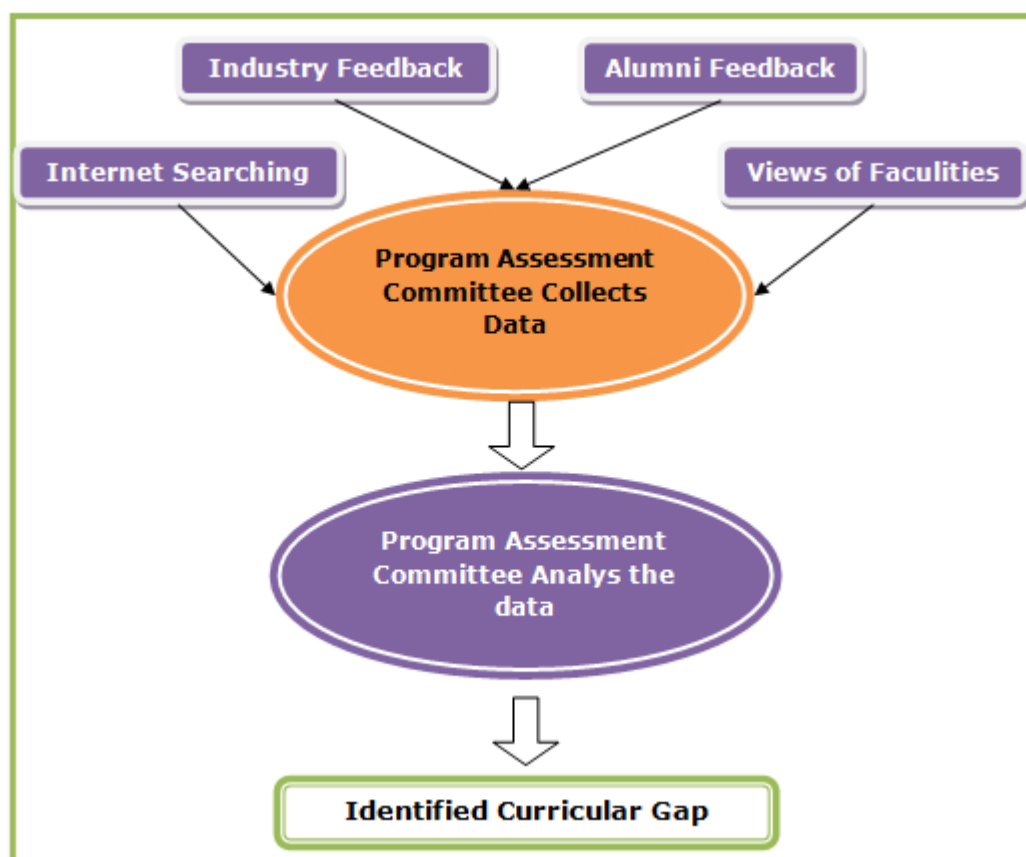
Class – B. Pharmacy VII Semester

Subject – Instrumental Methods of Analysis (Practical)

Subject Code- BP705P

| S.No. | List of Experiment |
|--------------|-------------------------------------------------------------------------------------------------------------|
| 1. | To determine Absorption maxima (λ max) of given organic compound (Paracetamol). |
| 2. | To determine the effect of solvents on absorption maxima of given organic Compound (Paracetamol). |
| 3. | To Estimate the amount of dextrose in given sample by colorimetric method. |
| 4. | To Perform the assay of Paracetamol tablet using calibration curve method. |
| 5. | To estimate the amount of Quinine sulphate present in given sample by fluorimetry. |
| 6. | To estimate the effect quenching on the fluorescence of Quinine sulphate by Fluorimetry. |
| 7. | To estimate the concentration of sodium present in given sample by flame photometry. |
| 8. | To estimate the concentration of potassium present in given sample by flame photometry. |
| 9. | To determine the limit of chloride in the given sample by nephelo turbidometric method. |
| 10. | To determine the limit sulphate in the given sample by nephelo turbidometric method. |
| 11. | To separate and identify the given amino acids by Ascending Paper Chromatography. |
| 12. | To separate and identify sugar sample by thin layer chromatography. |
| 13. | To perform separation of plant pigments by using column chromatography. |
| 14. | To Study the working & handling of HPLC. |
| 15. | To separate and identify the given amino acids by Radial Paper Chromatography. (Beyond the Syllabus) |
| 16. | To perform the interpretation of IR spectrum of given sample (Beyond the Syllabus) |

Process for “Curricular Gap Analysis”

**Recommended subjects to bridge academic and industry-**

1. As per the feedback collected from all the stakeholders (Alumni, Industry, Faculty etc.), it is required to include guest lectures for subjects in curriculum for the attainment of some of the PO.
2. There is a gap in basic understanding of pharmacy programme in students who have passed 12 standard examination; therefore the institute conducts Orientation Program every year for the first year students to bridge the gap in curriculum.

Delivery details of content beyond syllabus

- Orientation Program
- Assignments
- Spoken English Classes
- Guest lectures
- Workshops/conference
- Industrial Visits and internships
- Pre-placement Training
- Mock Personal Interview

Fulfilment of Identified Gaps in Curriculum

The discovered inadequacies have been documented in a publication titled “Learning Beyond Syllabus.” The college thoroughly addresses the highlighted deficiencies in the university curriculum by organising:

Guest Lectures: The College arranges guest lectures on designated topics presented by distinguished academicians, trainers in relevant fields, industry scientists, and other healthcare experts.

Workshops/Hand-on Training: Students and faculty of the college consistently participate in various workshops and training sessions to address noted deficiencies in existing facilities.

Participation in Seminar/Conference: Students and faculty of the institution consistently participate in numerous seminars and conferences, focussing primarily on themes or topics related to recognised gaps.

Self-Learning Material: Students are encouraged to utilise e-content through course materials available on the college website, as well as national and international publications from esteemed publishers and a diverse array of freely accessible e-learning resources YouTube lectures. In addition, other books for addressing the identified deficiencies are available at the institute.

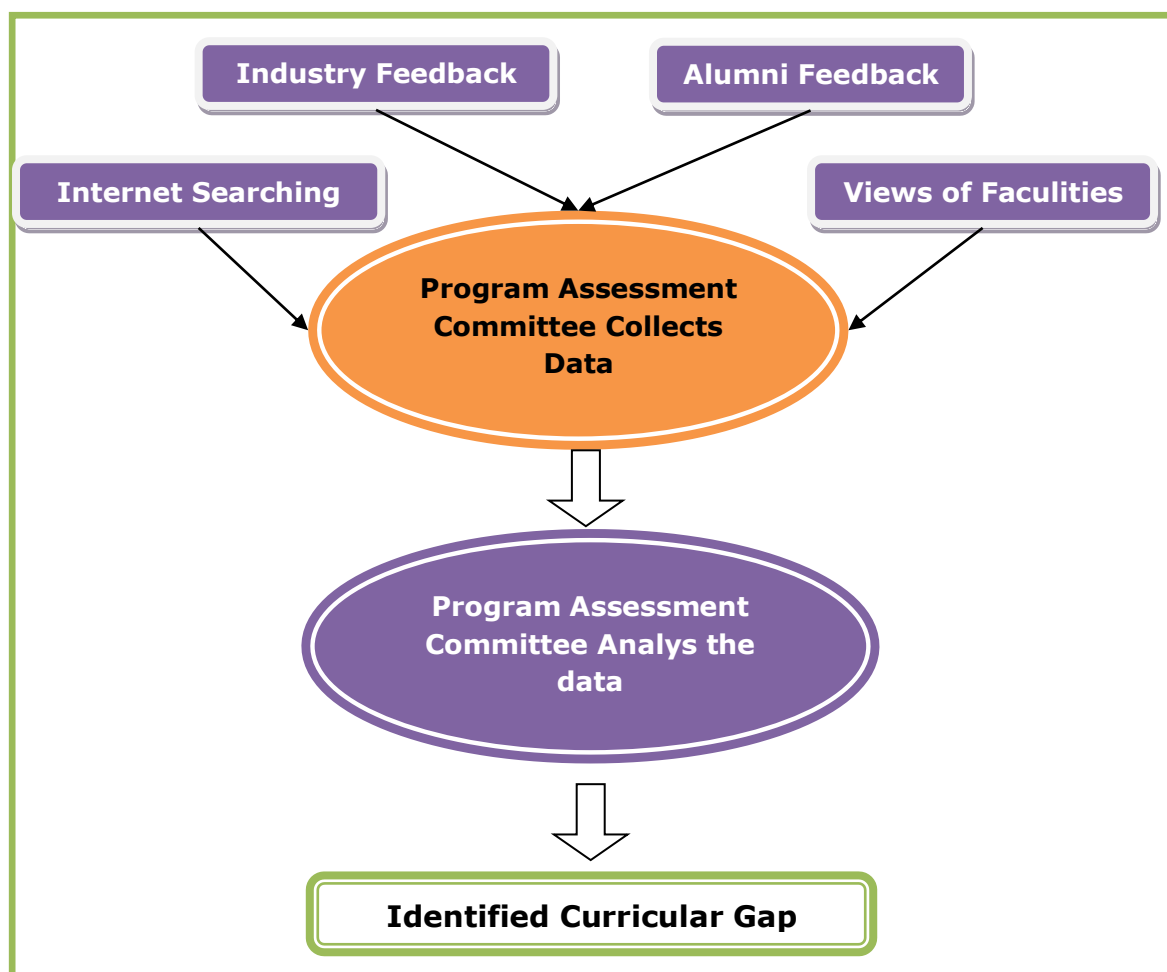


Fig 3. Process for “Curricular Gap Analysis”

B. List the curricular gaps for the attainment of defined Pos.

Recommended subjects to bridge academic and industry-

1. As per the feedback collected from all the stakeholders (Alumni, Industry, Faculty etc.), it is required to add one subject in curriculum for the attainment of PO9. Therefore we had sent a request letter to BOS (CSV TU) for addition of new subject “Environmental Science” in B. Pharm. Curriculum.
As a result CSV TU introduce a new subject “Enviromental Science” in B. Pharm. 2nd semester in 2015-16.
2. There is a gap in basic understanding of pharmacy programme in students who have passed 12th standard examination; therefore the institute conducts Orientation Program every year for the first year students to bridge the gap in curriculum.

2.1.2 State the delivery details of the contents beyond the Syllabus for the attainment of POs (20)
Institute Marks (20)

(Provide details of the additional course/learning material/content/laboratory experiments/projects etc., arising from the gaps identified in 2.1.1 in a tabular form in the format given below)

• CAY (2024-25): Contents beyond the syllabus-

| S. No. | Gap | Action Taken | Date-Month-Year | Resource Person | Percentage of students present | Relevance to POs |
|--------|-----------------------------------------------------|------------------------------------|-----------------|------------------------------------------------------------------------|--------------------------------|---------------------|
| 1 | Environment safety and use of plastic | Guest Lecture | 30/08/2024 | Mrs. Monika Baghrecha and Mr. Gurdeep Singh Tuteja | 90 | PO1,PO3, PO4, PO11 |
| 2 | Demonstration of Fire Extinguisher | Demonstration | 28/11/2024 | Mr. Sagar Sahu, Assistant Professor, CIP, Raipur | 105 | PO2, PO3, PO |
| 3 | Future & Scope of Pharmacy | Orientation Program | 17/12/2024 | Prof. Saranjit Singh | 90 | PO1,PO3, PO4, PO11 |
| 4 | Workshop on animal handling | Workshop | 24/01/2025 | Prof. Trilochan Satapathy, Professor, CIP, Raipur | 89 | PO1, PO4, PO |
| 5 | Educational Visit | Educational Visit | 13/02/2025 | Mr. Rahul Goswami | 90 | PO1, PO11 |
| 6 | Formulation of Ayurvedic Preparation "Chyawanprash" | Training of Ayurvedic Formulation | 18-21/02/2025 | Dr. Ravindra Kumar Pandey, Mr. Shailendra Sharma, | 90 | PO1, PO2, PO4, PO11 |
| 7 | Industrial Tour Educational Visit | Educational Visit/ Industrial Tour | 18-27/02/2025 | Mr. Swapnil Lall, Mr. Rahul Kumar, Ms. Manisha Verma, Ms. Anjali Sinha | 90 | PO1, PO4, |
| 8 | Basics and | Guest Lecture | 20/02/ | Mr. Rushikesh G. | 98 | PO1,PO3 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | | | |
|----|-------------------------------------------------------------------------------------------------------|---------------|------------|-------------------------------------------------------------|----|-------------|
| | importance of IPR | | 2025 | Lavhale | | , PO4, PO11 |
| 9 | Aviation and opportunities | Guest Lecture | 29/03/2025 | Mr. Vikash Joshi
(Retierd Station Manager of Air India) | 90 | PO11 |
| 10 | Regulatory Aspects | Guest Lecture | 04/04/2025 | Prof (Dr.) Neetesh K. Jain | 90 | PO1, PO7 |
| 11 | Public Awareness Program “ HPV Infection & Vaccination, Vaginal & Colorectal cancer and Breast Cancer | Guest Lecture | 19/04/2025 | Dr. Sushma Verma,
Dr. Vinita Singh,
Dr. Himani Punshi | 90 | PO1 |

- CAY m1 (2023-24): Contents beyond the syllabus-**

| S. No. | Gap | Action Taken | Date-Month-Year | Resource Person | Percentage of students present | Relevance to POs |
|--------|-----------------------------------------|----------------------|-----------------|---------------------|--------------------------------|--------------------------|
| 1 | Scope of Pharmacy in Abroad | Guest Lecture | 11/12/2023 | Dr. Anant Gandhi | 77 | PO1,PO3, PO4, PO11 |
| 2 | Career prospects in Pharmacy | Guest Lecture | 04/11/2023 | Dr. Peeyush Jaiswal | 80 | PO2, PO5, PO6, P08 |
| 3 | Future in Pharma Field | Orientati on Program | 13/10/2023 | Prof. V.K. Mourya | 90 | PO3, PO5, PO7, PO9, PO11 |
| 4 | Financial Investment scheme | Guest Lecture | 12/08/2023 | Mr. Rahul Patel | 83 | PO6, PO9, PO10, PO11 |
| 5 | Economic and Eco-friendly techniques in | Guest Lecture | 05/07/2023 | Dr. R.K. Maheshwari | 85% | PO1, PO4 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | | | |
|---|-------------------------------------------------------------------------------------------------------------------|---------------|------------|--------------------|----|-------------------------|
| | various fields of Pharmacy utilizing solubilising properties of safe and economic solids (Mixed Solvency Concept) | | | | | |
| 6 | Electro Acupressure, Acupuncture Therapy and Women Health | Guest Lecture | 08/07/2023 | Ms. Hardeep Kaur | 76 | PO2, PO3, PO5, PO7 |
| 7 | PCOD and its impact on health | Guest Lecture | 18/5/2024 | Dr. Manika Agarwal | 68 | PO7, PO9, PO11 |
| 8 | GPAT preparation | Guest Lecture | 01/05/2024 | Ms. Mausami | 79 | PO2, PO3, PO5, PO8 PO10 |
| 9 | Vaccines and its importance | Guest Lecture | 16/03/2024 | Mrs. Anamika Singh | 89 | PO1, PO3, PO5, PO6, PO9 |

CAY (2022-23): Contents beyond the syllabus-

| S. No. | Gap | Action Taken | Date-Month-Year | Resource Person | Percentage of students present | Relevance to POs |
|--------|----------------------------------------------------------------------------------------------------------|--------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------|
| 1 | Training on the sophisticated analytical instruments for scientific research and biomedical applications | DST STUTI | 12/12/2022-18/12/2022 | Prof. Pradeep R. Vavia,
Dr. Dilip Gore
Dr. Ajazuddin
Dr. Amber Vyas
Dr. Nagendra Singh Chauhan
Dr. Sanjay Sharma
Dr. Sanjay J. Daharwal
Dr. Rishi Paliwal
Prof. Manjunath Ghate
Prof. | 150 | PO1, PO3, PO3, PO5, PO8, PO11 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | | | |
|----------|-----------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----|--------------------|
| | | | | Ravindra
Kumar
Pandey
Prof. Amit
Roy
Prof. Shiv
Shankar
Shukla
Dr. Trilochan
Satapathy
Dr. Beena
Gidwani | | |
| 2 | Current Landscape on Novel Drug Delivery Systems for Infectious Disease: A Global Perspective | DBT Sponsored National Conference (Virtual mode) | 17/10/2022-18/10/2022 | Dr. Rishi Paliwal, Prof. Shailendra Saraf, Dr. Shekhar Verma, Dr. Deepak K. Dash, Dr. Kartik Nakhate, Dr. Amber Vyas, Dr. A. K. Shrivastava | 80 | PO2, PO4, PO5, PO9 |
| 3 | Awareness Program Cigarette and other Tobacco Products | Guest Lecture | 6/12/2022 | Dr. Vikash Agrawal | 80 | PO1, PO11 |
| 4 | Educational Visit | Educational Visit /Industrial Visit | 19-28/11/2022 | Dr. Pushpa Prasad Gupta, Dr. Shashikant Chndrakar, Mr. Sagar Sahu, Ms. Renuka Verma | 80 | PO1, PO4 |
| 5 | Agri carnival 2022 | Educational Visit | 15/10/2022 | Mr. Rahul Kumar Goswami
Mr. mahendra Sahu | | PO1, PO10 |
| 6 | Cancer Awareness Program | Guest Lecture | 04/02/2023 | Mr. Sanjeev Kumar, Programme | | PO3, PO5, PO8, |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | | | |
|----|---------------------------------------------------------|------------------|------------|--------------------------------------------------------------------------|----|-------------------------------|
| | | | | Officer,
Caring Souls
Foundation
on cancer
awareness | | PO9,
PO11 |
| 7 | DigitALL: Innovation and technology for gender equality | Guest Lecture | 13/03/2023 | Dr. Sushma Purohit (Gynecologist and Oncosurgeon, Kamla Womens Hospital) | | PO7, PO8, PO9, PO11 |
| 8 | Tuberculosis and its eradication | In-house Lecture | 25/03/2023 | Mr. Gunjan Kalyani and Mr. Sagar Sahu | 89 | PO2, PO3, PO5, PO9 |
| 9 | Expression of emotions | Guest Lecture | 10/05/2023 | Mr. Triambak Sharma | 85 | PO9, PO10, PO11 |
| 10 | Pharma management A Lucrative Career in India | Guest Lecture | 02/05/2023 | Dr. Neha Sharma | 76 | PO2, PO4, PO5, PO9 |
| 11 | Grooming Class & Preparation for Interview | In-house Lecture | 03/06/2023 | Mr. Swapnil Lal and Mr. Mithlesh Chandrakar | 95 | PO1, PO3, PO3, PO5, PO8, PO11 |

2.1.3 Adherence to Academic Calendar (10)

Institute Marks (10)

(Demonstrate notified academic calendar & its adherence)

The CSVTU, Bhilai provides academic calendar for each semester in the beginning of the academic year. CIP compiles to the academic calendar of CSVTU. The following list shows the dates of the previous three years and current academic year.

It also provides dates for the conduct of examination. In addition, the dates for first and last dates for instructions are clearly defined. The CSVTU end examinations and vacation are also specified. The academic calendar of CAY, CAYm1, CAYm2 prescribed by the CSVTU are as following.

CAY (2024-25): University Academic Calendars – Almanac and Exams.

| Sem. | Date of commencement | | Sessional I | Sessional II | Practical Exam date | |
|------|----------------------|--------|-------------|--------------|---------------------|--------|
| | Almanac | Actual | Actual | Actual | Almanac | Actual |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | | | |
|-------------|----------|----------|------------------------|-----------------------|-----------------------|-----------------------|
| I | | 11/11/24 | 20/01/25-
25/01/25 | 05/03/25-
11/03/25 | 27/03/25-
04/04-25 | 27/03/25-
04/04-25 |
| III | 03/09/24 | 03/09/24 | 15/10/24-
18/10-24 | 06/01/25-
09/01/25 | 24/12/24-
28/12/24 | 05/02/25-
08/02/25 |
| V | 20/08/24 | 20/08/24 | 03/10/24/-
08/10/24 | 06/12/24-
11/12/24 | 10/12/24-
13/12/24 | 22/01/25-
24/01/25 |
| VII | 29/07/24 | 29/07/24 | 04/10/24-
08/10/24 | 25/11/24-
28-11/24 | 26/11/24-
30/11/24 | 30/11/24 |
| II | | | | | | |
| IV | 20/01/25 | 17/02/25 | 22/04/25-
26/04/25 | | 09/05/25-
14/05/25 | |
| VI | 06/01/25 | 05/02/25 | 07/04/25-
12/04/25 | | 25/04/25-
29/04/25 | |
| VIII | 23/12/24 | 09/01/25 | 18/03/25-
21/03/25 | 23/04/25-
26/04/25 | 12/04/25-
17/04/25 | |

CAYm1 (2023-24): University Academic Calendars – Almanac and Exams.

| Sem. | Date of commencement | | Sessional I | Sessional II | Practical Exam date | |
|-------------|----------------------|----------|-----------------------|-----------------------|-----------------------|-----------------------|
| | Almanac | Actual | Actual | Actual | Almanac | Actual |
| I | 15/09/23 | 15/09/23 | 11/12/23-
16/12/23 | 19/02/24-
24/02/24 | 07/03/24-
11/03/24 | 29/03/24-
04/04/24 |
| III | 28/09/23 | 28/09/23 | 06/11/23-
09/11/23 | 29/01/24-
01/02/24 | 18/02/24-
22/02/24 | 26/02/24-
29/02/24 |
| V | 15/09/23 | 15/09/23 | 30/10/23-
03/11/23 | 06/01/24-
11/01/24 | 02/02/24-
06/02/24 | 06/02/24-
08/02/24 |
| VII | 05/08/23 | 05/08/23 | 19/09/23-
22/09/23 | 13/12/23-
16/12/23 | 07/01/24-
11/01/24 | 06/01/24-
08/01/24 |
| II | 05/04/24 | 05/04/24 | 20/05/24-
25/05/24 | 10/07/24-
16/07/24 | 20/07/24-
02/08/24 | 29/08/24-
02/09/24 |
| IV | 05/03/24 | 05/03/24 | 15/04/24-
20/04/24 | 18/06/24-
22/06/24 | 13/06/24-
17/06/24 | 15/07/24-
19/07/24 |
| VI | 14/02/24 | 14/02/24 | 28/03/24-
03/04/24 | 13/05/24-
18/05/24 | 18/05/24-
22/05/24 | 22/05/24-
25/05/24 |
| VIII | 15/01/24 | 15/01/24 | 21/03/24-
28/03/24 | 18/04/24-
22/04/24 | 23/04/24-
27/04/24 | |

CAYm2 (2022-23): University Academic Calendars – Almanac and Exams.

| Sem. | Date of commencement | | Sessional I | Sessional II | Practical Exam date | |
|------------|----------------------|----------|-----------------------|-----------------------|-----------------------|-----------------------|
| | Almanac | Actual | Actual | Actual | Almanac | Actual |
| I | | | 27/02/23-
04/03/23 | 10/04/23-
17/04/23 | 09/05/23-
13/05/23 | 19/05/23-
25/05/23 |
| III | 05/10/22 | 05/10/22 | 08/12/22- | 13/02/23- | 08/02/23- | 10/03/23- |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | | | |
|-------------|----------|----------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | | 05/12/22 | 16/02/23 | 13/02/23 | 14/03/23 |
| V | 22/09/22 | 22/09/22 | 28/11/22-
02/11/22 | 10/01/23-
14/01/23 | 21/01/23-
27/01/23 | 09/02/23-
11/02/23 |
| VII | 05/09/22 | 05/09/22 | 07/10/22-
12/10/22 | 05/12/22-
08/12/22 | 02/01/23-
06/01/23 | 20/01/23-
21/01/23 |
| II | 08/07/23 | 08/07/23 | 10/07/23-
15/07/23 | 26/08/23-
04/09/23 | 23/09/23-
30/09/23 | 23/09/23-
30/09/23 |
| IV | 16/03/23 | 16/03/23 | 01/05/23-
05/05/23 | 19/06/23-
23/06/23 | 12/07/23-
16/07/23 | 12/08/23-
17/08/23 |
| VI | 16/02/23 | 16/02/23 | 10/04/23-
17/04/23 | 31/05/23-
06/06/23 | 15/06/23-
20/06/23 | 04/07/23-
06/07/23 |
| VIII | 25/01/23 | 25/01/23 | 04/03/23-
11/03/23 | 24/04/23-
27/04/23 | 02/06/23-
07/06/23 | 7/06/23 |

CAY (2021-22): University Academic Calendars – Almanac and Exams.

| Sem. | Date of commencement | | Sessional I | Sessional II | Practical Exam date | |
|-------------|----------------------|----------|------------------------|------------------------|-----------------------|------------------------|
| | Almanac | Actual | Actual | Actual | Almanac | Actual |
| I | 30/11/21 | 30/11/21 | 30/01/22 -
07/02/22 | 31/01/14 -
07/02/14 | 01/03/22
-06/03/22 | 01/03/22
-06/03/22 |
| III | 20/09/21 | 20/09/21 | 20/10/21 -
23/10/21 | 31/01/22 -
03/02/22 | 09/02/22
-14/02/22 | 09/02/22
-14/02/22 |
| V | 25/08/21 | 25/08/21 | 20/10/21 -
25/10/21 | 03/01/22 -
07/01/22 | 29/01/22
-04/02/22 | 29/01/22
-04/02/22 |
| VII | 01/09/21 | 01/09/21 | 20/10/21 -
23/10/21 | 27/12/21 -
30/12/21 | 22/01/22
-27/01/22 | 22/01/22 -
27/01/22 |
| II | 10/05/22 | 10/05/22 | 13/06/22-
18/06/22 | 16/08/22 -
23/08/22 | 14/08/22-
18/08/22 | 14/08/22-
18/08/22 |
| IV | 08/04/22 | 08/04/22 | 16/05/22-
20/05/22 | 11/07/22 -
15/07/22 | 23/07/22-
27/07/22 | 23/07/22-
27/07/22 |
| VI | 07/03/22 | 07/03/22 | 16/05/22 -
21/05/22 | 09/06/22 -
15/06/22 | 03/07/22-
08/07/22 | 03/07/22-
08/07/22 |
| VIII | 05/02/22 | 05/02/22 | 29/04/22 -
04/05/22 | 23/05/22 -
26/05/22 | 21/06/22-
26/06/22 | 21/06/22-
26/06/22 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

ACADEMIC CALENDAR, PROVIDED BY CSVTU FOR SESSION JULY – DEC 2024

Chhattisgarh Swami Vivekanand Technical University (Academic Calendar-2024-2025)

Session (July-Dec - 2024)

| SN | Activity | Bachelor of Pharmacy
7th Semester | Bachelor of Pharmacy
5th Semester | Bachelor of Pharmacy
3rd Semester |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| 1 | Schedule of classes: | 29-Jul-24 To 21-Nov-24 | 20-Aug-24 To 05-Dec-24 | 03-Sep-24 To 19-Dec-24 |
| 2 | Induction program 1st Yr UG Students:
3 week | | | |
| 3 | Assignment-1:
To be given at least 15 working days before the start of CT-1. | 16-Aug-24 | 5-Sep-24 | 20-Sep-24 |
| 4 | Inter-Branch / College Level Sports Competition | 23-Sep-24 - 05-Oct-24 | 23-Sep-24 - 05-Oct-24 | 23-Sep-24 - 05-Oct-24 |
| 5 | Last Date for Evaluation of Assignment-1: | 7-Sep-24 | 25-Sep-24 | 9-Oct-24 |
| 6 | First Syllabus Coverage Submission to University via Google Link:
The Google link will be open for 3 working days when the Class Test (CT) begins. | 21-Sep-24 - 23-Sep-24 | 26-Sep-24 - 29-Sep-24 | 10-Oct-24 - 13-Oct-24 |
| 7 | Schedule of Class Test-1:
Class Test-1 will commence a minimum of 32 working days after the start of classes (40% syllabus coverage). | 21-Sep-24 - 25-Sep-24 | 26-Sep-24 - 01-Oct-24 | 10-Oct-24 - 15-Oct-24 |
| 8 | Deadline for Showing Answer Scripts of CT-1 and Displaying Marks to Students:
Task must be completed within 5 days after the conclusion of Class Test-1. | 12-Oct-24 | 7-Oct-24 | 19-Oct-24 |
| 9 | Assignment-2:
To be given at least 15 working days before the start of CT-2. | 8-Oct-24 | 23-Oct-24 | 6-Nov-24 |
| 10 | College Level Youth Techfest | 05-Nov-24 - 20-Nov-24 | 05-Nov-24 - 20-Nov-24 | 05-Nov-24 - 20-Nov-24 |
| 11 | Commencement Date for Submitting the Online Exam Form:
30 days before the commencement of exams. | 07-Nov-24 | 21-Nov-24 | 07-Dec-24 |
| 12 | Last Date for Evaluation of Assignment-2: | 25-Oct-24 | 11-Nov-24 | 26-Nov-24 |
| 13 | Last Date for Submitting the Online Exam Form Without Late Fees: | 11-Nov-24 | 25-Nov-24 | 11-Dec-24 |
| 14 | Second Syllabus Coverage Submission to University via Google Link:
The Google link will be open for 3 working days when CT-2 begins. | 08-Nov-24 - 11-Nov-24 | 23-Nov-24 - 27-Nov-24 | 07-Dec-24 - 10-Dec-24 |
| 15 | Semester Academic Review Meeting: | 11-Nov-24 | 27-Nov-24 | 10-Dec-24 |
| 16 | Schedule of Class Test-2:
Class Test-2 will commence at least 10 working days before the end of classes. | 08-Nov-24 - 13-Nov-24 | 23-Nov-24 - 28-Nov-24 | 07-Dec-24 - 12-Dec-24 |
| 17 | Last Date for Submitting the Online Exam Form With ₹30 Late Fees: | 15-Nov-24 | 29-Nov-24 | 15-Dec-24 |
| 18 | Last Date for Submitting the Online Exam Form With ₹120 Late Fees: | 19-Nov-24 | 03-Dec-24 | 19-Dec-24 |
| 19 | Last Date for Submitting the Online Exam Form With ₹200 Late Fees: | 23-Nov-24 | 07-Dec-24 | 23-Dec-24 |
| 20 | Deadline for Showing Answer Scripts of CT-2 and Displaying Marks to Students:
Task must be completed within 5 days after the conclusion of Class Test-2. | 19-Nov-24 | 3-Dec-24 | 17-Dec-24 |
| 21 | Last Date for Exam Form Approval by Institute: | 24-Nov-24 | 08-Dec-24 | 24-Dec-24 |
| 22 | Internal Assessment:
Internal assessment will start before the 3 days of external practical exam | 22-Nov-24 - 25-Nov-24 | 06-Dec-24 - 09-Dec-24 | 20-Dec-24 - 23-Dec-24 |
| 23 | Schedule of Practical Exams | 26-Nov-24 - 30-Nov-24 | 10-Dec-24 - 13-Dec-24 | 24-Dec-24 - 28-Dec-24 |
| 24 | Submission of online practical marks
The portal opens on the first day of the practical exam and closes 5 days after the completion of practical exams. | 26-Nov-24 - 06-Dec-24 | 10-Dec-24 - 20-Dec-24 | 24-Dec-24 - 03-Jan-25 |
| 25 | Preparation Leave:
Preparation leave begin after practical exam and will end before the commencement of the theory exams. | 01-Dec-24 - 06-Dec-24 | 14-Dec-24 - 20-Dec-24 | 29-Dec-24 - 05-Jan-25 |
| 26 | Schedule of Theory Exams: | 07-Dec-24 - 17-Dec-24 | 21-Dec-24 - 01-Jan-25 | 06-Jan-25 - 13-Jan-25 |
| 27 | Submission of Online Sessional Marks:
The portal opens at the start of the theory exam and closes 5 days after the completion of theory exams. | 07-Dec-24 - 23-Dec-24 | 21-Dec-24 - 06-Jan-25 | 08-Jan-25 - 17-Jan-25 |
| 28 | Winter / Semester Break : | 18-Dec-24 - 22-Dec-24 | 02-Jan-25 - 05-Jan-25 | 14-Jan-25 - 19-Jan-25 |
| 29 | Result Declaration: | 15-Feb-25 | 02-Mar-25 | 29-Mar-25 |

Note:

- 1). Google form link for providing syllabus coverage : <https://forms.gle/PwAz39H7mC77deCp7>
- 2). Dates may be preponed or postponed. Any changes will be notified on the website.
- 3). The Revaluation form will be open for 10 days, and the Re-Revaluation form will be available for 7 days after the result declaration

I/C Exam

Registrar

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

ACADEMIC CALENDAR, PROVIDED BY CSVTU FOR SESSION APRIL – MAY 2025

Chhattisgarh Swami Vivekanand Technical University (Academic Calendar-2024-2025)

Session (July-Dec - 2024)

| SN | Activity | Bachelor of Pharmacy
7th Semester | Bachelor of Pharmacy
5th Semester | Bachelor of Pharmacy
3rd Semester |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| 1 | Schedule of classes: | 29-Jul-24 To 21-Nov-24 | 20-Aug-24 To 05-Dec-24 | 03-Sep-24 To 19-Dec-24 |
| 2 | Induction program 1st Yr UG Students:
2 week | | | |
| 3 | Assignment-1:
To be given at least 15 working days before the start of CT-1. | 16-Aug-24 | 5-Sep-24 | 20-Sep-24 |
| 4 | Inter-Branch / College Level Sports Competition | 23-Sep-24 - 05-Oct-24 | 23-Sep-24 - 05-Oct-24 | 23-Sep-24 - 05-Oct-24 |
| 5 | Last Date for Evaluation of Assignment-1: | 7-Sep-24 | 25-Sep-24 | 9-Oct-24 |
| 6 | First Syllabus Coverage Submission to University via Google Link:
The Google link will be open for 3 working days when the Class Test (CT) begins. | 21-Sep-24 - 23-Sep-24 | 26-Sep-24 - 29-Sep-24 | 10-Oct-24 - 13-Oct-24 |
| 7 | Schedule of Class Test-1:
Class Test-1 will commence a minimum of 32 working days after the start of classes (40% syllabus coverage). | 21-Sep-24 - 25-Sep-24 | 26-Sep-24 - 01-Oct-24 | 10-Oct-24 - 15-Oct-24 |
| 8 | Deadline for Showing Answer Scripts of CT-1 and Displaying Marks to Students:
Task must be completed within 5 days after the conclusion of Class Test-1. | 12-Oct-24 | 7-Oct-24 | 19-Oct-24 |
| 9 | Assignment-2:
To be given at least 15 working days before the start of CT-2. | 8-Oct-24 | 23-Oct-24 | 6-Nov-24 |
| 10 | College Level Youth Techfest | 05-Nov-24 - 20-Nov-24 | 05-Nov-24 - 20-Nov-24 | 05-Nov-24 - 20-Nov-24 |
| 11 | Commencement Date for Submitting the Online Exam Form:
30 days before the commencement of exams. | 07-Nov-24 | 21-Nov-24 | 07-Dec-24 |
| 12 | Last Date for Evaluation of Assignment-2: | 25-Oct-24 | 11-Nov-24 | 26-Nov-24 |
| 13 | Last Date for Submitting the Online Exam Form Without Late Fees: | 11-Nov-24 | 25-Nov-24 | 11-Dec-24 |
| 14 | Second Syllabus Coverage Submission to University via Google Link:
The Google link will be open for 3 working days when CT-2 begins. | 08-Nov-24 - 11-Nov-24 | 23-Nov-24 - 27-Nov-24 | 07-Dec-24 - 10-Dec-24 |
| 15 | Semester Academic Review Meeting: | 11-Nov-24 | 27-Nov-24 | 10-Dec-24 |
| 16 | Schedule of Class Test-2:
Class Test-2 will commence at least 10 working days before the end of classes. | 08-Nov-24 - 13-Nov-24 | 23-Nov-24 - 28-Nov-24 | 07-Dec-24 - 12-Dec-24 |
| 17 | Last Date for Submitting the Online Exam Form With ₹30 Late Fees: | 15-Nov-24 | 29-Nov-24 | 15-Dec-24 |
| 18 | Last Date for Submitting the Online Exam Form With ₹120 Late Fees: | 19-Nov-24 | 03-Dec-24 | 19-Dec-24 |
| 19 | Last Date for Submitting the Online Exam Form With ₹200 Late Fees: | 23-Nov-24 | 07-Dec-24 | 23-Dec-24 |
| 20 | Deadline for Showing Answer Scripts of CT-2 and Displaying Marks to Students:
Task must be completed within 5 days after the conclusion of Class Test-2. | 19-Nov-24 | 3-Dec-24 | 17-Dec-24 |
| 21 | Last Date for Exam Form Approval by Institute: | 24-Nov-24 | 06-Dec-24 | 24-Dec-24 |
| 22 | Internal Assessment:
Internal assessment will start before the 3 days of external practical exam. | 22-Nov-24 - 25-Nov-24 | 06-Dec-24 - 09-Dec-24 | 20-Dec-24 - 23-Dec-24 |
| 23 | Schedule of Practical Exams | 26-Nov-24 - 30-Nov-24 | 10-Dec-24 - 13-Dec-24 | 24-Dec-24 - 28-Dec-24 |
| 24 | Submission of online practical marks
The portal opens on the first day of the practical exam and closes 5 days after the completion of practical exams. | 26-Nov-24 - 06-Dec-24 | 10-Dec-24 - 20-Dec-24 | 24-Dec-24 - 03-Jan-25 |
| 25 | Preparation Leave:
Preparation leave begin after practical exam and will end before the commencement of the theory exams. | 01-Dec-24 - 06-Dec-24 | 14-Dec-24 - 20-Dec-24 | 29-Dec-24 - 05-Jan-25 |
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2). Dates may be preponed or postponed. Any changes will be notified on the website.

3). The Revaluation form will be open for 10 days, and the Re-Revaluation form will be available for 7 days after the result declaration.

I/C Exam

Registrar

Maintenance of Course Files:

For each course, a course file is prepared by the concerned faculty. The course file consists of following items –

- **Vision, Mission and PEO of the Institute –**

- Vision, Mission and Program Educational Objectives (PEO) of the Institute is included in every course file.
- Faculty states about their efforts to achieve Vision, Mission and PEO of institute.

- **Student Detail**

- List of students of particular semester is included in the course file.

- **Academic Calendar & Time Table**

- Academic Calendar of Institute is prepared by the Academic Committee & Examination Committee as per the of academic calendar of university.
- On the basis of Academic Calendar, Time Table is prepared by the Academic Committee. Each faculty members incorporate their particular time table in the course file.

- **Syllbus**

- Every Subject in-charge (Faculty) incorporates the syllabus of their own subjects in the course file.

- **Semster Plan**

- Semster plan for each subject is preapared by the concern faculty according to the syllabus of the university.
- Subject in-charge prepares a pre plan for the lectures on the basis of academic calendar (no. of teaching days/hours).

- **Lesson Plan**

- Lesson plans are prepared for each lectures in the teaching plan by the faculty before the commencement of the semester and it is duly approved after careful examination by the Academic in-charge and Principal of the Institute.
- The lesson plan ecompasses the learning outcomes and the assessment of outcomes.

- **Program Outcome & Course Outcome**

- Program Outcome prescribed by NBA is annexured in each course file.
- Course Outcome for every course is prepared by each faculty for the particular subject and is incorporated in course file.

- **Course Outcome-Program Outcomes Matrix & Course Outcome – Practical Experiment Matrix**

- Each faculty maps a matrix between CO - PO and CO - Practical experiments of their respective subject.

- **Assignments**

- Questions of Assignment are also prepared and included in course file by the faculty.

- **Method of Evaluation**

- Method of evaluation of bright students and slow learner is planned and it is listed in every course file after assessing the performance of students in regular class tests & sessional exams.

- **Sessional Question Papers**

- Question papers of sessional exams are also annexured in their course file.

- **Performance of the Students in Class Test, Sessional Examination & End Semester Examination**

- Faculty annexure the marks obtained by students in class tests, sessional exams & end semester examinations in their file.

- **Result Analysis**

- Program Assessment Committee analyzes the result.
- The faculty member annexure result analysis of their respective subjects.

- **Course Outcome Attainments**

- Faculty members calculate the attainment of course outcome of their particular subjects.



Columbia Institute of Pharmacy, Raipur

| | |
|-------|--------------|
| Index | Year : I |
| | Semester : I |

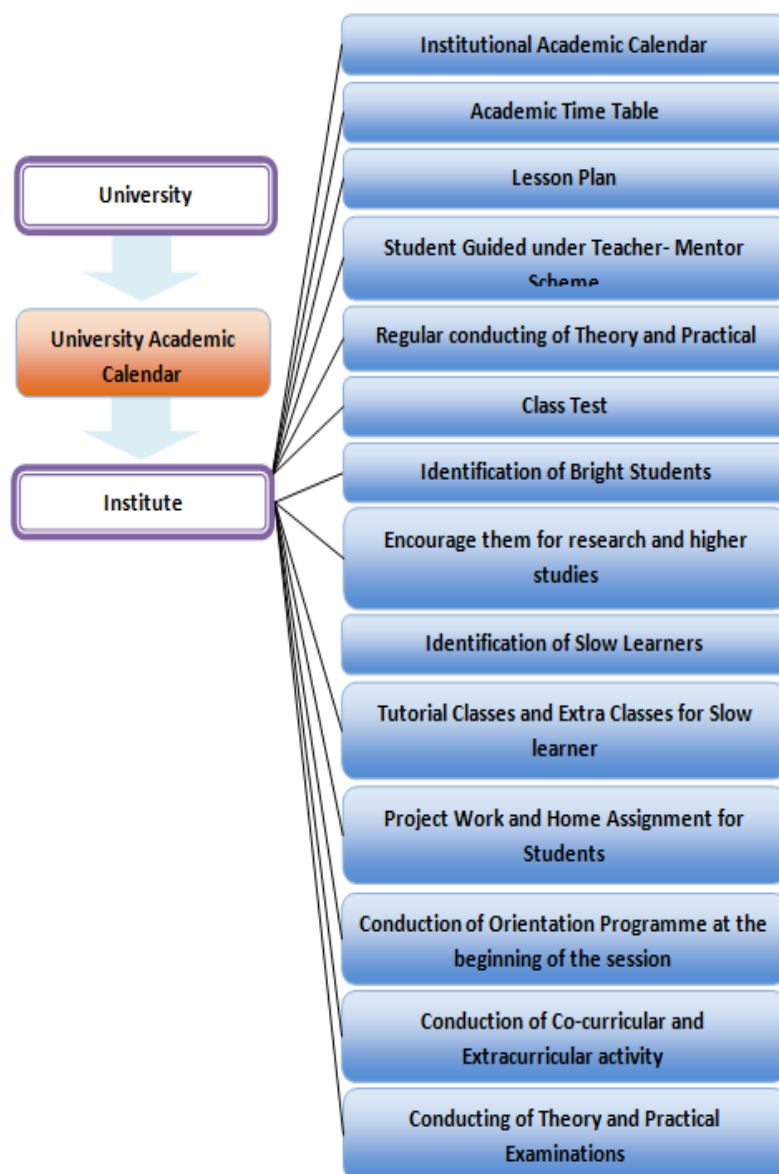
| Sl. No. | Content | Page No. |
|---------|------------------------------------------------------------------------------------|----------|
| 1. | Vision, Mission and PEO of the Institute | 2 |
| 2. | Student Details | 3-6 |
| 3. | Time Table | 7-8 |
| 4. | Syllabus | 9-11 |
| 5. | Semester Plan | 12-17 |
| 6. | Lesson Plan | 18-42 |
| 7. | Program Outcome | 43 |
| 8. | Course Outcome | 44 |
| 9. | Course Outcome – Program Outcome Matrix | 45 |
| 10. | Course Outcome- Practical Experiment Matrix | 46 |
| 11. | Assignment- | 47-48 |
| 12. | Method of Evaluation | 49 |
| 13. | Performance of the Students in Class Test | 50-53 |
| 14. | Sessional Question Papers and Performance of the Students in Sessional Examination | 54-63 |
| 15. | Performance of the Students in End Semester Examination | 64-67 |
| 16. | Result Analysis | 68-69 |
| 17. | Course Outcome Attainment | 70 |

2.2 Teaching-Learning Process (110)
Institute Marks (110)
2.2.1 Initiatives in teaching and learning process (25)
Institute Marks (25)

(Implemented teaching-learning process and Initiatives in improving instruction methods, using real world examples, collaborative learning, the quality of laboratory experiments with regard to conduct, record observations, analysis, Feedback collection process; collection, analysis and action taken etc. encouraging bright students, assisting weak students etc. The initiatives, implementation details and impact analysis need to be documented)

Teaching Learning Process-

The Institute has well defined teaching, learning and evaluation schedules which is as follows:


Fig 5 – Teaching-Learning Process

Teaching-Learning plan:

1. At the beginning of the session an Institutional academic calendar and Institutional annual calendar consisting of start of session, holidays, events, sessional examination, practical examination, preparation leave and end semester examination etc. is prepared, on the basis of calendar of the affiliating university the details are put in the notice board & sent as circular to the teaching and non-teaching staff.
2. Academic Time-Table is prepared by the academic-audit committee.
3. A lesson plan is prepared by individual faculty member after the syllabus allocation of syllabus.
4. When any faculty is on leave, another faculty engages the class which ensures continuation of classes.
5. Subject-wise workload is distributed to faculty by the Principal.
6. Regular classes and practical are conducted as per time-table and teaching program is started from the very first day of the session as notified by the university.
7. At the beginning of the session, orientation programme is conducted for the awareness of B. Pharm. I year students with basic concepts and fundamentals of course, scope of pharmacy programme and importance of different departments of the Institute.
8. Students are put under Student-Teacher mentor scheme where each faculty is made mentor for 10-15 students.
9. Personal/ academic difficulties of students are solved through teacher-mentor counselling.
10. Extra Classes/ Tutorial classes of each subject is also held for the better understanding of the subject.
11. Difficulties of students in any subject are solved in extra classes, as and when required.
12. Efforts are taken through curricular, co-curricular and extra-curricular activities for their all-round development.
13. Lesson plans are regularly monitored by the Academic in-charge and Principal.
14. Class tests are conducted regularly and on the basis of the performance slow

learners are identified and faculty give extra attention for their improvement. Subject materials and tutorial classes are provided to students.

15. The Institute conducts curricular, co-curricular and extracurricular activities regularly.

16. The evaluation is based on the pattern of distribution of marks by C.S.V.T.U., Bhilai.

A. Use of various instructional methods and pedagogical initiatives

Lectures/Presentations:

Lectures are the effective ways of achieving the program outcomes (POs) and course outcomes (COs). The course outcomes could not be better achieved without these. Lectures are the best ways to get facts, make students to think and understand the concepts. The teacher is always available to clear the doubts instantaneously. All these efforts provide a platform to cover and improve the ability to solve problems of students. Mode of delivery of lectures is power point presentations as well as chalk and board.

The course information and peripheral knowledge on the web are made available to promote learning.

Guest Lectures/Expert Talks:

Expert talks by the eminent persons working in pharmaceutical industries/research organizations/ practicing pharmacists help the students and the faculty to understand current trends in various spheres, which leads to the attainment of POs. External resource persons also add value to the program and help students to realize the link between education and real world in the profession. These talks act as bridge to fill the gaps and also develop rapport for meeting the future need of the

industries / research organization / universities. This promotes the habit of life-long learning.

Project-based learning:

During the period of study in the 7th to 8th semester, many real time projects are given to the students and they are guided by faculty.

SMART class Room:

Faculty use SMART class room for interactive teaching sessions.

Collaborative Learning:

Seminars, debates, group discussion, practical classes, tutorial classes etc. are organized to cultivate the culture of collaborative learning and independent learning. The students residing together in hostels are encouraged to discuss the subject amongst themselves in the evening hours.

Educational/Industrial Visits:

Visiting of resource centers, work places and research organizations, industries helps to explore all opportunities and have greater impact on the students. These allow the students to make real-life decisions. These have proved successful in career exploration, decision making and to become life-long learners.

Seminar:

Seminar serve as a platform for sharing knowledge/expertise in advanced areas, which results in collaboration and attempt for enhancement of the skills, techniques and modern tools necessary for the practice of pharmacy profession. Several POs can be attained in this manner.

Workshops:

The Institute organizes the orientation programs as a first step to introduce the students to the Institute and the course. As a part of this exercise, the Institute also

conducts workshops. This also helps in developing self learning process and support the lifelong learning.



Fig. 6: Different Initiatives in Teaching-Learning Process

B. Methodologies to support weak students and encourage bright students

Faculties of the institute give their 100% efforts to support weak students and encourage bright students. For the attainment of all POs and PEOs Institute follows teacher mentor scheme.

Guidelines to identify Weak Students/Slow Learners –

| Identification Methodology | Action Taken |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">• Under the teacher –mentor scheme every faculty regularly conducts meetings regarding progress of their mentees and are identifies the students who have scored less than 60% marks in their internal (sessional) examinations.• Subject in-charge of every subjects also identifies the slow learner on basis of class test marks and internal examinations (Below 60% Marks). | <ul style="list-style-type: none">• Teacher Mentor follows their progress regularly advising students about attending classes, making up classes missed, and getting additional helps.• Intimating parents to counsel their wards.• Conduction of Extra Classes.• Increases the number of class test & revision classes.• Formation of study group with bright students.• Gives extra attention to them during lecture. |

Guidelines to identify Bright Students –

| Identification Methodology | Action Taken |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">• Under the teacher –mentor scheme every faculty regularly conducts meetings regarding progress of their mentees and are identified the students who scored more than 60% marks in their internal (sessional) examinations.• Subject in-charge also identified the students scored more than 60% marks in class test and sessional examinations and mark them as a bright students. | <ul style="list-style-type: none">• Gives extra assignments.• Power point presentation by bright students to make them free from stage fear.• Institute gives opportunity of to topper of the institute of hoist the flag in the occasion of Republic day and Independence Day.• Motivate to give competitive exams (GPAT, Govt. Pharmacist etc.)• Motivates towards research activity and higher education through teacher mentor scheme.• Topper of the students awarded with cash prize as well as certificate of appreciation.• Enncourage the bright students to participate and present posters and research papers in various conferences, seminars in state as well as national level.• Encourage them to guide their weak classmates. |

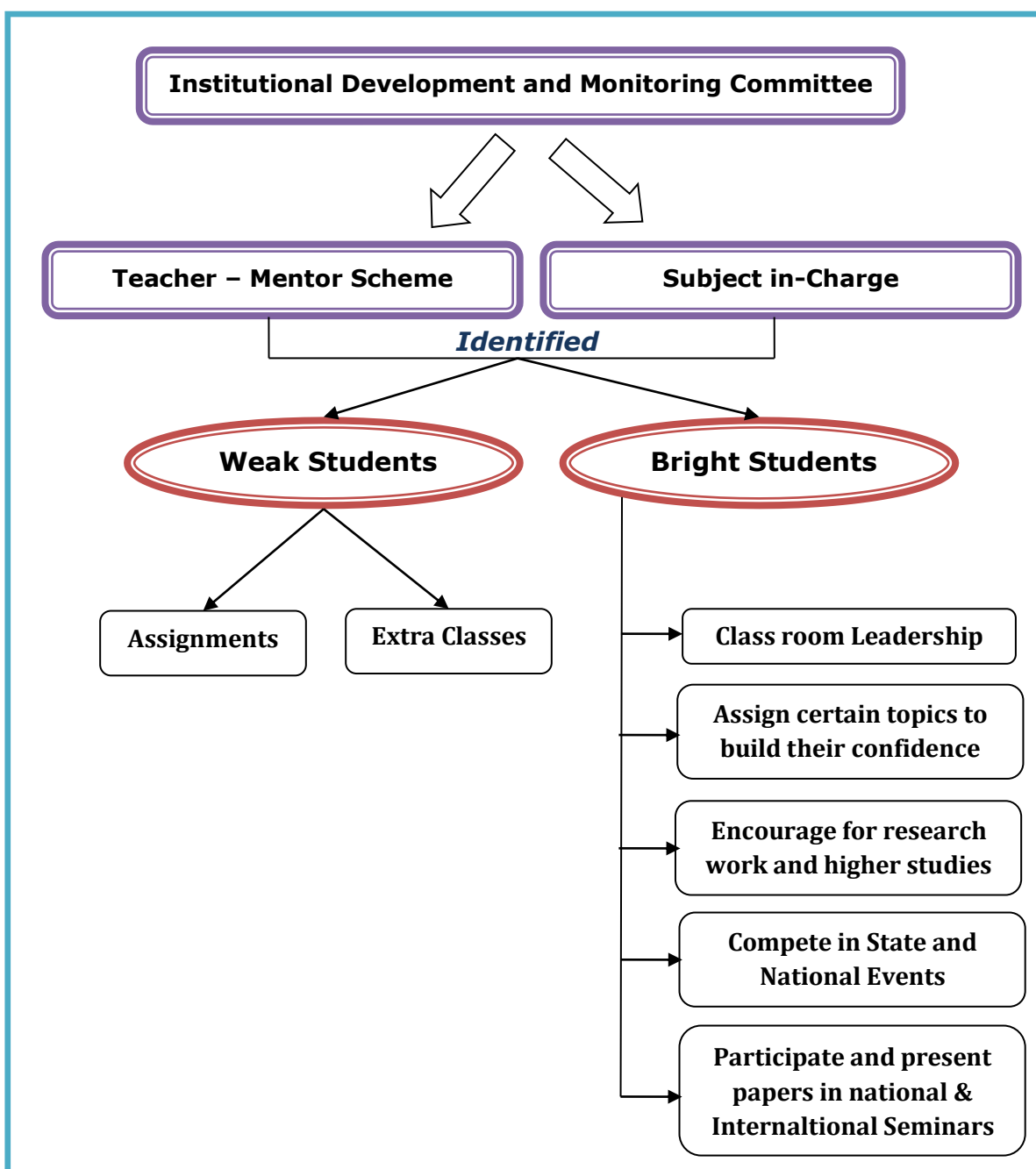


Fig 7: Methodologies to support weak students and encourage bright students

C. Quality of classroom teaching:

The following teaching methods are adopted by the faculty:

- Chalk and board method and PowerPoint presentation are the primary methods delivering lectures.
- Online availability of various journals in the digital library.
- Well structured lesson plans are prepared for all theory courses on a period to period basis.
- Faculty members are taking advantage of sources like DELNET, internet sources for effective teaching.
- Internet facility is available to students and faculty.
- The faculty encourages students to use the e-lecture from website. Lectures of our faculties are also uploaded on website. Students can view the lectures in their relevant time.

Lectures on following subject matter have been are uploaded in www.columbiaiop.ac.in

| Sl. No. | Name of faculty | Presentation title | Semester |
|---------|------------------------|---------------------------------------------------|------------------------|
| 1. | Ms. Poonam Sahu | The cell | B. Pharm II Semester |
| | | The cellular level of Organisation | |
| | | Lymphatic system | B. Pharm II Semester |
| | | Endocrine System | B. Pharm II Semester |
| 2. | Ms. Renuka verma | Route of drug administration | B. Pharm II Semester |
| 3. | Dr. Bibekanand Meher | Roles and responsibilities of Hospital pharmacist | B. Pharm VII Semester |
| 4. | Ms. Ruchi bhattacharya | Prostaglandins, thromboxanes and leukotrienes | B. Pharm VI Semester |
| | | Antigout drugs | B. Pharm VI Semester |
| 5. | Dr. Beena gidwani | Probability Distribution | B. Pharm VIII Semester |
| | | Pharmaceutical pellets | B. Pharm V Semester |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | |
|-----|--------------------|---------------------------------------------------------|----------------------|
| | | Capsules | B. Pharm V Semester |
| | | Pharmaceutical Aerosols | B. Pharm V Semester |
| 6. | Ms. Shilpa sahu | prevention of cruelty to animals act 1960 | B. Pharm VI Semester |
| | | Market Complaints: Types, SOP, Record and Logbook | B. Pharm VI Semester |
| | | Recalls: Types, Handling, Regulatory Guidelines and SOP | B. Pharm VI Semester |
| 7. | Mr. Gunjan kalyani | Pharmacophore Modelling | B. Pharm VI semester |
| | | Good Laboratory Practices | B. Pharm VI semester |
| | | Anti Arrhythmic Agents | B. Pharm VI semester |
| | | Molecular Docking | B. Pharm VI semester |
| | | Pharmacophore modelling | B. Pharm VI semester |
| | | Antihypertensive agents | B. Pharm VI semester |
| | | Cardiac arrhythmias | B. Pharm VI semester |
| 8. | Mr. Sagar sahu | History of pharmacopoeia | B. Pharm I semester |
| | | Carbonyl Compounds | B. Pharm I semester |
| | | Chloral Hydrate | B. Pharm I semester |
| | | Impurities and Source of Impurities | B. Pharm I semester |
| | | Pharmacopoeia | B. Pharm I semester |
| 9. | Ms. Prakriti Diwan | Gibbs free energy and Equilibrium | B. Pharm IV semester |
| 10. | Dr. Monika bhairam | Drug legislation in india | B.pharm V semester |
| | | Designing of Pharmaceuticals | |
| | | Recent Advances in Tablet Technology | |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | |
|-----|---------------------------|------------------------------------------------------|------------------------|
| 11. | Dr. Disha kesharwani | Correlation | B. Pharm VIII semester |
| | | Registration of indian drugs in overseas market | B. Pharm VIII semester |
| | | Introduction to biostatistics | B. Pharm VIII semester |
| | | Drug Discovery and Development | B. Pharm VIII Semester |
| 12. | Ms. Ruchi | Central nervous system | B. Pharm VI Semester |
| 13. | Dr. Shashikant chandrakar | Prescription | B. Pharm I Semester |
| | | Excipients used in formulation of liquid dosage form | B. Pharm I Semester |
| | | Mechanism of drug absorption through git | B. Pharm VI Semester |
| | | Measurement of bioavailability | B. Pharm VI Semester |
| | | Properties of polymers | B. Pharm VI Semester |
| | | Controlled drug delivery system | B. Pharm VIII Semester |
| 14. | Ms. Sandhya mishra | Role of Major Biomolecules in the Human body | B. Pharm II Semester |
| | | Plant Location Industrial Hazards and Plant Safety | B. Pharm II Semester |
| 15. | Mr. Mahendra Kumar Sahu | Quality Assurance, Quality Control, TQM | B. Pharm VIII Semester |
| | | ISO 9000 and 14000 | B. Pharm VIII Semester |
| | | Sterioisomers, optical isomerism and Nomenclature | B. Pharm III Semester |
| 16. | Mr. Swapnil Lall | Biosensors | B. Pharm VI Semester |
| | | Bioreactors | B. Pharm VI Semester |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | |
|------------|-------------------------|----------------------------------------------------------------|----------------------|
| | | Effective communication skills | B. Pharm II Semester |
| | | 7C's of Communication | B. Pharm II Semester |
| | | Ecosystem | B. Pharm II Semester |
| | | Food Chain, Food web, Ecological Pyramid | B. Pharm II Semester |
| | | Personal Grooming | B. Pharm II Semester |
| | | Time Management | B. Pharm II Semester |
| 17. | Mr. Piyush Sahu | Designing of Aseptic area | B. Pharm IV semester |
| | | Microbiological Assay | B. Pharm IV semester |
| 18. | Ms. Ayushi Gupta | Local Anesthetics | B. Pharm IV semester |
| | | Pharmacology of Peptic Ulcer | B. Pharm VI semester |
| 19. | Mr. Shiv Kumar Bhardwaj | Digestive System | B. Pharm II semester |
| | | Urinary System | B. Pharm II semester |
| | | Local Anaesthetics | B. Pharm IV semester |
| | | Antihypertensive drugs | B. Pharm IV semester |
| 20. | Mr. Gaurav Verma | Matrix | B. pharm I Sem |
| | | Integration by parts | B. pharm I Sem |
| | | Laboratory Information Management System | B. pharm I Sem |
| | | Text Information Management system | B. pharm I Sem |
| 21. | Ms. Anjali Sinha | WHO Guidelines on GACP for Medicinal Plants | B. Pharm VI semester |
| | | Indian System of Medicine | B. Pharm VI semester |
| 22. | Ms. Vedika Vaishnav | WHO and ICH Guidelines for Assessment of Herbal Drug Stability | B. Pharm VI semester |
| | | Patenting Aspects of Natural Products | B. Pharm VI semester |

D. Conduct of Experiments:

- Curriculum stipulates 4 to 5 laboratory courses per semester from 1st to 8th Semesters.
- Students carry out more than the required number of experiments, beyond the minimum specified by the university in many subjects.
- Each laboratory has appropriate facilities i.e. work space, equipments, glassware etc.
- For each experiment detailed instruction manuals are provided.
- The observations are checked and verified by the faculty and record books are maintained systematically.

E. Continuous Assessment in Laboratory:

- Continuous assessment system is also implemented for assessment of laboratory work.
- The assessment is done on the basis of submission of practical records and understanding of the experiment through oral viva voce questions and participation in performing the experiment.
- Practical Viva Voce mark is displayed on notice board positively on 2nd day of experiment to make aware the students about their performance.
- Proper maintenance of practical record is also given weightage in the assessment.

F. Student feedback of teaching learning process and action taken:

At the end of the semester, all the students are required to fill a feedback for appraising the faculty using a scale 1 (Avg.) through 3 (excellent).

- Lecture classes are monitored by Academic in-charge. They give constructive comments to improve the quality of teaching and teaching – learning process.
- Counselling by the Program Assessment & IDMC committee members for those faculty members who have secured low scores and negative

comments, if any, in the feedback. This motivates them to improve their skills and abilities.

- Faculty training program are conducted by the professional experts to excel the skills of the faculty members the teaching, thus improveing the efficiency of teaching – learning process.

TEMPLATE OF TEACHING LEARNING PROCESS FEEDBACK
FORM



COLUMBIA INSTITUTE OF PHARMACY

(Affiliated to CSVTU, Bilai)

Approved by AICTE (New Delhi)

Near Vidhansabha, Village – Tekari, Raipur (C.G.) Website – www.columbiaiop.ac.in
Ph. No. – 07721-266302/303, 0771-6456853 E-mail – cipraipur@gmail.com

FEEDBACK FORM FOR TEACHER EVALUATION BY STUDENTS

(Academic Session)

Note: This questionnaire has been designed by Columbia Institute of Pharmacy to seek a feedback from the student to strengthen the quality of teaching-learning environment and to look for opportunities to improve teacher's performance in classroom engagement with students to bring excellence in teaching and learning.

Name of Faculty:..... Subject: Subject Code:


In the following table tick (✓) the appropriate choice for each point.

| Rating → | | Avg.
(1) | Good
(2) | Excellent
(3) |
|-----------------------------------------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|
| Subject ↓ | | | | |
| Time Sense | 1 | Regularity in the Class | | |
| | 2 | Complete syllabus of the course in time | | |
| | 3 | Scheduled organization of assignments, class test, quizzes and seminars | | |
| Subject Command | 4 | Focus on syllabi | | |
| | 5 | Conducting the classroom discussions | | |
| | 6 | Delivery of structured lecture | | |
| | 7 | Skill of linking subject to life experience & creating interest in the subject | | |
| Use of Teaching Methods/ Teaching Aids | 8 | Refers to latest developments in the field | | |
| | 9 | Uses of teaching aids (OHP/Blackboard/PPT's) | | |
| | 10 | Uses of innovative teaching methods | | |
| Helping Attitude | 11 | Helps student in providing study material which is not readily available in the text books say through e-resources, e-journals, reference books, open course wares etc. | | |
| | 12 | Helps students irrespective of ethnicity and culture/background | | |
| | 13 | Approach towards developing professional skills among students | | |
| | 14 | Helps students in realizing career goals | | |
| Laboratory Interaction (Only for Laboratory Course) | 15 | Regular checking of laboratory note books or taking viva voce | | |
| | 16 | Help students in exploring the area of study involved in the experiment | | |
| Class Control | 17 | Skill of addressing inappropriate behavior of student | | |
| | 18 | Acts as a role model | | |
| TOTAL | | | | |

Date :

Signature of the Students

**FORMAT OF STAKEHOLDER'S FEEDBACK FORM FOR
IDENTIFYING GAPS IN PHARMACY CURRICULUM**

 **COLUMBIA** INSTITUTE OF PHARMACY
(Affiliated to CSVTU, Bilai Approved by AICTE (New Delhi))
Near Vidhansabha, Village – Tekari, Raipur (C.G.) Website – www.columbiaiop.ac.in
Ph. No. – 07721-266302/303, 0771-6456853 E-mail – cipraipur@gmail.com

FEEDBACK FORM STAKEHOLDERS
(Identifying gap analysis in pharmacy curriculum)


The purpose of this feedback is to obtain your input on the quality of the Pharmacy Program at CIP and to assess if the academic Program Objectives/Outcomes are met. Your response is the key part of our continuous improvement process and is critical to our NBA accreditation endeavor.

Organization Information-
Name: Purnendra Sahu
Occupation: Student (), Academician (), Alumni (☒) Industrialist ()
Name of the Organization: IITHMR
Designation: MBA (Pharma)
Year of Graduation: 2022

Pharmacy Program Objectives/Outcomes:
Your experiences please rate the degree to which CIP prepared you as graduates to achieve the indicated Program Objectives/Outcomes.
Please tick (✓) in the appropriate box for you degree of satisfaction.
1. Average 2. Good 3. Excellent

| S. No. | Program objectives/ outcomes prepared for | Average 1 | Good 2 | Excellent 3 |
|--------|-------------------------------------------|-----------|--------|-------------|
| 1 | Pharmacy Knowledge | | | ✓ |
| 2 | Planning Ability | | | ✓ |
| 3 | Problem Analysis | | ✓ | |
| 4 | Modern Tool Usage | | | ✓ |
| 5 | Leadership Skill | | | ✓ |
| 6 | Professional Identity | | ✓ | |
| 7 | Pharmaceutical Ethics | | | ✓ |
| 8 | Communication | | ✓ | |
| 9 | The Pharmacist and Society | | | ✓ |
| 10 | Environment and Sustainability | | | ✓ |
| 11 | Life-long learning | | ✓ | |

Suggestion for improvement in attainment of Pos through Pharmacy Curriculum –
1.
2. none
3.


Signature

2.2.2 Quality of internal semester question papers, assignments and evaluation (10)
Institute Marks (10)

(Mention the initiatives, implementation details and impact analysis related to quality assurance of semester question papers, assignments that encourage and empower the students to develop skills and higher orders of learning and evaluation)

Process for internal semester question paper setting, evaluation and effective process implementation

- As per the CSVTU regulations, the components to theory are 30% and practical 40% for internal assessment. The remaining 70% (60% for practicals) is included in university assessment.
- Institute has an Examination Committee for the conduction of internal sessional and practical examination.
- Examination Cell emails a notice to the subject teacher before the 15 days of internal examination for question paper setting.
- Faculty members prepare the question paper as per the prescribed format by examination cell.
- In general practice a minimum two modules of syllabus covered in 1st sessional examination while remaining modules are included in 2nd sessional.
- Internal question paper containing both short and long type of question paper.

Internal Assessment in a Year

| Component | Nature of Exam | Quality of Question Paper | Items Covered |
|------------------------|-----------------------|---------------------------|-------------------------------------------------------------------------|
| Internal Theory | First sessional exam | Good | Short essay and long essay questions |
| | Second sessional exam | Good | Short essay and long essay questions |
| Practical | Daily Evaluation | Good | Planning, analysis of lab skills, finishing the experiment |
| | Practical examination | Good | Synopsis, spotting and viva-voce, major experiment and minor experiment |
| | Laboratory manual | Good | Communication, data interpretation |
| Beyond Syllabus | Mock Test (GPAT) | Good | Multiple choice questions |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

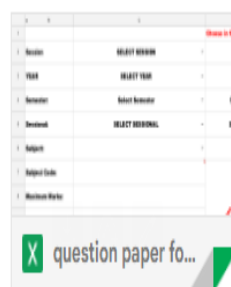
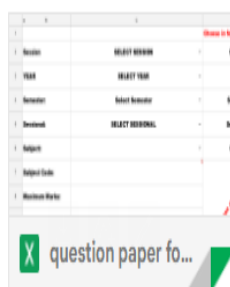
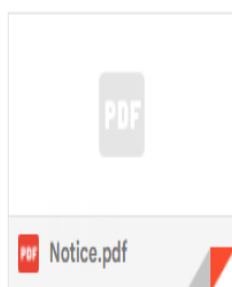
Dear All,

Please find the attached time table and Question Paper format of the above mentioned semester. All the Concerned Subject in-charge are requested to submit the sessional question paper positively on or before **21/04/2025**.

Exam Section, Ext. No. 109

Columbia Institute of Pharmacy, Raipur

4 Attachments • Scanned by Gmail ⓘ



SAMPLE OF EMAIL-TO ALL FACULTY MEMBERS FOR QUESTION PAPER SETTING.

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| COLUMBIA INSTITUTE OF PHARMACY, RAIPUR | | | | Session: | April - May | 2025 |
|--------------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------|------------------------------------|-----------------------|-------------|------------------------------|
| B. Pharm | 6th | Semester | I | Sessional Examination | Max. Marks: | 30 |
| Subject: | Herbal Drug Technology - Theory (BP603T) | | | Date: | 9/4/2025 | |
| Subject Code: | 341653(41) | Time: | 1 hour | | | |
| Questions (Indicate the matching of CO with questions) | | | | | | CO Matching (E.g CO1,CO2...) |
| Q. A Multiple Choice questions (Attempt all question) | | | | | | 10x1=10 |
| 1. The word herb is derived from | | | | | | |
| a. A. Herbarium | b. B. Herba | c. C. Herbasum | d. D. Harba | | CO1 | |
| 2. What is the scientific name of St. John's Wort (Groatweed)? | | | | | | |
| a. Hypericum perforatum | b. Hypericum androsaemon | c. Hypericum calycinum | d. Hypericum humifusum | | CO3 | |
| 3. Which of the following is an example of a biopesticide? | | | | | | |
| a. Glyphosate | b. Bacillus thuringiensis (Bt) | c. DDT | d. Paraquat | | CO1 | |
| 4. Lycopene, known for its antioxidant properties, is abundant in: | | | | | | |
| a. Carrots | b. Spinach | c. Tomatoes | d. Blueberries | | CO3 | |
| 5. What is the major active component of Ginseng responsible for its medicinal properties? | | | | | | |
| a. Ginkgolides | b. Saponins | c. Ginsenosides | d. Flavonoids | | CO3 | |
| 6. The term "Puta" in Putapaka method refers to which process? | | | | | | |
| a. A. Grinding with herbal juices | b. B. Incineration of metals/minerals | c. C. Mixing with cow urine for purification | d. D. Fermentation of herbal drugs | | CO1 | |
| Name and Signature of Subject - in - Charge | | | | | | |

| COLUMBIA INSTITUTE OF PHARMACY, RAIPUR | | | | Session: | April - May | 2025 |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------|-------------------------------------------------|-----------------------|-------------|------------------------------|
| B. Pharm | 6th | Semester | I | Sessional Examination | Max. Marks: | 30 |
| Subject: | Herbal Drug Technology - Theory (BP603T) | | | Date: | 9/4/2025 | |
| Subject Code: | 341653(41) | Time: | 1 hour | | | |
| Questions (Indicate the matching of CO with questions) | | | | | | CO Matching (E.g CO1,CO2...) |
| 7. Which of the following is NOT a primary process in herbal drug preparation? | | | | | | |
| a. Drying | b. Grinding | c. Extraction | d. Genetic Modification | | CO1 | |
| 8. What is the purpose of the Shodhana process in Bhasma preparation? | | | | | | |
| a. A. To enhance the taste of the drug | b. B. To remove impurities and detoxify metals/minerals | c. C. To increase the solubility of the drug | d. D. To improve the color of the final product | | CO1 | |
| 9. Which of the following is NOT a source of herbal raw materials? | | | | | | |
| a. Wild sources | b. Cultivated plants | c. Synthetic chemical synthesis | d. Tissue culture | | CO1 | |
| 10. Siddha system of medicine originate from | | | | | | |
| a. A. Tamil culture | b. B. Bengali culture | c. C. Punjabi culture | d. D. North east culture | | CO1 | |
| Q. B Long Answer Type questions (Attempt any one question) | | | | | | 1x10=10 |
| 1. Describe the selection, identification, and authentication of herbal raw materials. | | | | | | CO1 |
| 2. Explain the role of nutraceuticals in managing Diabetes, CVS, and Cancer. | | | | | | CO3 |
| Q. C Short answer type question (Attempt any two questions) | | | | | | 2x5=10 |
| 1. Explain 'Bhasma' in Ayurvedic formulations. | | | | | | CO1 |
| 2. Write preparations and standardization of Arishta | | | | | | CO1 |
| 3. Briefly Explain good agricultural practices (GAP) in the cultivation of medicinal plants. | | | | | | CO1 |
| Name and Signature of Subject - in - Charge | | | | | | |

SAMPLE OF INTERNAL QUESTION PAPER

Evaluation Process –

- After the completion of internal examination subject teacher evaluates their internal examination answer sheets of their respective subject.

Implementation Process –

- Institute's Academic Committee and Institutional Development and Monitoring Committee (IDMC) assure the quality of question papers.
- Academic Committee and IDMC suggests to the Examination committee modify the pattern of questions in the internal question papers whenever required.

Quality of Evaluation –

- Subject in-charge evaluates all the answersheet of students of their respective subjects within 10 days of completion of I and II Sessional.
- “Teacher Assessment” marks awarded to students on the basis of marks obtained in sessional exams, class test and their attendance in the class.
- It is compulsory to display marks obtained in Sessional examination in the examination notice board.
- The evaluation process is monitored by IDMC.
- After the evaluation of internal exams, program assessment committee assess the attainment of CO through result of sessional exams.
- Program Assessment Committee identifies slow learners as well as bright students of every semester.
- Program Assessment Committee submits the list of slow learner and bright students to Academic Committee.

Assignment Evaluation:

- Assignment, make a student more confident and self-reliant. At least 2-3 assignments per theory subjects are given to students. These assignments are evaluated and discussed with students. The marks are given to the rubric based. The obtained marks are gets added to theory continuous mode.

- The internal assessment papers are evaluated and shared with the students. Discussion with regard to their performance is done and suggestions are given to improve on the way they answer the questions.

Sample of Assignment given to students

Janpragati Education Society's
Columbia Institute of Pharmacy, Tekari, Raipur (C.G.)
B.Pharm V Sem (2024-25)

Assignment 1
PELLETS [Marks 25]

Subject - Formulative Pharmacy

Submit in handwritten till 7th September 2024

Write short answer –

1. Define pellets [2]
2. Differentiate between pellets and granules [2]
3. What is pelletization [2]
4. Define cryopelletization [2]
5. Name the mechanism for pellet formation [3]

Long answer type question –

1. Classify the methods of pelletization [3]
2. Explain Extrusion-spheronization technique with diagram [3]

MCO [8]

1. The size of pellets ranges fromto
2. The porosity in pellets is
a. Low b. high c. both d. none
3. The methods of Globulation are and
4. Vitamins are prepared and coated bymethod
5. A process whereby droplet of a liquid formulation are converted into solid spherical pellet by using liquid nitrogen as fixing medium at - 160 °C is called
6. Pellets are prepared by –
a. Size enlargement b. size reduction c. both d. none
7. High porosity of 20-50% is for
a. Pellets b. granules c. tablets d. capsules
8. Name any two marketed preparation of pellets

-----X-----

Assignment Evaluation

Rubrics for Assignment Evaluation:

Name of Candidate: _____

Roll.No. _____

Course: _____

Subject name _____

Subject code _____

Assignment Given Date: _____

Assignment Submission Date _____

Parameters /criteria for evaluation of assignment

- Assignment submitted on date
- Assignment submitted late
- Technical content of assignment
- Presentation and clarity of work

Total marks obtained

Signature of subject teacher

Signature of Principal

2.2.3 Quality of Students projects (15)**Institute Marks (15)**

(Quality of the project is measured in terms of consideration to factors including, but not limited to, cost, type {application, product, research, review etc.} environment, safety, ethics and standards. Processes related to project identification, allotment, continuous monitoring, evaluation including demonstration of working prototypes, and to enhance the relevance of projects. Mention Implementation details including details of POs addressed through the projects with justification)

Initiatives

- The student's projects are selected in line with Vision, Mission and Program Outcomes.
- Students are provided with brief idea of various fields for selecting the project ideas.
- The list of previous year projects are displayed at notice board which ensures no repetition to project work and also encourages students to enhance the previous works.
- The faculty encourage students to participate in project exhibitions. The project exhibition is aimed to provide common platform to exhibit their innovations and their work towards excellence in latest technology.
- The faculty encourage students to publish their project work in reputed journals/conferences.

Impact Analysis

- Skills or abilities of students is improved.
- Knowledge on various aspects of project management are developed.
- Confidence level of the students was boosted.

- Improved teamwork spirit.
- Implementation and development of the project for the benefit of profession and society.
- Document preparation and presentation.

Identification of projects and allocation methodology to Faculty Members. (3)

- A Staff Council Meeting of Principal with all faculty members is organized in every semester for the selection of supervisor for the Minor and Major Project of students.
- Students meet their respective supervisor to explore their idea for the choice of Project title.
- Faculty analyze the interest of the students in different areas of research.
- After the selection of Supervisor a meeting is again organize for the finalization of research topic with the help of scientific/research committee and Principal.
- After the overall steps project topic decides and allocated to the students.

Types and relevance of the projects and their contribution towards attainment of PO's.

- All the academic projects of UG students are mapped to Pos.
- Each project is evaluated with internal makrs and are graded according to their project quality and with their contribution towards attainment of PO's.

Process for monitoring and evaluation

- A Institutional Scientific/Research Committee meeting with all faculty members is organized for the discussion about the progress of projects.
- Institutional Scientific/Research Committee monitors regularly for the progress of projects and assure the quality of projects.
- Students deliver presentation about the progress of their projects periodically.
- Institutional Scientific/Research Committee evaluate their projects.

Process to assess individual and team performance

- Project progress presentation is conducted once in every month by the each students and their respective guide, a professor cadre faculty, an associative professor.
- Each student is assessed on the basis of their presentation skill set to deliver the seminar, explain the concept and way to make project assess team to understand their work.
- Each individual's performance is purely based on their project presentation and the viva voice and progress work.

Quality of completed projects/working prototypes

- The students submit the dissertation and delivers the final presentation in front of external examiner appointed by the university.
- The projects are evaluated and are awarded internal assessment marks for maximum 100 and are graded according to the project contribution towards attainment of PO's.

**PARTICULARS OF MAJOR PROJECTS UNDERTAKEN
BY THE STUDENTS OF
B. PHARM. 8TH SEMESTER (2024-25)**

| STUDENT NAME | TITLE | SUPERVISOR | Relevance To POs | Relevance to PEOs |
|---------------------|------------------------------------------------------------|---------------------------|--------------------------|-------------------|
| Aryan Mishra | Review on modern technologies of Transdermal drug delivery | Prof. Shiv Shankar Shukla | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2 |
| Karan Tiwari | Review on role 3d printing technologies in drug delivery | Prof. Shiv Shankar Shukla | PO1, PO2, PO3, PO4, | PEO1 , PEO 2 |
| Aman Kumar | Allergies in human body & its treatment | Dr. Bina Gidwani | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Ankit Yadav | Herbal treatment for respiratory disorder | Dr. Bina Gidwani | PO1, PO2, PO3, PO7 | PEO1 , PEO 2, |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|-----------------------------|--------------------------------------------------------------------|---------------------------|---------------------|---------------------|
| Annapurna Bharatdwaj | Treatment for calcium deficiency in women | Dr. Bina Gidwani | PO1, PO2, PO3, PO11 | PEO1 , PEO 2, PEO 3 |
| Aarti Jadwani | Polymerized cyclodextrins/stem cell therapy | Dr. Bina Gidwani | PO1, PO2, PO3, PO9, | PEO1 , PEO 2, |
| Alish Masih | Artificial Intelligence in Pharmaceuticals | Dr. Bina Gidwani | PO1, PO2, PO3 | PEO1 , PEO 2, PEO 3 |
| Akanksha Verma | Genetic medicine for treatment of viral infection | Dr. Shashikant Chandrakar | PO1, PO2, PO3 | PEO1 , PEO 2, PEO 3 |
| Ashish Bais | Brain targeting through nasal drug delivery system | Dr. Shashikant Chandrakar | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Ashish Dhritlahre | Intrathecal drug delivery system : An updated review | Dr. Shashikant Chandrakar | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Babita Singh | Microchips and controlled drug delivery system | Dr. Shashikant Chandrakar | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Bhawana Kushwaha | Microfluidic system for treatment of cario vascular disease | Dr. Shashikant Chandrakar | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Bhagirathi Sahu | Herbal treatment for CNS | Dr. Neha Dubey | PO1 PO2, PO3, PO10 | PEO1 , PEO 2, |
| Damini Verma | A Review on Current status of herbal drug in Chhattisgarh (Review) | Dr. Neha Dubey | PO1 PO2, PO3, PO10 | PEO1 , PEO 2, |
| Bholeshwar Dhruw | Curent scevario of pharmaceutical & herbal medicine | Dr. Neha Dubey | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, PEO 3 |
| Bawanishankar Sahu | Combination of synthetic & herbal treatment of amebiasis | Dr. Neha Dubey | PO1, PO2, PO3, PO1 | PEO1 , PEO 2, PEO 3 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------|---------------------|---------------------|
| | | | 0 | |
| Chaitanya Yadu | Combination of synthetic & herbal drug used in Alzheimer | Dr. Neha Dubey | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| ChhammanChandravanshi | Reverse Pharmacology in Drug Discovery | Dr. Trilochan Satapathy | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Deepak Kumar Sahu | Online sales of Pharmaceuticals: Advantages & disadvantages | Dr. Trilochan Satapathy | PO1 PO2, PO3 | PEO1 , PEO 2, |
| Dhanraj | Role of Pharmacist towards Public health & Technology | Dr. Trilochan Satapathy | PO1 PO2, PO3, PO9 | PEO1 , PEO 2, PEO 3 |
| Deepika Navrange | Career planning after B.Pharm in India & Abroad | Dr. Trilochan Satapathy | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Devendra Kumar Sahu | Job opportunities for Pharm.D graduates | Dr. Trilochan Satapathy | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Devendra Pratap | Advances in novel carrier system | Dr. Disha Kesharwani | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Devesh Kumar | A review on safe disposal of drugs | Dr. Disha Kesharwani | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, PEO 3 |
| Dewika Sahu | Recent advancements on combination therapy of synthetic drugs & herbal bioactives for breast cancer | Dr. Disha Kesharwani | PO1 PO10 | PEO1 , PEO 2, PEO 3 |
| Devshree Sharma | AI in diagnostics and treatment | Dr. Disha Kesharwani | PO1, PO2, PO3 | PEO1 , PEO 2, PEO 3 |
| Dikesh | Comparative review on polymer based & lipid based novel carrier systems | Dr. Disha Kesharwani | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Digeshwar Sahu | Novel ethosomal system for efficient delivery of plant based | Dr. Monika Bhairam | PO1, PO2, PO3 | PEO1 , PEO 2, |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|-----------------------------|----------------------------------------------------------------------------------------------------------|--------------------|----------------------|---------------------|
| | bioactives | | PO10 | |
| Devansh Tiwari | Phytomes as emerging nanocurios:
advancing the frontiers of herbal drug delivery | Dr. Monika Bhairam | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| Gaurav Harjpal | Tridar Daisy: ethopharmacology, Phytochemistry and clinical prospective | Dr. Monika Bhairam | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Gurucharan | Wearable device in drug adherence monitoring, Innovation and application | Dr. Monika Bhairam | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Geetanshu Sahu | Oral nanotechnology in antidiabetic phytotherapy: A revolutionary approach for type II Diabetes mellitus | Dr. Monika Bhairam | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| Ghansyam Chakradhari | Regulatory aspects of nanosuspensions | Ms. Sandhya Mishra | PO1, PO2, PO3, PO7 | PEO1 , PEO 2, |
| Gaurav Sahu | Methods of enhancing solubility of drug: A review | Ms Sandhya Mishra | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Harsh Dewangan | Combination therapy of synthetic & herbal bioactives for eczema | Ms. Sandhya Mishra | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| Harshit Thakur | Drug Repurposing: An important tool for Drug Discovery | Ms. Sandhya Mishra | PO1, , PO2, PO3, PO4 | PEO1 , PEO 2, PEO 3 |
| Himanshi Sahu | A review on green nanotechnology | Ms. Sandhya Mishra | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, PEO 3 |
| Himanshu | An updated review on chemo-protective | Mr. Sagar Sahu | PO1, PO2, PO3 | PEO1 , PEO 2, |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|---------------------------|-----------------------------------------------------------------------------------------|--------------------|----------------------|---------------------|
| | agents | | | |
| Himanshu Gupta | An overview on hyphenated techniques - LCMS | Mr. Sagar Sahu | PO1,PO2, PO4 | PEO1 , PEO 2, PEO 3 |
| Himanshu Manikpuri | A P.harmacognostic account of flemingia Strobilifera | Mr. Sagar Sahu | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| Hirendra Sagar | A review on Manicom Mint. | Mr. Sagar Sahu | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, PEO 3 |
| Hulsi Patel | Pharmacognostic account of nelumbo neucifera | Mr. Sagar Sahu | PO1, PO10 | PEO1 , PEO 2, PEO 3 |
| Jagriti Nagpal | Glutathione as a Masster Antioxidant | Ms. Shilpa Sahu | PO1, PO2, PO3, | PEO1 , PEO 2, |
| Jha Dev Verma | Chemistry ,Biological Properties & Analytical Method of Chondroitin Sulphate | Ms. Shilpa Sahu | PO1, PO2, PO3 | PEO1 , PEO 2, PEO 3 |
| Johnson | Chemistry, Biological properties & Analytical methods of Glucosamine sulphate: A review | Ms. Shilpa Sahu | PO1, PO2, PO3 | PEO1 , PEO 2, PEO 3 |
| Jyoti Verma | Chemistry, Biological properties & Analytical methods of Probencid: A review | Ms. Shilpa Sahu | PO1, PO2, PO3, PO4 | PEO1 , PEO 2, PEO 3 |
| Kajal Dewangan | Chemistry, Biological properties & Analytical methods of Calchicina:A review | Ms. Shilpa Sahu | PO1, PO2, PO3, PO10, | PEO1 , PEO 2, |
| Kartavya Patel | Chemogenomics: An approach to Drug Discovery | Mr. Gunjan Kalyani | PO1, PO2, PO3, PO7 | PEO1 , PEO 2, |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------|---------------|
| Kavita Sahu | An updated review on Antimicrobial resistance | Mr. Gunjan Kalyani | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Keshav Kumar Verma | Chrono Tailored Drug Delivery System: An update | Mr. Gunjan Kalyani | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Khemraj Sahu | The Conception Consideration and Concern (3 Cs) of Plagiarism | Mr. Gunjan Kalyani | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Khilesh Sahu | An abridgement on intellectual Property Rights | Mr. Gunjan Kalyani | PO1, PO2, PO3, PO7 | PEO1 , PEO 2, |
| Khileshwar Sinha | Screening of Phytoconstituent from Traditional indigenous plants against Parkinson Disease Using molecular Docking approach | Mr. Rahul Goswami | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| Kriti Nishad | Phytochemistry, Ethano -Medicinal uses & Future Prospect of Chinese Herbal Medicine Astragali Radix | Mr. Rahul Goswami | PO1, PO2, PO3, PO9, PO10 | PEO1 , PEO 2, |
| Kumar Gaurav Sahu | A Review Current Approach of Drug Discovery: Bioinformatics Tools | Mr. Rahul Goswami | PO1, PO4 | PEO1 , PEO 2, |
| Kunal Yadav | Use of Cinnamic acid as an Essential Framework in The Drug Discovery and Development with Therapeutic Activity: An Insightful Analysis | Mr. Rahul Goswami | PO1, PO10, | PEO1 , PEO 2, |
| Kunal Yadu | A Comprehensive Review on Molecular Dynamics and Its Tools | Mr. Rahul Goswami | PO1, PO2, PO3, PO4 | PEO1 , PEO 2, |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------|------------------|
| Arvind Sahu | Phytochemistry, Ethano-
-Medicinal uses &
Future Prospect of
Roselle (Hibiscus
Subdariffa) | Mr. Rahul
Goswami | PO1,
PO2,
PO3,
PO10 | PEO1 ,
PEO 2, |
| Laxmi Dewangan | A Review Heterocyclic
based essential
framework for
development of
therapeutic agent and
analysis of SAR | Mr. Mahendra
Sahu | PO1 | PEO1 ,
PEO 2, |
| Manish Kumar | A – Comprehensive
review pharmacology
of Natural product
against
Neurodegenerative
disorder | Mr. Mahendra
Sahu | PO1,
PO10 | PEO1 ,
PEO 2, |
| Manisha Sahu | Computational and
pharmacological
approaches of herbal
medicine and their
metabolites for
infectious disease | Mr. Mahendra
Sahu | PO1,
PO10 | PEO1 ,
PEO 2, |
| Goyal Verma | Etnanopharmacology
approaches for
Nephropathy | Mr. Mahendra
Sahu | PO1,
PO2,
PO3,
PO10 | PEO1 ,
PEO 2, |
| Neelam Sahu | Network Pharmacology
and molecular docking
for Hepato protective
drug | Mr. Mahendra
Sahu | PO1,
PO2,
PO9,
PO11 | PEO1 ,
PEO 2, |
| Neelima Verma | A Review
:Endocrinology | Mr. Mahendra
Sahu | PO1,
PO2, PO3 | PEO1 ,
PEO 2, |
| Nikhil Kumar Sahu | Herbs use as mosquito
Repellents | Mr. Shiv
Bhardwaj | PO1,
PO10 | PEO1 ,
PEO 2, |
| Niraj Sahu | Etiology and
Pathophysiology of heart
attack and brain stroke in
current scenario | Mr. Shiv
Bhardwaj | PO1,
PO2, PO3 | PEO1 ,
PEO 2, |
| Niranjan Das | List of important
herbals for kidney | Mr. Shiv | PO1, | PEO1 ,
PEO 2, |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|---------------------------|---------------------------------------------------------------------------------------------|-------------------|---------------------|--------------------|
| | disorder | Bhardwaj | PO10 | PEO3 |
| Om Agrawal | Pharmacy institution and national institution, Importance in India | Mr. Shiv Bhardwaj | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Pankaj Kumar | Management of cardiovasalur disorder by using herbs | Mr. Shiv Bhardwaj | PO1, PO10 | PEO1 , PEO 2, |
| Paras Kumar Sahu | Herbal therapies for Leucodermal | Mr. Shiv Bhardwaj | PO1, PO10 | PEO1 , PEO 2, |
| Piyush Verma | Advancement in the standardization and quality control of herbal drug | Ms. Poonam Sahu | PO1, PO10 | PEO1 , PEO 2, |
| Pooja Sahu | The role of Novel drug delivery system in modern pharmacology | Ms. Poonam Sahu | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Pragya Sahu | Pharmacological role of Gut microbiology in drug delivery | Ms. PoonamSahu | PO1, PO2, PO3, PO4 | PEO1 , PEO 2, |
| Pratik Verma | Pharmacological role of inflammatory pathway. Targeting inflammation for disease management | Ms. Poonam Sahu | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Praveen Nishad | Pharmacological management of metabolic disorder | Ms. Poonam Sahu | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| Rahul Chandrakar | A review of Neurodegeneratine diseases and it's therapeutic approach | Ms. Poonam Sahu | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| Rahul Meher | Exploring the Anti-microbial therapy from the use of Indian herbs | Ms. Renuka Verma | PO1, PO10 | PEO1 , PEO 2, |
| Deepak Kumar Verma | Role of Nitric oxide donors in cardiovascular therapy | Ms. Renuka Verma | PO1, PO2, PO10 | PEO1 , PEO 2, PEO3 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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| Rashmi | comprehensive review on chemistry, Synthesis, Pharmacological, P'K, Pcodynanic & Analytical Methods for the estimation of Novel drug | Ms. Renuka Verma | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Rohit Kumar | A Novel Anti-inflammatory drugs. Mechanism and clinical potential | Ms. Renuka Verma | PO1, PO2, PO9 | PEO1 , PEO 2, PEO3 |
| Roshani Pathak | The role of Indian spices in drug bio-enhancer: Historical Insights & future challenges | Ms. Renuka Verma | PO1, PO2, PO9 | PEO1 , PEO 2, |
| Sakshi Kurre | Camparison between tirzepatide and Semaglutide | Ms. Renuka Verma | PO1, PO2 | PEO1 , PEO 2, |
| Rahul Rathore | Harnessing the potential of AI in Phicentic of Industry in aspect of research, pharmacovigilonce and Marketing | Mr. Shailendra Sharma | PO1, PO2, PO9 | PEO1 , PEO 2, |
| Sandeep Kumar | prominence of biomedical engineering Inspired nontheroputing for concet and neurological disorders | Mr. Shailendra Sharma | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, PEO3 |
| Seema | New insights and study on impact of chronopharmacology in our lifestyle. A comprehensive review | Mr. Shailendra Sharma | PO1, PO2 | PEO1 , PEO 2, PEO3 |
| Shalini Mahar | A systematic reviews of neurodiversity and criminal justice system: Pros and cons of fiction | Mr. Shailendra Sharma | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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| | Laws and prospective | | | |
| Shruti Kashyap | A structural review on import of etiquette Lifestyle, herbal medication, and clicky suplinends in treatment of DILI | Mr. Shailendra Sharma | PO1, PO9, PO10 | PEO1 , PEO 2, |
| Shubham Sahu | Exploring the role of Indian Herbs in the treatment of Rheumatoid Arthritis | Mr. Piyush Sahu | PO1, PO10 | PEO1 , PEO 2, |
| Shubham Sahu | Alcoholic liver disease: Pathophysiology, Diagnosis and treatment | Mr. Piyush Sahu | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Shweta | Role of Antiplatelet Therapy in the prevention and management of cardiovascular disease | Mr. Piyush Sahu | PO1, PO2 | PEO1 , PEO 2, |
| Suhani Singh | Exploring the role of Heparin in modern medicine and it's clinical application | Mr. Piyush Sahu | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Sukriya Sarkar | Role of Toxicology in understanding the effects of animal bites | Mr. Piyush Sahu | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Tamradhwaj | Herb-drug interactius a review | Ms. Neelima Janardan | PO1, PO2, PO3PO10 | PEO1 , PEO 2, |
| Ratna Devi | Ayurvedic herbal medicine for treatment of sickle cell anemia | Ms. Neelima Janardan | PO1, PO10 | PEO1 , PEO 2, |
| Taniya Nebhwani | Polyherbal formulations for antihepato toxic activity | Ms. Neelima Janardan | PO1, PO10 | PEO1 , PEO 2, |
| Tasmiya Khwaja | Standardization related problems associated to polyherbal | Ms. Neelima Janardan | PO1, PO10 | PEO1 , PEO 2, |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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| | formulations | | | |
| Samriddhi Rajput | herbal formulations for anti inflammatory drug activity | Ms. Neelima Janardan | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| Tushar Tripathi | Planter fasciitis | Ms. Manisha Verma | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Vasu Verma | Trigeminal neuralgia: Pathophysiology. diagnosis and treatment approaches | Ms. Manisha Verma | PO1, PO2 | PEO1 , PEO 2, PEO 3 |
| Ved Prakash Bandhe | Acetylcysteine Chemistry, pharmacology and analytical approaches for clinical application | Ms. Manisha Verma | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Vidhi Pushpakar | Indian Bael | Ms. Manisha Verma | PO1, PO2, PO3, PO9, PO10 | PEO1 , PEO 2, |
| Virendra Kumar Koshle | Pharmacognosy of Tanacetum parthenium: Phytochemical properties, Therapeutic uses and Medicinal potential | Ms. Manisha Verma | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Sandeep Kumar Kurre | Radioactive element Lutetium – 177 used in the treatment of Cancer Advancing Nuclear Medicine | Mr. Swapnil Lall | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Vinay Sahu | Nano Biotechnology – Applications in Medicine, Drug Discovery and Imaging | Mr. Swapnil Lall | PO1, PO2, PO7 | PEO1 , PEO 2, |
| Tushar Dewangan | CRISPR – Cas 9 Technology: Advances, Applications & Ethical | Mr. Swapnil Lall | PO1, PO2, PO9 | PEO1 , PEO 2, |

| | Considerations | | | |
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| Yogendra Kumar | Phytoconstituents based healing chronic wounds: Opportunities and Challenges | Mr. Swapnil Lall | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |

**PARTICULARS OF MAJOR PROJECTS UNDERTAKEN
BY THE STUDENTS OF
B. PHARM. 8TH SEMESTER (2023-24)**

| Student Name | Title | Supervisor Name | Relevance To POs | Relevance to PEOs |
|--------------------------|-------------------------------------------------------------------------------------------------------|---------------------------|--------------------------|--------------------------|
| Abhijeet Banjare | Review on Natural Gum. | DR. S.P. Rao | PO1, PO4, PO9, PO11 | PEO1 , PEO 2 |
| Abhishek Mathuse | Unraveling The Intricacies of Brain Tumors: A Comprehensive Review. | Ms. Maneesha Verma | PO1, PO4, PO11 | PEO1 , PEO 2 |
| Ajay Kurre | Novel Anti Diabetic Drug Tirzepatide Review | Ms.Renuka Verma | PO1, PO4, | PEO1 , PEO 2, PEO 3 |
| Akanksha Verma | New Frontier For the Treatment of Piptic Ulcer | Dr. Rajnikant Panik | PO1, PO9, PO11 | PEO1 , PEO 2, PEO 3 |
| Akash Kumar Sinha | A review on Chemistry Synthesis Pharmacology And Analytical Met hods of Lobegitazone. | Ms. Shilpa Sahu | PO1, PO4, PO9,PO10,PO11 | PEO1 , PEO 2, PEO 3 |
| Aman Kushwaha | Covid 19 | Dr. Ravindra Kumar Pandey | PO1, PO9,PO11 | PEO1 , PEO 2, PEO 3 |
| Aman verma | Improved Topical Durg Delivery: Role of Chemical permeation Enhancers (CPES) and Advanced Approaches. | Mr. Gunjan Kalyani | PO1, PO11 | PEO1 , PEO 2, PEO 3 |
| Amey Joshi | Review on Role of 3D Printining in Pharmaceutical Durg Development. | Dr. Monika Bhairam . | PO1, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Anamika Dutta | Formulation and Evaluation of Herbal Ointment for Diabetes. | Dr.Neha Dubey. | PO1, PO4, PO9,PO10, PO11 | PEO1 , PEO 2, |
| Aniket Maheshwari | Herbal Durg Used in Treatment of Covid 19. | Dr. Trilochan Satapathy | PO1, PO4, PO9,PO10, PO11 | PEO1 , PEO 2, |
| Ankita | Artificial Intelligence in | Mrs. Disha | PO1, PO2, PO3, | PEO1 , |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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| Bhaduri | Pharmaceutical Technology And Durg Delivery Design. | kesharwani | PO9, PO11 | PEO 2, |
| Ankita Soni | Pulmonary Nano Durg delivery System For Lung Cancer: Current Prospectives. | Mrs. Sandhya Mishra | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Annapurna | Current Landscape On Gastro –Retentive Durg Delivery System Especially For Tablettes. | DR. Rajnikant Panik. | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Arial Lakra | Review On Sleep Paralysis | Ms.Shilpa Sahur | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Ashish Ekka | Application of Aegle Armlos (BEL) in the Treatment of Tuberculosis. | Ms. Neelima Janardan. | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Atharva Chandrakar | A Comprehensive Review On Bells Palsy. | Ms. Manisha Verma. | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Ayush Mishra | Drug Regulation in India | Dr.Trilochan Satapathy | PO1, PO7, PO9, PO11 | PEO1 , PEO 2, PEO 3 |
| Ayush Verma | Herbs of Chhattisgarh Used in Oral Health. | Dr. Neha Dubey. | PO1, PO9, PO10, PO11 | PEO1 , PEO 2, |
| Ayush Verma | Exploration of Synthetic Scaffolds And Their Derivatives As Durg Candidate For Antiurease Activity. | Mr. Rahul Gswami | PO1, PO2, PO3, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Baleshwari Navrange | A Review on Neural Defect. | Ms.Ayushi Sharma | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Bharti Dhiwar | An Over view On b-Cyclodextrin a magical Carrier System For Poorly Soluble Durg. | Mr. Mahendra Sahu | PO1, PO2, PO3, PO4, PO9, PO11 | PEO1 , PEO 2, PEO 3 |
| Bharti Sahu | Advancement and Challenges in the Treatment of Polycystic ovarian Disease: A Review. | Mr. Shailendra Kumar Sharma. | PO1, PO2, PO3, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Bhaskar Sahu | Formulation and Evaluation of a Cream Using Ipomea Carnea Flower Extract. | Mr.Sagar Sahu | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Chandan Chaubey | Holistic Approches to Cervical: Etiology Pathophysiology Comprehensive Preveniive and Control Strategy. | Ms. Renuka Verma. | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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| Chandrakant Sahu | A Review on Propolis a Natural Excipient Used in Pharmacy. | DR. Shashikant Chandrakar | PO1, PO2, PO3, PO4, PO11 | PEO1 ,
PEO 2,
PEO 3 |
| Devansh Amol Lagoo | Exploring the Natural Product Used in the Treatment of Osteosarcoma: A Comprehensive Review. | Ms. Poonam Sahu | PO1, PO4, PO9, PO11 | PEO1 ,
PEO 2, |
| Dhaneshwari Sahu | Management of Kidney Disorder By Using Herbs. | Mr. Shiv Kumar Bharwaj | PO1, PO4, PO9, PO11 | |
| Dipti Rathore | A Review of Patanjali Dant kanti Toothpaste. | Prof. Shiv Shankar Shukla. | PO1, PO4, PO9, PO11 | PEO1 ,
PEO 2, |
| Girish Poptani | A Review On Herbal Shampoo | Prof. Shiv Shankar Shukla | PO1, PO4, PO9, PO11 | PEO1 ,
PEO 2, |
| Gitanjali Verma | An Review of Mamaearth Sunscreen | Prof. Shiv Shankar Shukla | PO1, PO4, PO11 | PEO1 ,
PEO 2, |
| Harishchandra Sinha | Review of Recent on Preparation and Characterization of Deferent Parameter of Capsule. | Mr. Shiv Kumar Bhardwaj | PO1, PO4, PO11 | PEO1 ,
PEO 2, |
| Harsh Kumar Bharti | A Review on Recent updates of the Indian herbs for the Treatment of Cardiovascular disease (CVD) | Mr. Shiv Kumar Bhardwaj | PO1, PO4, PO11 | PEO1 ,
PEO 2, |
| Himanshu Jangde | Recent Advantages and Pharmacotherapy For Vitiligo & Sexually Transmitted Diseases. | Mr. Shiv Kumar Bhardwaj. | PO1, PO4, PO11 | PEO1 ,
PEO 2, |
| Iram Shahid Ansari | Natural Resources as DPP IV Inhibitor for the Treatment of Diabetics | Mr. Shiv Kumar Bhardwaj | PO1, PO4, PO11 | PEO1 ,
PEO 2, |
| Jyoti Dewangan | Indian Herbs Used For The Eradication Of H. Pylori. | Mr. Shiv Kumar Bhardwaj | PO1, PO2, PO3, PO4, PO11 | PEO1 ,
PEO 2, |
| Jyoti sahu | Nanotechnology in rapamycin of Diabetes mellitus | Mr. Mahendra Sahu | PO1, PO4, PO11 | PEO1 ,
PEO 2, |
| Kajal Mishra | Herbal Drugs Used For the Treatment of Arthritis. | Mr. Mahendra kumar Sahu | PO1, PO9, PO10 PO11 | PEO1 ,
PEO 2, |
| Kamraj Verma | Review Article on Chemical Permeational Enhancers | Mr. Mahendra Sahu | PO1, PO9, PO11 | PEO1 ,
PEO 2, |
| Keshav Prasad Bisen | Microencapsulation – The Novel Technique to Design A Controlled Drug Delivery System. | Mr. Mahendra Kumar Sahu. | PO1, PO4, PO11 | PEO1 ,
PEO 2, |
| Khumes Verma | Review On Rheumatoid and their drug. | Dr. S.P. Rao. | PO1, PO2, PO11 | PEO1 ,
PEO 2, |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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| Komal Sahu | A Review on Chemistry Synthesis pharmacology and Analytical of Simnotrelvir. | Ms. Manisha Verma | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Kunika Sahu | Exploring Genetic variation Therapeutic Properties Of Euphorbia Hirta. | Ms. Manisha Verma. | PO1, PO4, PO11 | PEO1 , PEO 2, |
| LaxmiRani Verma | Cancer | Ms. Manisha Verma | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Linisha Sahu | Brief Review On Analytical Techniques in Bioequivalence Study. | Ms. Manisha Sahu. | PO1, PO3, PO11 | PEO1 , PEO 2, |
| Mamta Khare | Exploring Genetic variation and Therapeutic properties of Ricinus Communis | Ms. Manisha Verma | PO1, PO4, PO10, PO11 | PEO1 , PEO 2, |
| Maneesha Manhare | Recent Advancement in Nanoparticle Used in lung Cancer :A Mini Review . | Ms. Ayushi Sharma. | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Manjeet Dev Ku. Mallick | Advancement & treatment of Colon Cancer. | Ms. Ayushi Sharma | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Minakshi Dewangan | Recent advancement in NLCs (Nanosized Lipid Carriers A mini Review. | Ms. Ayushi Sharma | PO1, PO2, PO3, PO11 | PEO1 , PEO 2, |
| Monisha Kaushik | Herbal Treatment of Osteoporosis. | Ms. Neelima Janardan. | PO1, PO4, PO10, PO11 | PEO1 , PEO 2, |
| Navin Kumar Tandan | Fiber (Cotton jute Hemp). | Dr. S.P.Rao. | PO1, PO10, PO11 | PEO1 , PEO 2, |
| Nilesh Chauhan | Ayurvedic And Herbal Preparation Used as Anti Diabetic Drugs. | Mrs. Neelima Janardan | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Onkar Barik | An Overview of Cardiovascular System. | Ms. Neelima Janardan. | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Pankaj Sahu | Generic Development of Current Scenario. | Ms. Renuka Verma. | PO1, , PO11 | PEO1 , PEO 2, |
| Parth Deshmukh | From Lab to Market:- A Impact on Alzheimer's Drug Fermentation. | Ms. Renuka Verma | PO1, PO2, PO11 | PEO1 , PEO 2, |
| Phaleshwari Sahu | Millets –a Double – Edged gain: - Review of its nutritional Properties Cultivation and Possible health benefits against Challenges. | Ms. Renuka Verma | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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| Piyush Kumar Tiwary | Current Progress in Therapies And Future Direction on the Development of Novel Durg Delivery System For Better Management of Cancer Treatment. | Mr Shailendra Sharma | PO1, PO4, PO11 | PEO1 ,
PEO 2, |
| Pooja Kawade | Biotechnology and Genetic Engineering Aspect and Newer Approches For The Development Of New Durg Delivery System:- Comprehensive Review. | Mr. Shalendra kumar Sharma | PO1, PO4, PO11 | PEO1 ,
PEO 2, |
| Pradeep kumar Chelak | Scientomertic Review Recent Programs Future Prospective of Neglected Tropical Diseases. | Mr. Shailendra Kumar Sharma | PO1, PO4, PO11 | PEO1 ,
PEO 2, |
| Praveen Sen | Autoimmune Disease. | Ms. Poonam Sahu | PO1, PO9, PO11 | PEO1 ,
PEO 2, |
| Praveen Sen | Hypertension and Precaution | DR.Trilochan Satapathy | PO1, PO9, PO11 | PEO1 ,
PEO 2, |
| Rahul Sahu | Review On Role of Neurotransmitter ii the CNS. | Ms. Poonam Sahu. | PO1, PO4, PO11 | PEO1 ,
PEO 2, |
| Rakesh Kumar | Recent Advances in Cervical Cancer Research And the Utilization of Network Biology Approaches For Priortizing Diagnostics And Therrapetics. | Dr. Rajnikant Panik. | PO1, PO9, PO11 | PEO1 ,
PEO 2, |
| Rakhi Sahu | Recent Updates on Pemphigus Vulgaris | Dr. Rajnikant paink. | PO1, PO4, PO11 | PEO1 ,
PEO 2, |
| Rashmi Sahu | A review on Polycystic ov Arian Disease: - A Disorder of Reproductive Age its Pathogenesais Dia gnosis And Treatment. | Ms. Poonam Sahu | PO1, PO9, PO11, | PEO1 ,
PEO 2, |
| Ravinandan Pandit | Review Article Cervical Cancer | Dr. Beena Gidwani. | PO1, PO4, PO11 | PEO1 ,
PEO 2, |
| Richa Ramshiromani Tripathi | Phytochemical Screeing of Hydro-Alcholic Extract of Withania Coaglans Fruits. | Dr.Beena Gidwani. | PO1, PO4, PO11 | PEO1 ,
PEO 2, |
| Ritesh Kumar Banjare | Exploration of Aphrodisiac as Herbal Medicines. | MR. Rahul Goswami. | PO1, PO4, PO9 | PEO1 ,
PEO 2, |
| Rohit Barai | Phytochemal Screening OF Hydro-Alcoholic | Dr. Beena Gidwani. | PO1, PO4, PO11 | PEO1 ,
PEO 2, |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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| | Extracct & Amaltas & Nutmeg. | | | |
| Roshan Kumar Singh | Current Challenges Associated With NanopharmaCeutical | Dr. Disha Kesharwani | PO1, PO7, PO9 | PEO1 , PEO 2, |
| Sachin Banjare | A Review on Global Antimicrobial, Resistance. | Dr. Disha Kesharwani | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Sakshi Mishra | A Review on Green Nanotechnology. | Dr. Disha Kesharwani | PO1, PO10, PO11 | PEO1 , PEO 2, |
| Sakshi Nayak | Clinical Trial in India | Dr. Shashikant Chandrakar. | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Sakshi Tejwani | Prespective on the Application of Medicinal Plants And Natural Products in Neuropathy: - A Mechaniste Review . | Mr. Rahul Goswami | PO1, PO9, PO10 | PEO1 , PEO 2, |
| Samyak Bagrecha | Traditional Herbal Approach Towards the Treatment and Management of Diabetes Mellitus. | DR. Shashikant Chandrakar | PO1, PO10, PO11 | PEO1 , PEO 2, |
| Sandhya Maury | A Review On Nanosponge | Dr. Shashikant Chandrakar | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Sanjana Singh | A Review on Impact OF Chemical Fertilizers On consumable Food. | Mrs. Sandhya Mishra. | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Sarira Rathia | Nanotechnology based Strategies For effective Delivery Of Phytoconstituents For the Mangement Of Overian Cancer. | Mrs. Sandhya Mishra. | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Sharad Chandrakar | A Comprehensive Review of Covid 19 Vaccine Development. | Mr. Rahul Gowswami. | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Shriya Verma | Radiopharmacology in human Virus (HPV) effect on Femel Cervix. | Mrs. Sandhay Mishra. | PO1, PO7, PO9 | PEO1 , PEO 2, |
| Sudhanshu Nishad | Recent Development in Transdermal Drug Delivery System | Mr .Gunjan Kalyani. | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Sushant kumar Sahu | An Overview on Toll Like Receptors and their role in regulation and disease Susceptibility. | Mr. Gunjan Kalyani. | PO1, PO4, | PEO1 , PEO 2, |
| Suyashdeep Banjare | Vaccine Development Regulation and Testing With Refreence to Covid 19. | Mr. Gunjan Kalyani. | PO1, PO7, PO11 | PEO1 , PEO 2, |
| Tanisha Chandrakar | Rewiew On Role of Artifical Intelligence | Dr. Monika Bhairam | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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| | Durg Discovery | | | |
| Tanmay Bhairam | 3d Printing in Pharmaceutical | Dr. Monika Bhairam | PO1, PO4, PO9 | PEO1 ,
PEO 2, |
| Trikansha Sahu | Comprehensive Review: Pharmacological Activities And Therapeutic Applications of Ciuss quadrangularis in Health And Disease. | Dr. Monika Bhairam | PO1, PO9, PO11 | PEO1 ,
PEO 2, |
| Trishala Vijaywargiya | Analysis of Water Pollution by Phosphate | Ms. Shilpa Sahu | PO1, PO4, PO10, PO11 | PEO1 ,
PEO 2, |
| Vaibhav Shriwas | Harnessing the Power of Millets: A Guide to welght Mangement. | Ms. Shilpa Sahu | PO1, PO2, PO3, PO4, PO11 | PEO1 ,
PEO 2, |
| Vaishali Tiwari | Dostarlimab (Jemperli) | Dr.Trilochan Satapathy | PO1, PO4, PO9 | PEO1 ,
PEO 2, |
| Vaishali Verma | Millets Unlocking Nutritional Superpowers Beyond Conventional Graints. | Mrs. Shilpa Sahu | PO1, PO9, PO11 | PEO1 ,
PEO 2, |
| Vinay Kumar Verma | A Review on Gingko biloba. | Mr. Sagar Sahu. | PO1, PO2, PO3, PO4, PO11 | PEO1 ,
PEO 2, |
| Virendra Sahu | A Reivew on Natural Antioxidants | Mr. Sagar Sahu | PO1, PO10, PO11 | PEO1 ,
PEO 2, |
| Yamini Sahu | Review on Chelidonium Majus. | Mr. Sagar Sahu | PO1, PO3, PO10, PO11 | PEO1 ,
PEO 2, |
| Yash Patel | Formulation and Evaluation of Herbal Facepack and Scrub. | Dr. Neha Dubey | PO1, PO4, PO10, PO11 | PEO1 ,
PEO 2, |
| Yashwant Singh Chaturvedi | Herb of Chhattisgarh Used in Joint Plant. | Dr. Neha Dubey | PO1, PO10, PO11 | PEO1 ,
PEO 2, |

PARTICULARS OF MAJOR PROJECTS UNDERTAKEN BY THE STUDENTS OF B. PHARM. 8TH SEMESTER (2022 –23)

| Student Name | Title | Supervisor Name | Relevance To POs | Relevance to PEOs |
|---------------------|----------------------------------------------------------------------------|-----------------|------------------|-------------------|
| AakashLahari | Revivew on Prospect For Enhanced Transdermal Durg Delivery Transethosomes. | Dr. S.P .Rao | PO1, PO4, PO11 | PEO1 ,
PEO 2 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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| Ajay Kumar | All Concept Of Polymer | Mr. Mahendra Sahu | PO1, PO9, PO11 | PEO1 , PEO 2 |
| Ajay Sahu | A Review on Liposomal Durg Delivery System | Dr. S.P.Rao | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Alok Nath Sahu | A Review on Transdermal Durg Delivery System | Dr. S.P.Rao | PO1, PO4, PO9 | PEO1 , PEO 2, |
| Amitesh Dahere | Indian Herbs and Herbal Drugs used for the Treatment of Daibetes | Dr.S.P.Rao | PO1, PO10,PO11 | PEO1 , PEO 2, PEO 3 |
| Anjali Minj | Safety Monitoring of Herbal Medicine in Pharmacovigilance | Dr.S.S.Shukla | PO1, PO2, PO10 | PEO1 , PEO 2, PEO 3 |
| Anjana Sahu | An overview on B-Cyclodextrin a magical Carrier System for Poorly Soluble Drug | Mrs. Disha Kesharwani | PO1, PO4, PO9 | PEO1 , PEO 2, PEO 3 |
| Anugrah Samanvay Tandi | Recent Advancement in Pilot Plant and Scalr up Techniques | Dr.Beena Gidwani | PO1, PO2, PO3, PO4, | PEO1 , PEO 2, |
| Anuj Kumar | Trasfersomes | Dr.S.P.Rao | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Arpit Chandak | Advancement in Buccal Durg Delivery System | Mrs.Disha Kesharwani | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Arushi Bhojwani | Liposomes As Topical Durg develvery System | Mr. Gunjan Kalyani | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Arvind Jangde | Solubility Enhancement of Poorly Soluble Durg. | Mrs. Disha Kesharwani | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Asmit Sahu | A Review on Flemingia Strobilifera | Dr.Beena Gidwani | PO1, PO4, PO10 | PEO1 , PEO 2, |
| Bhanupriya Sahu | A Review of Ethosome and Advancement | Mrs.Disha Kesharwani | PO1, PO2, PO4, | PEO1 , PEO 2, |
| Birendra Ratre | Recent Advances in Ocular Drug Delivery System | Mrs.Disha Kesharwani | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Chandresh Sahu | Nanotechnology and its advancement | Mrs .Sandhya Mishra | PO1, PO2, PO3, PO4, | PEO1 , PEO 2, |
| D.Ravikumar | Review Article on HPLCand its recent Advancement | Mrs.Sandhya Mishra | PO1, PO2, PO3, PO4, | PEO1 , PEO 2, |
| Darshana Rathi | Review on study of banana fibre | Dr.S.S.Shukla | PO1, PO10 | PEO1 , PEO 2, |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | |
|----------------------------|---------------------------------------------------------------------------------------------|--------------------------|---------------------|---------------------|
| Deepak Das | Review on Microcapsule | Mrs.Sandhya Mishra | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Deepak Kumar Verma | A Project Report on Nanoemulsion | Mrs.Sandhya Mishra | PO1, PO2, PO4, PO11 | PEO1 , PEO 2, |
| Devenda Kumar | Genetic Medicine | Ms.Renuka Verma | PO1, PO2, PO3, PO4, | PEO1 , PEO 2, PEO 3 |
| Dhaneshwar | Recent advance in ocular drug delivery System | Mrs.Sandhya Mishra | PO1, PO4, | PEO1 , PEO 2, |
| Dharmendra Ku. Sahu | A Molecular Upadte in Gpcr | Mr. Shiv Kumar Bhardwaj | PO1, PO4, | PEO1 , PEO 2, PEO 3 |
| Dibya Lochan Barik | An Overview on Green Leafy Vegetables Ethnic To Chhattisgarh | Dr.Ravindra Kumar Pandey | PO1, PO4, PO10 | PEO1 , PEO 2, |
| Digeshwar sahu | A Review of near infrared spatial resolved spectroscopy technique for evaluation of tablets | Mrs.Prakriti Diwan | PO1, PO4, | PEO1 , PEO 2, |
| Dinesh | A Review on Herbal Anti – Diabetic Durg. | Mr. Akhilesh Sahu | PO1, PO4, PO10 | PEO1 , PEO 2, |
| Gracy Nawrang | Natural Anti –Inflammatory Aloe Vera Great For Skin | Mr.Mahendra Mahapatra | PO1, PO10 | PEO1 , PEO 2, |
| Hemant Kumar | A Review on Acute Respiratory Tract Infection | Ms.Poonam Sahu | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Hirendra | Stability of Radiopharmaceutical | Dr. Shasikant Chandrakar | PO1, PO7 | PEO1 , PEO 2, |
| Ishan Verma | Review on Gastro retentive Drug Delivery System | Dr.Ravindra Kumar Pandey | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Jitendra Sahu | Natural Anti-Inflammantory Agent Used for Treatment of Plan | Dr.Shashikant Chandrakar | PO1, PO4, PO10 | PEO1 , PEO 2, |
| Jyoti Verma | A Review on gene Therapy | Dr.Shashikant Chandrakar | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Kajal Vishwkarma | Herbal Remedies for Asthma A Review | Dr.Shashikant chandrakar | PO1, PO10, PO11 | PEO1 , PEO 2, PEO 3 |
| Kalyan Singh Verma | Computational Tool For Durg Discovery For Wound Healing. | Dr. Rajnikant Panik | PO1, PO9, PO11 | PEO1 , PEO 2, PEO 3 |
| Kamaksha Tiwari | Biotrasformer Computational Tool for Prediction of Metabolism Rate | Dr.Rajnikant Panik | PO1, PO11 | PEO1 , PEO 2, |
| Kuldeep Patel | A Review on Neural Defect | Dr.Rajnikant Panik | PO1, PO11 | PEO1 , PEO 2, PEO 3 |
| Kush Patel | A Review on age | Mrs.Prakriti Diwan | PO1, PO4 | PEO1 , |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|---------------------------|
| | appropriable mebendazole Chewable tablet for Various helminth infections in children | | | PEO 2, |
| Kushagra Chandrakar | Burn Wound Infections Microbiome | Dr.Dajni Kant Panik | PO1, PO11 | PEO1 ,
PEO 2, |
| Laxmi Sahu | Identification of Micro organism in Cosmetic Product | Dr.Rajnikant Panik | PO1, PO11 | PEO1 ,
PEO 2, |
| Laxmikant Sahu | Recent Advances in Transdermal Drug Delivery System | Mrs. Neha Dubey | PO1, PO4, PO11 | PEO1 ,
PEO 2, |
| Manisha Sahu | Formulation of Herbal Syrup | Mrs.Neha dubey | PO1, PO9, PO10 | PEO1 ,
PEO 2,
PEO 3 |
| Manjeet Bhardwaj | Development And Evaluation of Transdermal Patches With Cissus Quadrangularis Plant. | Mrs. Neha Dubey | PO1, PO9, PO11 | PEO1 ,
PEO 2, |
| Mansi Patwa | A Review on Herbal Plant Used For Wound Healing | Mrs .Neha Dubey | PO1, PO10 | PEO1 ,
PEO 2, |
| Mansi Verma | A Review of Transdermal Drug Delivery Systems Advances challenges and Fututre Perspectives | Ms.Monika Bhairam | PO1, PO4, PO9 | PEO1 ,
PEO 2, |
| Mithlesh Diwan | A Review Article Solid Dispersion | Ms.Monika Bhairam | PO1, PO2, PO3, PO4, PO11 | PEO1 ,
PEO 2, |
| Mithleshwar Paikra | Review on Polymeric Carriers for Solubility Enhancement of Poorly water Soluble Drugs | Ms.Monika Bhairam | PO1, PO9, PO11 | PEO1 ,
PEO 2, |
| Moulik Kumar | Development and Characterization of Novel Carbapol Based Hydrogel Formulation Containing Extract of Eclipta Prostrata | Ms.Monika Bhairam | PO1, PO4 | PEO1 ,
PEO 2, |
| Muskan Kurre | Solid Dispersion Technology for Improving the Solubility of Antiviral Drugs | Ms.Monika Bhairam | PO1, PO9, PO11 | PEO1 ,
PEO 2, |
| Neeta Banjare | Herbal Medicinal Plant Used in Treatment of Corona | Mr.Akhilesh Kumar | PO1, PO10 | PEO1 ,
PEO 2, |
| Neetu Verma | Review on Transdermal Durg Delivery System | Mr. Akhilesh Sahu | PO1, PO4, PO11 | PEO1 ,
PEO 2, |
| Nidhi Sahu | Prevention & Treatment of Hiv. | Mr. Akhilesh Sahu | PO1, PO11 | PEO1 ,
PEO 2,
PEO3 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|-------------------------------|---------------------------------------------------------------------------------------------|-------------------------|--------------------------|---------------|
| Nikhil Chandrakar | Exploring the Efficacy of medicinal Plants in the Treatment of Diabetes | Mr. Akhilesh Kumar | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Nikhil Kumar | All Concept of Polymer | Ms .Renuka Verma | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Nikhil Kumar Sahu | A Review on Bipolar Disorder in Adult | Mr. Akhilesh Kumar | PO1, PO4, | PEO1 , PEO 2, |
| Nilesh Kumar Dhruw | Review On Transdermal Durg Delivery System. | MS. Renuka Verma | PO1, PO4, | PEO1 , PEO 2, |
| Nitin Kurrey | The Detailed Pharmacognostic Account of Cocus nucifera | Mr. Gunjan Kalyani | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Prabhat | An overview on Fourier Transform Infrared Spectroscopy (FTIR) | Mr. Gunjan Kalyani | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Prabhat Verma | An Overview on Bioenhancers | Mr. Gunjan Kalyani | PO1, PO10 | PEO1 , PEO 2, |
| Prakash Banjare | Transdermal Drug Delivery System | Ms. Renuka Verma | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Pranjal Kesharwani | Formulation and Evaluation of a Gel Using Psidium Guajava Leaf Extract | Mr. Sagar Sahu | PO1, PO2, PO3, PO4, PO10 | PEO1 , PEO 2, |
| Pratibha bhagat | A Review on Cinnamomum Zeylanicum | Mr. Sagar Sahu | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Praveen Bhatt | A Review on Medicinal use of Moringa oleifera | Mr. Sagar Sahu | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Preeti Seshanki Tirkey | Herbs Use as Mosquito Repellent | Ms. Shilpa Sahu | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Raghunath Verma | Layered Tablet Technology | Mrs. Shilpa Sahu | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Raja | Evaluation of Herbal Hair Pack | Mrs. Shilpa Sahu | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Rasmi Chandrakar | Fundamental Of Biostatistics along With its Application its Application in Clinical Trails. | Ms. Renuka Verma | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Renu Kant | Nanoemulism | Mrs. Silpa Sahu | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Ritik Kumar | Nanogel Durg Delivery System Nanogel | Mr. Rahul Goswami . | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Robin Son Kashyap | Occular Durg Develvery System | Mr. Rahul Goswami | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Rohan Singh Sahu | Microencapsulation The Novel Technique To Design a Controlled Durg Delivery. | Mr. Rahul Kumar Goswami | PO1, PO4 PO9, PO11 | PEO1 , PEO 2, |
| Rohit Verma | Adverse Drug Reaction | Mr. Rahul Goswami | PO1, PO9, | PEO1 , |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|------------------------------|----------------------------------------------------------------------------|-------------------------|----------------------|---------------|
| | | | PO11 | PEO 2, |
| Rupendra Kumar | Review on Cancer Disease | Ms. Poonam Sahu | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Sahil Kumar Baghel | A Review On Asthma Disease. | Ms. Poonam Sahu | PO1, PO11 | PEO1 , PEO 2, |
| Sanat Kumar Netam | A Review on Hemophilia | Ms. Poonam Sahu | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Sandip | A Review On Liposome drug delivery in CNS disease | Ms. Poonam Sahu | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Sanjay | A Review on Ebola Virus Disease and Tremment | Mr.Gunjan Kalyani | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Sanjay Kumar | Diagnosis and treatment of glaucoma | Mr. Sagar Sahu | PO1, PO2, PO11 | PEO1 , PEO 2, |
| Sanju Pal | A Review on Schiff base | Mr.Rahul goswami | PO1, PO2 | PEO1 , PEO 2, |
| Saurabh Patel | A Review on Corona Virus Disease and Treatment | Mrs.Prakriti Diwan | PO1, PO11 | PEO1 , PEO 2, |
| Shekhar Choudhary | Phytochemical Screening Test. | Mr. Shiv Kumar Bhardwaj | PO1, PO10, PO9, PO11 | PEO1 , PEO 2, |
| Shivam Santosh Thakur | A Review of the Parkinsons Disease. | Mr. Shiv Kumar Bhardwaj | PO1, PO2, PO9, PO11 | PEO1 , PEO 2, |
| Shreya Sharma | A Review on; Antibiotic Medicinal plant of green tea and their Formulation | Mr.Shiv Kumar Bhardwaj | PO1, PO2, PO9, PO11 | PEO1 , PEO 2, |
| Shubham Verma | A Review on Depression and Anxiety | Mr.Shiv Bhardwaj | PO1, PO2, PO9, PO11 | PEO1 , PEO 2, |
| Siddharth Tiwari | A Review On Natural Antioxidants | Mr. Shiv Kumar Bhadwaj | PO1, PO10 | PEO1 , PEO 2, |
| Smita Topppo | A review on Bovine Colostrum | Dr.Beena Gidwani | PO1, PO2, PO9, PO11 | PEO1 , PEO 2, |
| Sonali thakur | A Review on Teratogenesisn | Mrs.Ruchi Bhattacharya | PO1, PO2, PO9, PO11 | PEO1 , PEO 2, |
| Suman Sahu | A Review on Polymer used in novel Drug Delivery System | Mrs.Ruchi Bhattacharya | PO1, PO2, PO9, PO11 | PEO1 , PEO 2, |
| Suryansh | Drug Delivery System | Mrs .Ruchi | PO1, PO2, | PEO1 , |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|--------------------------|-----------------------------------------------------------------------------------------|-------------------------|---------------------|---------------|
| Keshri | | Bhattacharya | PO9, PO11 | PEO 2, |
| Swati Sahu | A Project Report on Nanocapsule | Mrs. Ruchi Bhattacharya | PO1, PO2, PO11 | PEO1 , PEO 2, |
| Tukeshwar | Pepticulcer | Mr. Manindra | PO1, PO2, PO11 | PEO1 , PEO 2, |
| Tukeshwar Yadu | GRDDS(Expandable Drug Delivery System) | Mr.Manindra Mahapatra | PO1, PO2, | PEO1 , PEO 2, |
| Udit Narayan Sahu | Migraine | Mr. Manindra Mahapatra | PO1, PO11 | PEO1 , PEO 2, |
| Vaishali Kashyap | Recent Advance in Tablet Technology | Mr. Manindra Mahapatra | PO1, PO2, PO4, | PEO1 , PEO 2, |
| Vishwanath Sahu | Review Article on Permeation Enhancers A Major Role In Transdermal Drug Delivery System | Mr.Mahendra Mahapatra | PO1, PO2 | PEO1 , PEO 2, |
| Yadit Kumar | Validation Process Perform Using Uv & Hplc Method | Mr. Mahendra Sahu | PO1, PO2, PO4 | PEO1 , PEO 2, |
| Yogendra Kumar | Prepare & Evaluate a Poly Herbal Shampoo For Antidandruff Activity By Using Herbs. | Mr.Mahendra Sahu | PO1, PO2, PO4, PO10 | PEO1 , PEO 2, |
| Yogita Verma | Formulation and Evaluation Cream | Mr. Mahendra Sahu | PO1, PO2, PO4, | PEO1 , PEO 2, |

Best Project Evaluation Scheme

- Innovations recognize the need for lifelong learning.
- Contemporary issues, organization of the report.
- Listeneing to and ansering questions.
- Publications and internal and external marks.

| Name of the Students | Project Title | Relevance to POs |
|--------------------------------------------|--------------------------------------------|---------------------|
| 2024-25 (Best Seminar/Presentation) | | |
| Alish Masih | Artificial Intelligence in Pharmaceuticals | PO1, PO2, PO3, PO11 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|--------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------|
| Chhamman Chandravanshi | Reverse Pharmacology in Drug Discovery | PO1, PO2, PO3, PO4, PO11 |
| Devshree Sharma | AI in diagnostics and treatment | PO1, PO11 |
| Devansh Tiwari | Phytosomes as emerging nanocarriers: advancing the frontiers of herbal drug delivery | PO1, PO10 |
| Harshit Thakur | Drug Repurposing: An important tool for Drug Discovery | PO1, PO4 |
| 2023-24 (Best Seminar/Presentation) | | |
| Bhaskar Sahu | Formulation and Evaluation of a Cream Using Ipomea Carnea Flower Extract. | PO1, PO4, PO11 |
| Anamika Dutta | Formulation and Evaluation of Herbal Ointment for Diabetes | PO1, PO4, PO10, PO11 |
| Ankita Bhaduri | Artificial Intelligence in Pharmaceutical Technology And Durg Delivery Design. | PO1, PO2, PO3, PO11 |
| Khumesb Verma | Review On Rheumatoid and their durg. | PO1, PO2, PO11 |
| Sakshi Tejawani | Prespective on the Applicationof Medicinal Plants And Natural Products in Neuropathy: - A Mechaniste Review | PO1, PO10 |
| 2022-23 (Best Seminar/Presentation) | | |
| Anjali Minj | Safety Monitoring of Herbal Medicine in Pharmacovigilance | PO1, PO2, PO10 |
| Arushi Bhojwani | Liposomes As Topical Durg develvery System | PO1, PO4, PO11 |
| Kush Patel | A Review on age appropriable mebendazole Chewable tablet for Various helminth infections in children | PO1, PO4, PO11 |
| Pranjal Kesharwani | Formulation and Evaluation of a Gel Using Psidium Guajava Leaf Extract | PO1,PO2, PO3, PO4, PO10 |
| Rohan Singh Sahu | Microencapsulation The Novel Technique To Design a Controlled Durg Delivery. | PO1, PO4, PO11 |

List of the students who are published paper/received award

| Sl. No. | Name of Student | Title | Journal | Impact Factor | B.Pharm Batch Year |
|---------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------|--------------------|
| 1 | Darshana Rathi, Kamaksha Tiwari | Janus Kinase Inhibitors (JAK) As Potential Candidate Targets to Rheumatoid Arthritis | Curr Res Altern Complement Integra Med 2025; 2(1): 79-89. | - | 2023 |
| 2 | Mansi Verma, Anjali Minj | Impact of NSAIDs corticosteroids DMARDs biologics and their comparisons with natural products in C-reactive proteins (CRP) linked cardiovascular disorders | Inflammopharmacology Springer Nature. 2025 May 4:1-27. | 4.6 | 2023 |
| 3 | Khilesh Sahu, Devshree Sharma, Piyush Verma, Tushar Tripathi, Rahul Chandrakar, D. S. Raghuwanshi | Augmenting the National Service Scheme (NSS) in India as an approach for superior civic commitment and society improvement | International Journal of Research and Analytical Reviews - 2025 IJRAR April 2025, Volume 12, Issue 2 | UGC | 2025 |
| 4 | Devshree Sharma, | Role Of National Service Scheme (NSS) | Journal of Research and Analytical Reviews. | UGC | 2025 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|---|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------|-----|------|
| | Khilesh Sahu, Piyush Verma, Tushar Tripathi, Rahul Chandrakar, D. S. Raghuwanshi | In Skilling Social Precision Among Students Of Higher Education | 2025 IJRAR April 2025, Volume 12, Issue 2 | | |
| 5 | Piyush Verma, Khilesh Sahu, Devshree Sharma, Tushar Tripathi, Rahul Chandrakar, D. S. Raghuwanshi | The Role of National Service Scheme (NSS) in Nation's Edifice | International Journal of Research and Analytical Reviews (IJRAR) | UGC | 2025 |
| 6 | Kartavya Patel | Chemogenomics: An Evolving Stratagem for Swift Target and Drug Discovery | IJIRT , Volume 11 Issue 12, ISSN: 2349-6002 | UGC | 2025 |
| 7 | Shashikala Sonwani | Indian herbs in the treatment of Liver injury: A Mechanism based review | World Journal of Pharmaceutical Research | - | |
| 8 | Himanshu Sahu | Trends on Nanomedicines as | Current Drug Targets | 3 | |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|----|--------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----|------|
| | | Novel therapeutics
Approach in Targeting
Nociceptors for
Relieving Pain | | | |
| 9 | Asmit Sahu | "FlemingiaStrobilifera
– An Updated Review
on its
Pharmacognostic and
Pharmacological
Properties" | Current Nutrition &
Food Science | 0.8 | 2023 |
| 10 | Ayushi
Gupta | Experimental animal
models for gastric
ulcer / peptic ulcer:
An overview | Journal of Drug
Delivery and
Therapeutics,ISSN-
2250-1177 | - | 2021 |
| 11 | Ayushi
Gupta | Experimental animal
models for
influenza/flu virus
vaccine development | Journal of Drug
Delivery and
Therapeutics,ISSN-
2250-1177 | - | 2021 |
| 12 | Ayushi
Gupta | Pharmacological
targeting of ferroptosis
in cancer treatment | Journal of Drug
Delivery and
Therapeutics ,ISSN-
2250-1177 | - | 2021 |
| 13 | Darshana
Rathi, | Chimeric Antigen
Receptor T-Cells
(CAR T-Cells): An
Engineered Targeted
Therapy for Treatment
of Cancer | Journal of Drug
Delivery and
Therapeutics,ISSN-
2250-1177 | - | 2021 |
| 14 | Ayushi | Cuproptosis: A | Journal of Drug | - | 2021 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | | |
|----|-------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------|------|
| | Gupta | Copper-Triggered Unique Cell Death Targeting Cancer | Delivery and Therapeutics,ISSN-2250-1177 | | |
| 15 | Ayushi Gupta | Helicobacter Pylori-induced Duodenal Ulcer: An Experimental Animal Model for Scientific Research | Micro and Nanosystems,ISSN (Print): 1876-4029 | - | 2021 |
| 16 | Akant Kumar Verma | Spirulina as functional food: insights into cultivation, production, and health benefits | Journal of Applied Pharmaceutical Research | Scopus | 2022 |
| 17 | Vedika Vaishnav | An overview on molecular biology and herbal treatment for Leptospirosis. | Journal For Basic Sciences & ISSN NO : 1006-8341 | Scopus | 2021 |
| 18 | Harsh Verma | Herbal Bioenhancers in Pharmaceutical Drug Delivery: Mechanisms, Challenges, and Future Innovations | Chemistry and biodiversity (Wiley) | 2.4 | 2022 |
| 19 | Renu Sharma | A Review on Teratogenesis: Current Perspective | International Journal of Pharmaceutical Sciences Review and Research & ISSN 0976 – 044X | - | 2022 |
| 20 | Suraj Banjare | "Diagnosis and treatment of mucormycosis: an | Asian Journal of Pharmaceutical and clinical research & | - | 2022 |

| | | | | | |
|--|--|------------------------|----------------|--|--|
| | | intruder post Covid-19 | ISSN 0974-2441 | | |
| | | " | | | |

Justification

A project work assigned to students covers all the Pos.

2.2.4 Initiatives related to Industry and/or Hospital interaction (20)

| |
|-----------------------------|
| Institute Marks (20) |
|-----------------------------|

(Give details of the industry/ hospital involvement in the program such as industry-attached laboratories, partial delivery of appropriate courses by industry experts and/or collaborative initiatives with the hospitals etc. Mention the initiatives, implementation details and impact analysis)

Industry-Academia Interaction with a view to foster the employability of Pharmacy graduates, Columbia Institute of Pharmacy, Raipur has signed Memorandum of Understanding with few companies and healthcare organizations.

Initiatives: For this, The institute periodically conducts activities pertaining to the involvement of industry/hospitals for the partial delivery of identified gaps in the curriculum and familiarizing the students with real time situations at theses level.

Implementations: The various activities for industry/hospital involvement are as under:

1. **Training:** The training for students of the college is arranged at various industries and hospitals during vacations or evening time.
2. **Guest Lectures:** The guest lecturers from eminent personalities from industry as well as hospitals are conducted throughout the year. Alumni working in industry/hospitals are also invited to share their real time experiences.
3. **Participation in industry oriented activities:** Students and teachers are encouraged to attend various activities of this sort throughout the year

Impact: The impact of aforementioned activities is many folds. Student got real time experience at technical level (hospital/industry) before the completion of course which help him greatly in:

- Deciding his career perspective or to make choice as per his will.
- Overcoming the shortcomings in his CV profile technically before applying the job.
- Getting the job in the same or other organization on priority due to his training during graduation.

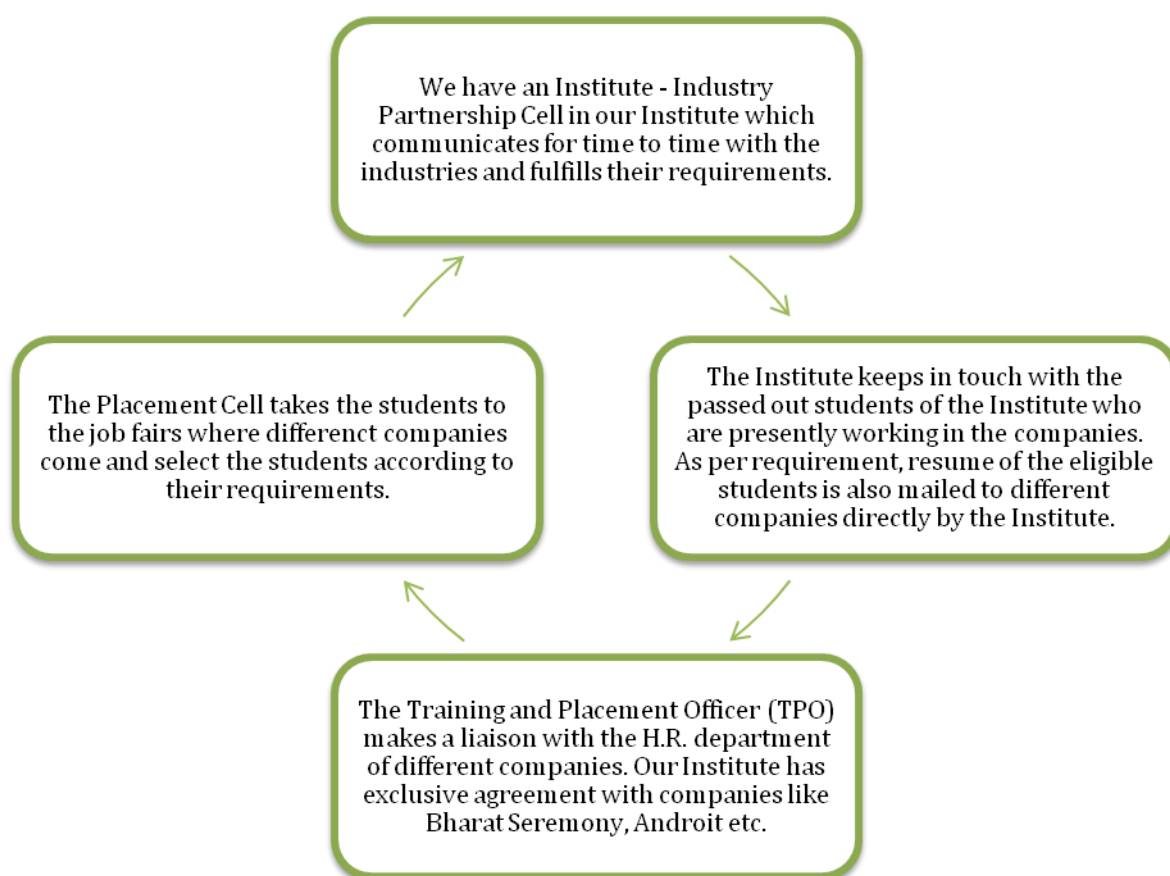


Fig 8: Initiatives related to Industry/Hospital Interaction

We have been giving equally importance to industrial interaction activities. This year, our students have been involved in almost five to six industrial visits and interactions, which gave them real exposure to the industries. These activities also proved fruitful as students got opportunities to interact and got guidance from eminent industry giants and skilled professionals. Such drives have helped students to understand the latest trends in professions and what industries expect from upcoming professionals.

Every student must complete at least 150 hours of training at a hospital or pharmaceutical sector over the course of four weeks. In addition to other departments, it covers training in the production unit, quality assurance and control departments, analytical laboratory, chemical manufacturing unit, pharmaceutical research and development, clinical research organisation, and community pharmacy. After finishing, the student must give the Head of the Institute the certificate that has been properly signed by the training organizations authorities.

In addition to this, all B.Pharmacy students participate in frequent industrial trips as part of their curriculum.

Regular guest lectures by distinguished figures from hospitals and industry are also held for the benefit of the students.

- **Industry supported laboratories (5)**

| Laboratory of CIP | | | Name of Industrie's supports to the Lab |
|------------------------------------|---------------------------|--|--------------------------------------------------------------------------------------------------------------------|
| Pharmaceutical Analysis Lab | Quality Assurance/ | | 9M India Private Limited, Near Birkoni Industrial Area, Paraswani Raod, NH-6, Birkoni, Mahasamund |
| Pharmaceutics Lab | | | Dinesh Chemicals, Village- Jaroda, Raipur- BAlodabazar Road, Oppo. Rigga Industries, Raipur, Kharora Road, Raipur. |
| | | | OPG Pharma, 1/A, Phase-I, Siltara Roads, Industrial Area, Bhanpuri, Raipur. |

- **Industry involvement in the program design and partial delivery of any regular courses for students (5)**

MOU's was done with industries to emphasize on –

1. Internship
2. Project Workshop for Students
3. Industrial Visits
4. Students Specific Training

LIST OF CONDUCTED WORKSHOP DURING THE ASSESSMENT YEAR

| YEAR | TITLE | RESOURCE PERSON | NUMBER OF STUDENTS PARTICIPATED |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 2022-23 | Department of Science and Technology - Synergistic Training Program Utilizing the Scientific and Technological Infrastructure (DST STUTI) | Prof. Pradip R. Vavia,
Dr. Dilip Gore,
Dr. Amber Vyas,
Dr. Ajazuddin,
Dr. Sanjay Sharma,
Dr. Nagendra Singh Chauhan
Dr. S J Deharwal
Dr. Rishi Paliwal,
Dr. Manjunath Ghate,
Dr. Amit Roy,
Dr. Ravindra K. Pandey,
Dr. Shiv Shankar Shukla,
Dr. Beena Gidwani | 75 |
| 2023-24 | National Seminar on “Radiopharmaceuticals: Advances and applications in various fields of basic and allied science for the diagnosis and treatment of diseases” sponsored by Atomic Energy Regulatory Board (AERB), Mumbai, India on 27- 28 July 2023. | Shri S. S. Bajaj,
Dr. Ashutosh Das Sharma,
Dr. Amber Vyas,
Dr. Vinita Singh | 75 |
| 2023-24 | In-workshop on “Operation of Instruments sponsored by Jan Pragati Education Society, Raipur, C.G. on 06,13,20,27 April 2024. | Dr. Ravindra K. Pandey,
Dr. Shiv Shankar Shukla,
Dr. Beena Gidwani,
Dr. Rajnikant Panik,
Dr. Shashikant Chndrakar | 40 |
| 2024-25 | Four Days workshop on ‘Hands-on training of research-oriented instruments’ sponsored by Jan Pragati | Dr. Ravindra K. Pandey,
Dr. Shiv Shankar Shukla,
Dr. Beena Gidwani,
Dr. Shashikant Chndrakar, | 40 |

Education Society, Raipur, Dr. Monika Bhairam,
C.G. on 28-01 May 2025. Dr. Disha Kesharwani

• **Hospital involvement in the program like collaborative initiatives with the hospitals etc. (10)**

- Institute has the MOU with the Sanjeevani CBCC USA Cancer Hospital, Pachpedi Naka, Raipur.
- Hospital trains the students of final year into different department of the hospital i.e. pharmacy, clinical.
- Institute promotes the students to undergo the training from the hospital.

Number of Students undergo training in hospitals

| Year | Hospital | Number of Students attended training |
|---------|-------------------------------------------------------------------|--------------------------------------|
| 2024-25 | Blue Bird Children's Hospital, Raipur, CG | 01 |
| | Vaishali Medical and Clinic, Saraipali, CG | 01 |
| | Office of Incharge Medical Officer, Wadraf Nagar, Balrampur, CG | 01 |
| | Primary Health care Silyari, Raipur, CG | 01 |
| | District Hospital, Balodabazar, CG | 01 |
| | District Hospital, Balodabazar, CG | 12 |
| | Suyash Institute of medical science pvt. Ltd, Raipur, CG | 01 |
| | Shri Padmandas Jethani memorial Hospital, Raipur, CG | 01 |
| | Shree Narayana Hospital, Raipur, CG | 03 |
| | Shri Jagannath Multispeciality Hospital, Raipur, CG | 01 |
| | Civil Hospital, Mana, Raipur, CG | 01 |
| | Shahid Mahendra Karma Smriti Chikitsalay, Dimrapal, Jagdalpur, CG | 01 |
| | Samudaiyk Swasthya Kendra, Makdi, Kondagaon, CG | 01 |

| | | |
|----------------|--------------------------------------------------------------|----|
| 2023-24 | Bihaan Hospital, Raipur, CG | 04 |
| | Ekta Institute of Child Health, Raipur, CG | 01 |
| | Kirodimal Govt Hospital, Raigarh, CG | 02 |
| 2022-23 | Mata Laxmi Nursing Home and Investigation Centre, Raipur, CG | 02 |
| | MMI Narayana Super speciality Hospital, Raipur, CG | 03 |
| | Jawaharlal Nehru Hospital & Research Hospital, CG | 18 |
| | Bal Gopal Children Hospital, Raipur, CG | 22 |
| | Shri Balaji Hospital, Raipur, CG | 02 |
| | District Hospital Dhamtari, CG | 01 |
| | Aarogya Hospital & Medical Stores, Raipur, CG | 02 |
| | District Hospital Raipur, Raipur, CG | 03 |
| | We care hospital Pharmacy, Raipur, CG | 02 |
| | Bihan Hospital Saddhu, Raipur, CG | 01 |

2.2.5 Initiatives related to skill Development programs/industry internships/summer training (10)

| |
|-----------------------------|
| Institute Marks (10) |
|-----------------------------|

(Mention the initiatives, implementation details and impact analysis)

Industrial training/tours for students (2)

Initiatives-

- Institute makes their efforts to organize seminars/workshops/ motivational lectures for the skill developments of the students.
- It is mandatory for every students of B. Pharm. VI semester to undergo one month training in an Industry for firsthand knowledge of profession.

Implementation- A list of students, their summer industrial training for the last three years is listed below. The industries covered are: formulations, and

biological products. A list of students undergone skill development program in various pharmaceutical industries is also included.

Industrial /Internship /Summer training of more than two weeks and post training Assessment (5)

| S. No | Initiatives | Implementation | Impact |
|-------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Communication skills | Our timetable is scheduled in a way where regular classes for all the students are prepared for effective communication skills, personality development and overall grooming. | Students reading, writing, and presentation skills have increased. Activities like as discussions, quizzes, presentations, and essay competitions are used to gauge this progress. |
| 2 | Industry oriented Technical Skills (Marketing, Instrumental, production etc.) | B. Pharm Fourth year students are engaged in industry oriented skill development courses. | Students learn to survive in the field of pharma world and explore the opportunities to decide their career ahead for their promotion and recognition. |
| 3 | Clinical skill | Hospital training is organized for students of the institute for clinical exposure at nearby private/Govt. Hospitals | Students got a chance to become familiar with the various departments of health care system at hospital level like Pharmacy and OPD, ICU, Baby care unit, Diagnostic Lab etc. They also become familiar with patient counselling thereby getting a better insight on the role of pharmacist towards society and profession. |
| 4 | Industrial training | One month industrial training is arranged for students after B. Pharm Third Year exams .June/July. Training and Placement cell arrange this training every year. | Students got real time training in various departments of Pharmaceutical industry which will definitely help them in pursuing their career in the Pharma field. Impact of the activity will be assessed through the report of the industrial visit submitted by the trainee and percentage of students got jobs in the relevant field. |
| 5 | Computer skill development | A well maintained computer laboratory is available at institute for upgrading the computational skills in students as per the need of the | In Today's modern era; computer is an integral part of every field of healthcare sector. Students trained in the basic computational tools |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| healthcare sector. They learn about MS Word, powerpoint, Excel etc. | will perform better while serving in any organization. Impact of the activity will be assessed through the use of computational skills in performing day to day activities at institute level for ex. Graphical presentation in lab work, PPT preparation and presenting seminar, use of research oriented computer program in completing project work etc |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Academic Year 2024-25: Industrial /Hospital Summer Training

| Sl. No. | Name of student | Industry | Department | Relevance to Program Outcomes |
|---------|------------------------|----------------------------------------------------|----------------|-------------------------------|
| 1. | Aryan Mishra | Blue Bird Children's Hospital, Raipur, CG | Medical store | 1,2,3,5,6,8,9,11 |
| 2. | Karan Tiwari | Shree Medical Store, | Medical Store | 1,2,3,5,6,8,9,11 |
| 3. | Aman Kumar Vishwakarma | Swastik Medical Stores, Raipur, CG | Medical Store | 1,2,3,5,6,8,9,11 |
| 4. | Ankit Yadav | Pooja medical Stores, Raipur, CG | Medical store | 1,2,3,5,6,8,9,11 |
| 5. | Annapurna Bharatdwaj | Vijay Prakash Medical & General Stores, Raipur, CG | Medical store | 1,2,3,5,6,8,9,11 |
| 6. | Aarti Jadwani | Laxmi Medical Stores, Raipur, CG | Medical Stores | 1,2,3,5,6,8,9,11 |
| 7. | Alish Masih | Shani Kripa Medical Stores, Raipur, CG | Medical store | 1,2,3,5,6,8,9,11 |
| 8. | Akanksha Verma | Mata Kaushalya Medical store, Raipur, CG | Medical store | 1,2,3,5,6,8,9,11 |
| 9. | Ashish Bais | Shri Sai Medical Store, Raipur, CG | Medical store | 1,2,3,5,6,8,9,11 |
| 10. | Ashish Dhritlahre | ECHO Medicare , Raipur, CG | Medical store | 1,2,3,5,6,8,9,11 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | |
|-----|------------------------|----------------------------------------------------------------|-------------------|-------------------|
| 11. | Babita Singh | Zemark Laboratories, Raipur, CG | Quality Assurance | 1,2,3,5, 6,8,9,11 |
| 12. | Bhawana Kushwaha | Office of Incharge Medical Officer, Wadrafnagar, Balrampur, CG | Hospital Pharmacy | 1,2,3,5, 6,8,9,11 |
| 13. | Bhagirathi Sahu | Renuka Medical Store, Bemetara, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 14. | Damini Verma | Jai Medical store, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 15. | BholeswarDhruw | Shriji Chemist Kutchery Chowk, Raipur, CG | Medical Store | 1,2,3,5, 6,8,9,11 |
| 16. | Bawanishankar Sahu | Vaishali Medical and Clinic Mahasamund, CG | Hospital Pharmacy | 1,2,3,5, 6,8,9,11 |
| 17. | Chaitanya Yadu | Satya Medical Stores, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 18. | Chhamman Chandravanshi | Sneha Medical, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 19. | Deepak Kumar | Jyoti Medical Hall, Surajpur, CG | Medical Store | 1,2,3,5, 6,8,9,11 |
| 20. | Dhanraj | Laxmi medical store, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 21. | Deepika Navrange | Primary Health care, Silyari, Raipur, CG | Hospital Pharmacy | 1,2,3,5, 6,8,9,11 |
| 22. | Devendra Pratap Singh | Shree Dhanwantri generic medical store, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 23. | Devesh Kumar | Mehta Medicos, Dhamtari, CG | Meical Store | 1,2,3,5, 6,8,9,11 |
| 24. | Dewika Sahu | Shri Sai Medical Store, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 25. | Devshree Sharma | Heena medical, Raipur, Cg | Medical store | 1,2,3,5, 6,8,9,11 |
| 26. | Dikesh | Veena medical store, Raipur, CG | Medical store | 1,2,3,7,9, 11 |
| 27. | Digeshwar Sahu | Pooja Medical Stores, Raipur, CG | Medical store | 1,2,3,7,9, 11 |
| 28. | Devansh Tiwari | Chandi Maa Medical Stores, Chandi, CG | Medical Stores | 1,2,3,5, 6,8,9,11 |
| 29. | Gaurav Harjpal | Shilpa medical Stores | Medical Stores | 1,2,3,5, 6,8,9,11 |
| 30. | Gurucharan | Shree Ram Medical Stores, Kabeerdham, Pandariya, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 31. | Geetanshu Sahu | Anjali Medical Stores, Pithora, CG | Medical Stores | 1,2,3,5, 6,8,9,11 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|-----|----------------------|-----------------------------------------------------------|-------------------|-------------------|
| 32. | Ghansyam Chakradhare | District Hospital, Balodabazar, CG | Hospital Pharmacy | 1,2,3,5, 6,8,9,11 |
| 33. | Gaurav Sahu | Laxmi Medical Shop, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 34. | Harsh Dewangan | Jai Laxmi Medical & General Store, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 35. | Harshit Thakur | Laxmi Medical Shop, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 36. | Himanshi Sahu | Shri Ram Medical store, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 37. | Himanshu | Pooja medical Stores, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 38. | Himanshu Gupta | Payal Medical & General Stores, Balodabazar, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 39. | Himanshu Manikpuri | Swastik Medical store, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 40. | Hirendra Sagar | Shree Medical, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 41. | Hulsi Patel | Suyash Institute of medical science pvt. Ltd , Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 42. | Jagriti Nagpal | Shri Khrishna Medical & General Store, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 43. | Jha Dev Verma | Dev medicos, Tilda, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 44. | Johnson | Sandhya medical &Surgicals, Charama, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 45. | Jyoti Verma | Shri Ram Medical Store, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 46. | Kajal Dewangan | Sagar Medical Stores | Medical store | 1,2,3,5, 6,8,9,11 |
| 47. | Karan Tiwari | Shree Medical, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 48. | Kartavya Patel | Sharma Medical & General Store, Balodabazar, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 49. | Kavita Sahu | Sanjeevani Medical Store, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 50. | Keshav Kumar Verma | Kartikey Medical Store Ahilda Raipur | Medical Store | 1,2,3,5, 6,8,9,11 |
| 51. | Khemraj Sahu | Sharda medical & General Stores, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 52. | Khilesh Sahu | Sahu Pharma, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | |
|-----|---------------------------|------------------------------------------------------------|----------------------|----------------------|
| 53. | Khileshwar Sinha | Preeti Medical Stores,
Bagbahara, CG | Medical store | 1,2,3,5,
6,8,9,11 |
| 54. | Kriti Nishad | Vijay Prakash Medical &
General Stores, Raipur, CG | Medical store | 1,2,3,5,
6,8,9,11 |
| 55. | Kumar Gaurav Sahu | Shree Balaji Medical Stores,
Raipur, CG | Medical Store | 1,2,3,5,
6,8,9,11 |
| 56. | Kunal Yadav | Life Pharmacy, Raipur, CG | Medical store | 1,2,3,5,
6,8,9,11 |
| 57. | Kunal Yadu | Shri Khrishna Medical Store
& Yadav Clinic, Raipur, CG | Hospital
Pharmacy | 1,2,3,5,
6,8,9,11 |
| 58. | Arvind Sahu | Rikhi Medical Stores, Raipur,
CG | Medical Store | 1,2,3,5,
6,8,9,11 |
| 59. | Laxmi Dewangan | Sahaj Medical Store,
Saragaon, Raipur, CG | Medical store | 1,2,3,5,
6,8,9,11 |
| 60. | Manish Kumar | Shri Padmandas Jethani
memorial Hospital, Raipur,
CG | Hospital
pharmacy | 1,2,3,5,
6,8,9,11 |
| 61. | Manisha Sahu | Laxmi Medical Store, Raipur,
CG | Medical store | 1,2,3,5,
6,8,9,11 |
| 62. | Goyal Verma | Shree Narayana Hospital ,
Raipur, CG | Hospital
Pharmacy | 1,2,3,5,
6,8,9,11 |
| 63. | Neelam Sahu | Shree Balaji Medical Stores,
Raipur, CG | Medical Store | 1,2,3,5,
6,8,9,11 |
| 64. | Neelima Verma | Shri Jagannath Multispeciality
Hospital, Raipur, CG | Hospital
Pharmacy | 1,2,3,5,
6,8,9,11 |
| 65. | Nikhil Kumar Sahu | Laxmi Medical Stores Raipur,
CG | Medical store | 1,2,3,5,
6,8,9,11 |
| 66. | Niraj Sahu | Rishi Medical Store, Raipur,
CG | Medical Stores | 1,2,3,5,
6,8,9,11 |
| 67. | Niranjan Das
Markandey | Shree Ram medical Stores,
Raipur, CG | Medical store | 1,2,3,5,
6,8,9,11 |
| 68. | Om Agrawal | Annapurna Medical Stores,
Raipur, CG | Medical store | 1,2,3,5,
6,8,9,11 |
| 69. | Pankaj Kumar
Banjare | Nishad EH Health care ,
Raipur, CG | Hospital
pharmacy | 1,2,3,5,
6,8,9,11 |
| 70. | Paras Kumar Sahu | Manish Medical Stores,
Rohashi, Raipur, CG. | Medical store | 1,2,3,5,
6,8,9,11 |
| 71. | Piyush Verma | Badri Medical Stores, Raipur,
CG | Medical store | 1,2,3,5,
6,8,9,11 |
| 72. | Pooja Sahu | Shri Balaji Medical Stores,
Raipur, CG | Medical Store | 1,2,3,5,
6,8,9,11 |
| 73. | Pragya Sahu | Satya medical Stores, Raipur,
CG | Medical store | 1,2,3,5,
6,8,9,11 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|-----|------------------|------------------------------------------------------------------------|----------------------|----------------------|
| 74. | Pratik Verma | Veena Medical Stores,
Dharsiva, Raipur, CG | Medical Store | 1,2,3,5,
6,8,9,11 |
| 75. | Praveen Nishad | New Om Medical store,
Raipur, CG | Medical Store | 1,2,3,5,
6,8,9,11 |
| 76. | Rahul Chandrakar | Shani Kripa Medical Stores,
Raipur, CG | Medical Store | 1,2,3,5,
6,8,9,11 |
| 77. | Rahul Meher | Civil Hospital, Mana, Raipur,
CG | Hospital
Pharmacy | 1,2,3,5,
6,8,9,11 |
| 78. | Rashmi | Jai Baba Medical & General
Stores, Balodabazar, CG | Medical store | 1,2,3,5,
6,8,9,11 |
| 79. | Rohit Kumar | Shri Narayana Hospital,
Raipur, CG | Medical store | 1,2,3,5,
6,8,9,11 |
| 80. | Roshani Pathak | Sagar Medical Stores, Raipur,
CG | Medical store | 1,2,3,5,
6,8,9,11 |
| 81. | Sakshi Kurre | Shree Ram Medical And
General Stores, Raipur, CG | Medical store | 1,2,3,5,
6,8,9,11 |
| 82. | Rahul Rathore | Veena Medical Store, Raipur,
CG | Production | 1,2,3,5,
6,8,9,11 |
| 83. | Sandeep Kumar | Sneha Medical, Raipur, CG | Medical store | 1,2,3,5,
6,8,9,11 |
| 84. | Seema | Verma Medical Stores,
Raipur, CG | Medical store | 1,2,3,5,
6,8,9,11 |
| 85. | Shalini Mahar | Vijay Prakash Medical &
General Stores, Raipur, CG | Medical store | 1,2,3,5,
6,8,9,11 |
| 86. | Shruti Kashyap | Laxmi Medical Store, Tilda,
CG | Medical Store | 1,2,3,5,
6,8,9,11 |
| 87. | Shubham Sahu | Shrijan Medical Stores,
Dhamtari, CG | Medical Store | 1,2,3,5,
6,8,9,11 |
| 88. | Shubham Sahu | Naveen Medical Stores,
Kurud, CG | Medical Store | 1,2,3,5,
6,8,9,11 |
| 89. | Shweta | Laxmi Medical Store, Raipur,
CG | Medical Store | 1,2,3,5,
6,8,9,11 |
| 90. | Suhani Singh | Jeet Medical Stores, Raipur,
CG | Medical store | 1,2,3,5,
6,8,9,11 |
| 91. | Sukriya Sarkar | Shahid Mahendra Karma
Smriti Chikitsalay,Dimrapal,
Jagdalpur, CG | Hospital
Pharmacy | 1,2,3,5,
6,8,9,11 |
| 92. | Tamradhwaj | Samudaiyk Swasthya Kendra,
Makdi, Kondagaon, CG | Hospital
Pharmacy | 1,2,3,5,
6,8,9,11 |
| 93. | Ratna Devi | Primary Health Care centre,
Balodabazar, CG | Hospital
Pharmacy | 1,2,3,5,
6,8,9,11 |
| 94. | Taniya Nebhwani | Laxmi Medical Store | Medical store | 1,2,3,5,
6,8,9,11 |
| 95. | Tasmiya Khwaja | Dushyant Medical Stores,
Raipur, CG | Medical store | 1,2,3,5,
6,8,9,11 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|------|-----------------------|------------------------------------------------|----------------|-------------------|
| 96. | Samriddhi Rajput | Jeet Medical Stores, Raipur, CG | Medical Store | 1,2,3,5, 6,8,9,11 |
| 97. | Tushar Tripathi | Ganesh Medical Stores, Mungeli, CG | Medical Stores | 1,2,3,5, 6,8,9,11 |
| 98. | Vasu Verma | Om Medicos, Rajim, CG | Medical Store | 1,2,3,5, 6,8,9,11 |
| 99. | Ved Prakash Bandhe | Dev Medicos, Raipur, CG | Medical Stores | 1,2,3,5, 6,8,9,11 |
| 100. | Vidhi Pushpakar | Chawla Medical & General Stores, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 101. | Virendra Kumar Koshle | ECHO Medicare, Raipur, CG | Medical Store | 1,2,3,5, 6,8,9,11 |
| 102. | Sandeep Kumar Kurre | Shri Dhanvantari Generic Medical Store, Raipur | Medical store | 1,2,3,5, 6,8,9,11 |
| 103. | Vinay Sahu | Shree Narayana Hospital, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |
| 104. | Tushar Dewangan | Sneha Medical, Raipur, CG | Medical Store | 1,2,3,5, 6,8,9,11 |
| 105. | Yogendra Kumar | Shiv Shankar Medical Store, Raipur, CG | Medical store | 1,2,3,5, 6,8,9,11 |

Academic Year 2023-24: Industrial /Hospital Summer Training

| Sl. No. | Name of student | Industry | Department | Relevance to Program Outcomes |
|---------|-------------------|---------------------------------------------|-------------------|-------------------------------|
| 1. | Abhijeet Banjare | OPG Pharma, Bhanpuri, Raipur, CG | Quality Assurance | 1,2,3,4,5, 6,8,9,11 |
| 2. | Abhishek Mathuse | Vaibhav Medical Store, Raipur, CG | Pharmacy | 1,2,3,5, 6,8,9,11 |
| 3. | Ajay Kurre | Paras Medicose, Bihaan Hospital, Raipur, CG | Hospital Pharmacy | 1,2,3,5, 6,8,9,11 |
| 4. | Akanksha Verma | Laxmi Medical Store, Raipur, CG | Pharmacy | 1,2,3,5, 6,8,9,11 |
| 5. | Akash Kumar Sinha | Paras Medicose, Bihaan Hospital, Raipur, CG | Hospital Pharmacy | 1,2,3,5, 6,8,9,11 |
| 6. | Aman Kushwaha | Laxmi Medical Store, Raipur, CG | Pharmacy | 1,2,3,5, 6,8,9,11 |
| 7. | Aman verma | Paras Medicose, Bihaan Hospital, Raipur, CG | Hospital Pharmacy | 1,2,3,5, 6,8,9,11 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|-----|------------------------|------------------------------------------------|----------------------|------------------------|
| 8. | Amey Joshi | 9M India Limited ,
Mahasamund, CG | Quality Assurance | 1,2,3,4,5,
6,8,9,11 |
| 9. | Anamika Dutta | Paras Medicose, Bihaan
Hospital, Raipur, CG | Quality Assurance | 1,2,3,4,5,
6,8,9,11 |
| 10. | Aniket Maheshwari | Mahira Medical Store, Raipur,
CG | Hopsital
Pharmacy | 1,2,3,5,
6,8,9,11 |
| 11. | Ankita Bhaduri | Paras Medicose, Bihaan
Hospital, Raipur, CG | Quality Assurance | 1,2,3,4,5,
6,8,9,11 |
| 12. | Ankita Soni | Ekta Institute of Child Health,
Raipur, CG | Hopsital
Pharmacy | 1,2,3,5,
6,8,9,11 |
| 13. | Annapurna | Satya Medical Store, Raipur,
CG | Quality Assurance | 1,2,3,4,5,
6,8,9,11 |
| 14. | Arial Lakra | Dinesh Chemicals, Raipur,
CG | Production | 1,2,3,4,5,
6,8,9,11 |
| 15. | Ashish Ekka | Dinesh Chemicals, Raipur,
CG | Production | 1,2,3,4,5,
6,8,9,11 |
| 16. | Atharva Chandrakar | 9M India Limited,
Mahasamund, CG | Production | 1,2,3,4,5,
6,8,9,11 |
| 17. | Ayush Mishra | Dinesh Chemicals, Raipur,
CG | Production | 1,2,3,4,5,
6,8,9,11 |
| 18. | Ayush Verma | Dinesh Chemicals, Raipur,
CG | Production | 1,2,3,4,5,
6,8,9,11 |
| 19. | Ayush Verma | Vrinda Medical Store, Raipur,
CG | Production | 1,2,3,4,5,
6,8,9,11 |
| 20. | Baleshwari
Navrange | New Medical Store,
Balodabazar, CG | Hospital
Pharmacy | 1,2,3,5,
6,8,9,11 |
| 21. | Bharti Dhiwar | Shree Sai Medical Store,
Aarang, Raipur, CG | Production | 1,2,3,4,5,
6,8,9,11 |
| 22. | Bharti Sahu | Satyam Pharmacy, Raipur,
CG | Production | 1,2,3,4,5,
6,8,9,11 |
| 23. | Bhaskar Sahu | 9M India Limited,
Mahasamund, CG | Production | 1,2,3,4,5,
6,8,9,11 |
| 24. | Chandan Chaubey | 9M India Limited,
Mahasamund, CG | Production | 1,2,3,4,5,
6,8,9,11 |
| 25. | Chandrakant Sahu | Dinesh Chemicals, Raipur,
CG | Production | 1,2,3,4,5,
6,8,9,11 |
| 26. | Devansh Amol
Lagoo | OPG Pharma, Bhanpuri,
Raipur, CG | Quality Assurance | 1,2,3,7,9,
11 |
| 27. | Dhaneshwari Sahu | OPG Pharma, Bhanpuri,
Raipur, CG | Quality Assurance | 1,2,3,7,9,
11 |
| 28. | Dipti Rathore | Vikash Medical Store,
Raigarh, CG | Hopsital
Pharmacy | 1,2,3,9,11 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|-----|-------------------------|----------------------------------|-------------------|---------------------|
| 29. | Girish Poptani | OPG Pharma, Bhanpuri, Raipur, CG | Quality Assurance | 1,2,3,7,9, 11 |
| 30. | Gitanjali Verma | OPG Pharma, Bhanpuri, Raipur, CG | Quality Assurance | 1,2,3,4,5, 6,8,9,11 |
| 31. | Harishchandra Sinha | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,7,9, 11 |
| 32. | Harsh Kumar Bharti | OPG Pharma, Bhanpuri, Raipur, CG | Quality Assurance | 1,2,3,7,9, 11 |
| 33. | Himanshu Jangde | OPG Pharma, Bhanpuri, Raipur, CG | Quality Assurance | 1,2,3,7,9, 11 |
| 34. | Iram Shahid Ansari | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 35. | Jyoti Dewangan | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 36. | Jyoti sahu | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,7,9, 11 |
| 37. | Kajal Mishra | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 38. | Kamraj Verma | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,7,9, 11 |
| 39. | Keshav Prasad Bisen | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,7,9, 11 |
| 40. | Khumesh Verma | OPG Pharma, Bhanpuri, Raipur | Quality Assurance | 1,2,3,7,9, 11 |
| 41. | Komal Sahu | 9M India Limited, Mahasamund, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 42. | Kunika Sahu | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 43. | LaxmiRani Verma | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 44. | Linisha Sahu | Laxmi Medical Store, Raipur, CG | Medical Store | 1,2,3,4,5, 6,8,9,11 |
| 45. | Mamta Khare | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 46. | Maneesha Manhare | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 47. | Manjeet Dev Ku. Mallick | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 48. | Monisha Kaushik | 9M India Limited, Mahasamund, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 49. | Minakshi Dewangan | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 50. | Navin Kumar | OPG Pharma, Bhanpuri, Raipur, CG | Quality Assurance | 1,2,3,7,9, 11 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| Tandan | | | | |
|--------|-----------------------------|-----------------------------------|-------------------|---------------------|
| 51. | Nilesh Chauhan | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 52. | Onkar Barik | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 53. | Pankaj Sahu | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,7,9, 11 |
| 54. | Parth Deshmukh | 9M India Limited, Mahasamund, CG. | Production | 1,2,3,4,5, 6,8,9,11 |
| 55. | Phaleshwari Sahu | Laxmi Medical store, Raipur, CG | Pharmacy | 1,2,3,7,9, 11 |
| 56. | Piyush Kumar Tiwary | 9M India Limited, Mahasamund, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 57. | Pooja Kawade | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 58. | Pradeep kumar Chelak | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 59. | Praveen Sen | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 60. | Praveen Sen | 9M India Limited, Mahasamund, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 61. | Rahul Sahu | OPG Pharma, Bhanpuri, Raipur, CG | Quality Assurance | 1,2,3,4,5, 6,8,9,11 |
| 62. | Rakesh Kumar | OPG Pharma, Bhanpuri, Raipur, CG | Quality Assurance | 1,2,3,4,5, 6,8,9,11 |
| 63. | Rakhi Sahu | OPG Pharma, Bhanpuri, Raipur, CG | Quality Assurance | 1,2,3,4,5, 6,8,9,11 |
| 64. | Rashmi Sahu | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 65. | Ravinandan Pandit | 9M India Limited, Mahasamund, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 66. | Richa Ramshiromani Tripathi | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 67. | Ritesh Kumar Banjare | 9M India Limited, Mahasamund, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 68. | Rohit Barai | 9M India Limited, Mahasamund, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 69. | Roshan Kumar Singh | 9M India Limited, Mahasamund, CG | Production | 1,2,3,7,9, 11 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | |
|-----|-----------------------|----------------------------------------|-------------------|---------------------|
| 70. | Sachin Banjare | OPG Pharma, Bhanpuri, Raipur, CG | Quality Assurance | 1,2,3,4,5, 6,8,9,11 |
| 71. | Sakshi Mishra | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 72. | Sakshi Nayak | 9M India Limited Mahasamund, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 73. | Sakshi Tejawani | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 74. | Samyak Bagrecha | 9M India Limited Mahasamund, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 75. | Sandhya Maury | 9M India Limited Mahasamund, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 76. | Sanjana Singh | 9M India Limited, Mahasamund, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 77. | Sarita Rathia | Kirodimal Govt Hospital, Raigarh, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 78. | Sharad Chandrakar | OPG Pharma, Bhanpuri, Raipur, CG | Quality Assurance | 1,2,3,4,5, 6,8,9,11 |
| 79. | Shriya Verma | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 80. | Sudhanshu Nishad | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 81. | Sushant kumar Sahu | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 82. | Suyashdeep Banjare | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 83. | Tanisha Chandrakar | 9M India Limited, Mahasamund, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 84. | Tanmay Bhairam | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 85. | Trikansha Sahu | Harish Medical store, Baloda Bazar, CG | Hospital Pharmacy | 1,2,3,9,11 |
| 86. | Trishala Vijaywargiya | Kirodimal Govt Hospital, Raigarh, CG | Hospital Pharmacy | 1,2,3,4,5, 6,8,9,11 |
| 87. | Vaibhav Shriwas | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 88. | Vaishali Tiwari | OPG Pharma, Bhanpuri, Raipur | Quality Assurance | 1,2,3,4,5, 6,8,9,11 |
| 89. | Vaishali Verma | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 90. | Vinay Kumar Verma | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |
| 91. | Virendra Sahu | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5, 6,8,9,11 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|-----|---------------------------|----------------------------------|------------|--------------------|
| 92. | Yamini Sahu | Dinesh Chemicals, Raipur, CG | Production | 1,2,3,4,5,6,8,9,11 |
| 93. | Yash Patel | 9M India Limited, Mahasamund, CG | Production | 1,2,3,4,5,6,8,9,11 |
| 94. | Yashwant Singh Chaturvedi | 9M India Limited, Mahasamund, CG | Production | 1,2,3,4,5,6,8,9,11 |

Academic Year 2022-23: Industrial/ Hospital Summer Training

| Sl. No. | Name of student | Industry/ Hospital | Department | Relevance to Program Outcomes |
|---------|------------------------|----------------------------------------------------|---------------|-------------------------------|
| 1. | Aakash Lahari | Om Medical and General Store, Raipur, CG | Medical Store | 1,2,3,9,11 |
| 2. | Ajay Kumar | Nayak Medical Store, Semariya, CG | Medical Store | 1,2,3,7,9 |
| 3. | Ajay Sahu | Nayak Medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 4. | Alok Nath Sahu | Laxmi Medical Shop, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 5. | Amitesh Dahere | Laxmi Medical Shop, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 6. | Anjali Minj | Jay Medical, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 7. | Anjana Sahu | Shri Balaji Hospital , Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 8. | Anugrah Samanvay Tandi | Sonal Medical Store, Tumgaon | Medical Store | 1,2,3,7,9,11 |
| 9. | Anuj Kumar | Maa Bhawani Medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 10. | Arpit Chandak | Uma Medical Store Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 11. | Arushi Bhojwani | Mata Laxmi Nursing Home, Raipur, CG | Medical Store | 1,2,7,9,11 |
| 12. | Arvind Jangde | Laxmi Medical Store, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 13. | Ashmit Sahu | Anvi Pharma, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 14. | Bhanupriya Sahu | MMI Narayana Super speciality Hospital, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 15. | Birendra Ratre | Riyanpurna Medical Stores, Kawardha, CG | Medical Store | 1,2,3,7,9,11 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | |
|-----|---------------------|--------------------------------------------------------------|---------------|--------------|
| 16. | Chandresh Sahu | Siv medical And General Stores | Medical Store | 1,2,3,7,9,11 |
| 17. | D.Ravikumar | Jawaharlal Nehru Hospital & Research Hospital, Bhilai, CG | Medical Store | 1,2,3,7,9,11 |
| 18. | Darshana Rathi | Bal Gopal Children Hospital, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 19. | Deepak Das | Shree Laxmi Medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 20. | Deepak Kumar Verma | Shri Ram Medical Store, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 21. | Devenda Kumar | Nayak Medical Stores, Semariya, CG | Medical Store | 1,2,3,7,9,11 |
| 22. | Dhaneshwar | Harish Medical Stores, Balodabazar, CG | Medical Store | 1,2,3,7,9,11 |
| 23. | Dharmendra Ku. Sahu | Laxmi Medical store, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 24. | Dibya Lochan Barik | Shri Balaji Hospital, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 25. | Digeshwar sahu | Surya medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 26. | Dinesh | Riyanpurna Medical Store, Kawardha, CG | Medical Store | 1,2,3,7,9,11 |
| 27. | Gracy Nawrang | District Hospital Dhamtari, CG | Medical Store | 1,2,3,7,9,11 |
| 28. | Hemant Kumar | Riyanpurna Medical Store, Kawardha, CG | Medical Store | 1,2,3,7,9,11 |
| 29. | Hirendra | Riyanpurna medical Stores, Kawardha, CG | Medical Store | 1,2,3,7,9,11 |
| 30. | Ishan Verma | Mata Laxmi Nursing Home and Investigation Centre, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 31. | Jitendra Sahu | Shri Ram Medical Birgaon, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 32. | Jyoti Verma | Maa laxmi Medical Shop | Medical Store | 1,2,3,7,9,11 |
| 33. | Kajal Vishwkarma | Shri Balaji hospital, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 34. | Kalyan Singh Verma | Laxmi Medical Shop, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 35. | Kamaksha Tiwari | Maa Danteshwari Medical Store, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 36. | Kuldeep Patel | Aarogya Hospital & Medical Stores, | Medical Store | 1,2,3,7,9,11 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | |
|-----|---------------------|----------------------------------------------|---------------|--------------|
| | | Raipur, CG | | |
| 37. | Kush Patel | Akruti Pharma, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 38. | Kushagra Chandrakar | Sonal medical Stores, Tumgaon | Medical Store | 1,2,3,7,9,11 |
| 39. | Laxmi Sahu | Pooja medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 40. | Laxmikant Sahu | Satyam Medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 41. | Manisha Sahu | Sonal Medical Stores, Tumgaon. | Medical Store | 1,2,3,7,9,11 |
| 42. | Manjeet Bhardwaj | Laxmi Medical , Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 43. | Mansi Patwa | Satyam medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 44. | Mansi Verma | District Hospital Raipur, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 45. | Mithlesh Diwan | Laxmi Medical Shop, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 46. | Mithleshwar Paikra | Google Medical Stores, Koriya, CG | Medical Store | 1,2,3,7,9,11 |
| 47. | Moulik Kumar | Kavita medical And General Stores, Deori, CG | Medical Store | 1,2,3,7,9,11 |
| 48. | Muskan Kurre | Shiv medical Hall, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 49. | Neeta Banjare | Shree Shankar Medical Stores, Saraipali, CG | Medical Store | 1,2,3,7,9,11 |
| 50. | Neetu Verma | Pooja medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 51. | Nidhi Sahu | Yash Medical Stores, Balodabazar, CG | Medical Store | 1,2,3,7,9,11 |
| 52. | Nikhil Chandrakar | Shani Kripa Medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 53. | Nikhil Kumar | Nayak Medical Stores, Semariya, CG | Medical Store | 1,2,3,7,9,11 |
| 54. | Nikhil Kumar Sahu | Pooja medical Stores, Tilda | Medical Store | 1,2,3,7,9,11 |
| 55. | Nilesh Kumar Dhruw | Nayak Medical Store Semariya, CG | Medical Store | 1,2,3,7,9,11 |
| 56. | Nitin Kurrey | Suman medical Stores, Palari, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 57. | Prabhat | RiyanpurnaMedical Stores | Medical Store | 1,2,3,7,9,11 |
| 58. | Prabhat Verma | Rajesh Medical Stores, Sarangarh, CG | Medical Store | 1,2,3,7,9,11 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | |
|------------|------------------------|---------------------------------------------------|---------------|--------------|
| 59. | Prakhar Chouhan | Shree Laxmi Medical Shop, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 60. | Prakash Banjare | Laxmi Medical Shop, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 61. | Pranjal Kesharwani | Rajesh Medical Store, Sarangarh, CG | Medical Store | 1,2,3,7,9,11 |
| 62. | Pratibha bhagat | District Hospital Raipur | Medical Store | 1,2,3,7,9,11 |
| 63. | Praveen Bhatt | Laxmi Medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 64. | Preeti Seshanki Tirkey | Shri Bhagwati Medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 65. | Preeti Yadav | Rajat Medical Store, Surajpur, CG | Medical Store | 1,2,3,7,9,11 |
| 66. | Raghunath Verma | Alka Medical Stores, Kawardha, CG | Medical Store | 1,2,3,7,9,11 |
| 67. | Raja | Kunal Medical Stores Shiltara, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 68. | Rasmi Chandrakar | Balaji Medical Store Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 69. | Renu Kant | Laxmi Medical Shop, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 70. | Ritik Kumar | Gurukripa Medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 71. | Robin Son Kashyap | Nikki Medical Store, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 72. | Rohan Singh Sahu | Maa Laxmi medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 73. | Rohit Verma | Pooja medical Stores, Tilda, CG | Medical Store | 1,2,3,7,9,11 |
| 74. | Rupendra Kumar | Alka Medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 75. | Sahil Kumar Baghel | Kunal medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 76. | Sanat Kumar Netam | Rajesh Medical Stores, Sarangarh, CG | Medical Store | 1,2,3,7,9,11 |
| 77. | Sandip | Riyanpurna Medical Stores, Kawardha, CG | Medical Store | 1,2,3,7,9,11 |
| 78. | Sanjay | Ambey medical And General Stores, Rajnandgaon, CG | Medical Store | 1,2,3,7,9,11 |
| 79. | Sanjay Kumar | Kunal Medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 80. | Sanju Pal | Manas Medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

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|-----|-----------------------|--------------------------------------------------|---------------|--------------|
| 81. | Saurabh Patel | Ambey Medical And general Stores, Rajnandgaon | Medical Store | 1,2,3,7,9,11 |
| 82. | Shekhar Choudhary | Aarogya Hospital & General Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 83. | Shivam Santosh Thakur | Shiva medical & General Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 84. | Shreya Sharma | Maa Bhawani Pharmacy, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 85. | Shubham Verma | Shiva medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 86. | Siddharth Tiwari | We care hospital Pharmacy, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 87. | Smita Toppo | Chandrashekhar medical Store, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 88. | Sonali thakur | Aman medical Stores, Bemetara, CG | Medical Store | 1,2,3,7,9,11 |
| 89. | Suman Sahu | NH MMI Narayana Hospital, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 90. | Suryansh Keshri | We Care Hospital, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 91. | Swati Sahu | NH MMI Narayana Hospital, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 92. | Tukeshwar | Ajay Medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 93. | Tukeshwar Yadu | Sitaram Medicos, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 94. | Udit Narayan Sahu | Bihan Hospital Sadhu, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 95. | Vaishali kashyap | Laxmi Medical Store, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 96. | Vishwanath Sahu | Rajesh Medical Stores, Sarangarh, CG | Medical Store | 1,2,3,7,9,11 |
| 97. | Yadit Kumar | Shree Ram Medical Stores, Raipur, CG | Medical Store | 1,2,3,7,9,11 |
| 98. | Yogendra Kumar | Trived Medical And General Stores, Kurmatara, CG | Medical Store | 1,2,3,7,9,11 |
| 99. | Yogita Verma | District Hospital Tilda, Raipur, CG | Medical Store | 1,2,3,7,9,11 |

**List of the Seminar/Conferences/Workshops/Staff Development
Programme Conducted**


| Title of the Seminar/SDP/Conference | Funding Agency | Scheme | Co-ordinator/
Convenor/
Organizing Secretary | Date |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------|----------------------------------------------------|--------------------------|
| Four Days workshop on 'Hands-on training of research-oriented instruments' | JPES | Workshop | Columbia Institute of Pharmacy | May 28-01, 2025 |
| In-workshop on "Operation of Instruments sponsored by Jan Pragati Education Society, Raipur, C.G. on 06,13,20,27 April 2024. | JPES | Workshop | Columbia Institute of Pharmacy | April 6, 13, 20, 27 2024 |
| National Seminar on "Radiopharmaceuticals: Advances and applications in various fields of basic and allied science for the diagnosis and treatment of diseases" | AERB | Seminar | Dr. Shivshankar Shukla | July 27-28, 2023. |
| Department of Science and Technology - Synergistic Training Program Utilizing the Scientific and Technological Infrastructure (DST STUTI) | DST STUTI | Seminar | Dr. Shiv Shankar Shukla | December 12- 18, 2022 |

Impact Analysis –

1. Gain Valuable Work Experience
2. Have an Edge in the Job Market
3. Apply classroom knowledge
4. Gain first hand knowledge of pharmaceutical industry
5. Gain Confidence.

Student Feedback on Initiative

After the visit students are provided with feedback form on initiative taken. Feedback is considered to do further improvement for the same.

| | | | |
|-----------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|  | | COLUMBIA INSTITUTE OF PHARMACY
(Affiliated to CSVTU, Bilal) Approved by AICTE (New Delhi)
Near Vidhansabha, Village – Tekari, Raipur (C.G.) Website – www.columbiaiop.ac.in
Ph. No. – 07721-266302/303, 0771-6456853 E-mail – cipraipur@gmail.com | |
| INDUSTRIAL VISIT FEEDBACK FORM | | | |
| Name | Shreya Jain | | Branch |
| Class & Semester | 4th | | B. Pharm |

Note: Answer the following questions by marking (✓) against the choice answer.

- Was Visit technically helpful to you?
 Yes ☒ No ☐
- Was the industrial visit coordinator co-operative with you?
 Yes ☒ No ☐
 Somewhat ☐ Prefer not to say ☐
- Was the industrial visit educational?
 Yes ☒ No ☐
- Did the industrial visit was helpful for the achievement of program outcome of your pharmacy course?
 Yes ☒ No ☐
 Somewhat ☐ Prefer not to say ☐
- Were you satisfied with the type of service you received in the whole tour of industrial visit?
 Very Much ☒ Not Much ☐
 No Comments ☐
- Do you advise to arrange this type of visits in future?
 Yes ☒ No ☐
- Any suggestions that you would like to give us to improve our services.
 Care for proper hygiene and
 Hospitality to be taken.

Sign Shreya Jain

2.2.6 Continuous Evaluation Process (10)

(Mention the process followed and its effectiveness)

| |
|-----------------------------|
| Institute Marks (10) |
|-----------------------------|

Continuous evaluation is a practice in CIP, keeping the spirit of semester system. Sufficient tests and assessments are counter-productive. The main components of evaluation are described below.

Theory evaluation: In a semester period (90 days of instruction), two examinations are conducted with a gap of 40-45 days. Examination is of 1 hour, it gives greater opportunity to express. The pattern is short notes type and long essay type. Assignments are given to students which are corrected and feedback are given. Attendance regularity, active interaction in the classroom are given due credit in the evaluation. This makes the student engaged in the academic activity throughout the semester.

Practical Evaluation: In the laboratory setup, the experiments are conducted as per the list provided by the affiliating University (CSVТУ). A lot of time is spent for acquiring practical skills. The continuous evaluation provides the opportunity to practice the skill. It normally involves feedback and corrective action, completing the given task in a given time. This is the informal evaluation. The writing of the practical records, submission and evaluation are done regularly. Viva voce is conducted at the end of each experiment (every day) is another important feature of evaluation.


Evaluation:

The Sessional examination dates are mentioned in the Institutional academic calendar and Institutional annual calendar.

The examination committee prepares the schedule of –

1. Examination Time Table must be displayed on Examination Notice Board, 10 days prior to exam.
2. Comparative attendance must be submitted, 4days before the exam.
3. Students with attendance less than 75% are detained and same is informed to their parents.
4. Submission of question paper in prescribed format, 2days before the exam.
5. Submission of marks list, with in 15days.
6. Sessional Marks displayed in the Examination's Notice Board.
7. Student's performances are discussed in classrooms in order to update their subject comprehension.
8. Feeding of marks in sessional register.
9. Last date for submission of internal assessment marks to university is also indicated in the Institutional academic calendar.
10. Faculties evaluate the student's performance through exams.

Effectiveness: The above process demonstrates that the evaluation is a continuous process in our Institute. We also conduct feedback survey for the above parameters.


COLUMBIA INSTITUTE OF PHARMACY
 (Affiliated to CSVTU, Bhilai) Approved by AICTE (New Delhi)
 Near Vidhansabha, Village – Tekari, Raipur (C.G.) Website – www.columbiaiop.ac.in
 Ph. No. – 07721-266302/303, 0771-6456853 E-mail – cipraipur@gmail.com

FEEDBACK FORM FOR TEACHER EVALUATION BY STUDENTS

(Academic Session)

Note: This questionnaire has been designed by Columbia Institute of Pharmacy to seek a feedback from the student to strengthen the quality of teaching-learning environment and to look for opportunities to improve teacher's performance in classroom engagement with students to bring excellence in teaching and learning.

Name of Faculty:..... Subject: Subject Code:

In the following table tick (✓) the appropriate choice for each point.

| Rating → | | Avg.
(1) | Good
(2) | Excellent
(3) |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|------------------|
| Subject ↓ | | | | |
| Time Sense | 1 Regularity in the Class | | | |
| | 2 Complete syllabus of the course in time | | | |
| | 3 Scheduled organization of assignments, class test, quizzes and seminars | | | |
| Subject Command | 4 Focus on syllabi | | | |
| | 5 Conducting the classroom discussions | | | |
| | 6 Delivery of structured lecture | | | |
| | 7 Skill of linking subject to life experience & creating interest in the subject | | | |
| Use of Teaching Methods/ Teaching Aids | 8 Refers to latest developments in the field | | | |
| | 9 Uses of teaching aids (OHP/Blackboard/PPT's) | | | |
| Helping Attitude | 10 Uses of innovative teaching methods | | | |
| | 11 Helps student in providing study material which is not readily available in the text books say through e-resources, e-journals, reference books, open course wares etc. | | | |
| | 12 Helps students irrespective of ethnicity and culture/background | | | |
| | 13 Approach towards developing professional skills among students | | | |
| Laboratory Interaction (Only for Laboratory Course) | 14 Helps students in realizing career goals | | | |
| | 15 Regular checking of laboratory note books or taking viva voce | | | |
| Class Control | 16 Help students in exploring the area of study involved in the experiment | | | |
| | 17 Skill of addressing inappropriate behavior of student | | | |
| | 18 Acts as a role model | | | |
| | TOTAL | | | |

Date : _____ Signature of the Students _____

2.2.7 Quality of Experiments (20)

Institute Marks (20)

(Quality from the equipment set-up and performance perspective)

The coordination between theory and practical knowledge is necessary for the technical upgradation of the students. Institutes follow the syllabus provided

by the CSVTU (affiliated university). Institute maintain the quality of experiments in following manner:

- The laboratories are spacious and equipped with the necessary infrastructure that facilitate for the smooth conduct of experiments.
- The Institute has the necessary equipments, instruments and apparatus as prescribed the Pharmacy Council of India. (List Enclosed in Criteria 6)
- The faculties are well qualified and experienced for handling the practical/labs work and effective learning.
- The faculties are continuously striving and actively involved in research work, which is translated into the practicals.
- The simulation experiments for the pharmacology are conducted regularly using established software. The animal experiments conducted by PG students are being exposed to B. Pharm. students for enhanced learning of pharmacology.
- Lab manual of all subjects made available to every respective laboratory for smoothly conduction of experiments.
- Sufficient number of systems is maintained in the computer lab to enable that each student can get one terminal, so as to work independently in a lab.
- SOPs are also prepared of every instrument.
- Faculties implement the SOPs whenever required.
- Academic Committee and IDMC assure the quality of experiments.

Based on the perspective and setup, the experimental course work is correlated to the program outcomes, while rating the equipment and performance of the students.

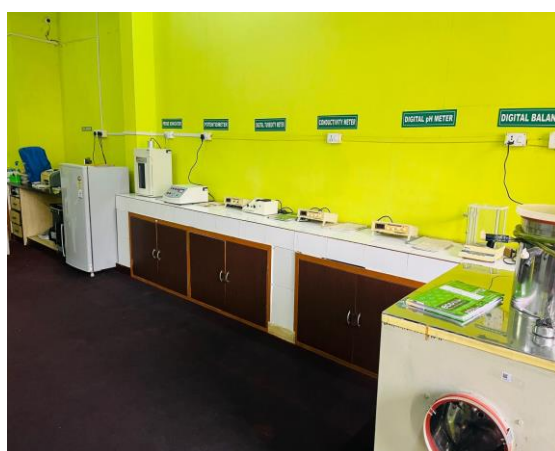
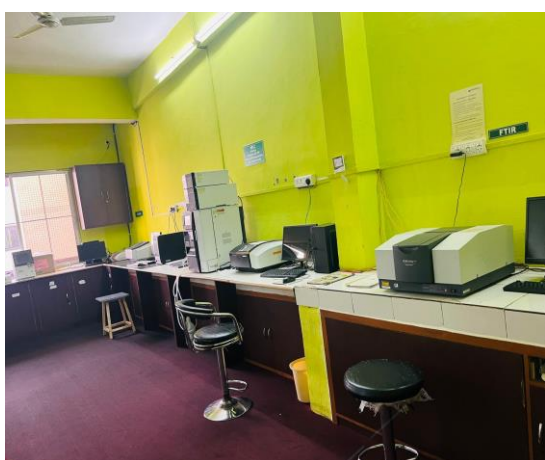
List of Instruments Available in Vearious Labs
CENTRAL INSTRUMENTATION ROOM

| Sl. No. | Name of Instruments | Manufactur
er | Model | Existence
of SOPs | Existence
of Log
Book |
|---------|---------------------------|------------------|-------------|----------------------|-----------------------------|
| 1. | UV –Vis Spectrophotometer | Shimadzu | UV 19001 | Yes | Yes |
| 2. | Auto Analyzer | Labcare | Accuhem-100 | Yes | Yes |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | | |
|-----|----------------------------------------------|-----------------------------------------------|----------------------------------------|-----|-----|
| 3. | Micro Centrifuge | Remi | RM-03 Plus | Yes | Yes |
| 4. | Zeta Sizer | Anton paar | Litesizer 500 | Yes | Yes |
| 5. | High Performance Liquid Chromatography | Shimadzu | i-series LC 2050 C30 | Yes | Yes |
| 6. | Fourier Transform Infrared Spectrophotometer | Shimadzu | IR affinity 1 | Yes | Yes |
| 7. | UV –Vis Spectrophotometer | Shimadzu | UV-1800 | Yes | Yes |
| 8. | Flash Chromatography | Buchi | Pump Manager C615
Pump Manager C601 | Yes | Yes |
| 9. | Viscometer | Brookfield | Model-RVT | Yes | Yes |
| 10. | Lyophilizer (Freeze Dryer) | Assembled By Multitech Scientific Instruments | Temperature -40°C | Yes | Yes |
| 11. | Digital Balance | Keroy | Capacity Min 10mg | Yes | Yes |
| 12. | Digital Balance | Shimadzu | Mg sensitivity | Yes | Yes |
| 13. | pH Meter | Electronic India (EI) | 111 | Yes | Yes |
| 14. | Digital Potentiometer | Electronic India (EI) | 118 | Yes | Yes |
| 15. | Conductivity Meter | Electronic India (EI) | 611 | Yes | Yes |
| 16. | Probe Sonicator | PCI | PCI 750F | Yes | Yes |
| 17. | Bath Sonicator | PCI | | Yes | Yes |
| 18. | Digital Turbidity Meter | Electronic India (EI) | 331 | Yes | Yes |
| 19. | Digital Flame Photometer | Esico | 381 | Yes | Yes |
| 20. | Biochemistry Analyser | Electronic India (EI) | Chem 400 | Yes | Yes |
| 21. | Digital Photo Colorimeter | Teknik | - | Yes | Yes |
| 22. | Digital Microscope | Coslab | HL-22 | Yes | Yes |
| 23. | Fluorescence Microscope | Labomed | Lx 400 eFL | Yes | Yes |
| 24. | Digital Fluorometer | EI | 681 | Yes | Yes |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS



Machine Room

| Sl. No. | Name | Manufacturer | Model |
|---------|-----------------------------------------|--------------------------|---------------|
| 1. | Super Critical Fluid Extractor | Amar Equipment Pvt. Ltd. | S004 |
| 2. | Spray Dryer | Varco | VG-SPD-01 |
| 3. | Tray dryer | Gautam Lab Equipment | TH-012 |
| 4. | Ball mill | Amipro Systems | - |
| 5. | Sieve shaker with sieve set | Lab tech | - |
| 6. | Double cone blender | Orchid Scientifics | - |
| 7. | Autoclave | Equitron | 7421SLEFA |
| 8. | Vacuum Pump | Farcovac | - |
| 9. | Tablet punching machine | Shakti | ISO-9001-2000 |
| 10. | Capsule filling machine | Labtech | - |
| 11. | Ampoule washing machine | Teknik | P-A5 |
| 12. | Ampoule filling and sealing machine | Teknik | - |
| 13. | Tablet disintegration test apparatus IP | EI, Indosati | |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | |
|-----|--------------------------------------------|----------------------------------|-----------------|
| 14. | Tablet dissolution test apparatus IP | Veego | VDA-8DR |
| 15. | Ointment filling machine | - | - |
| 16. | Collapsible tube crimping machine | - | - |
| 17. | Tablet coating pan | Orchid Scientifics | SPG001 |
| 18. | All purpose equipment with all accessories | Orchid Scientifics | SPG001 |
| 19. | Aseptic Cabinet | Remi | - |
| 20. | Bottle washing Machine | Labtech | - |
| 21. | Bottle Sealing Machine | Labtech | - |
| 22. | Liquid Filling Machine | Labtech | - |
| 23. | Precision Melting point Apparatus | Rolex | |
| 24. | Distillation Unit | Amipro systems | |
| 25. | CO ₂ Incubator | New Brunswick | CO170S-230-1000 |
| 26. | Microplate Reader | Insta Biotech | ELX800 |
| 27. | Rota Evaporator | Buchi | SJ 29/32 |
| 28. | Stability Chamber | Multitech Scientific instruments | - |
| 29. | Deep Freezer | Multitech Scientific instruments | - |



DEPARTMENT OF PHARMACEUTICS

| Sl. No. | Name | Minimum Required Nos. | Available Nos. | Working Yes / No |
|---------|-----------------------------------------------------------------|-----------------------|----------------|------------------|
| 1. | Mechanical stirrers | 20 | 20 | Yes |
| 2. | Homogenizer | 10 | 10 | Yes |
| 3. | Digital balance | 05 | 05 | Yes |
| 4. | Microscopes | 10 | 10 | Yes |
| 5. | Stage and eye piece micrometers | 15 | 15 | Yes |
| 6. | Steam distillation still | 01 | 01 | Yes |
| 7. | Standard sieves, sieve no. 8, 10, 12, 22, 24, 44, 66, 80 | 10 sets | 10 Sets | Yes |
| 8. | Tablet punching machine | 01 | 01 | Yes |
| 9. | Capsule filling machine | 01 | 01 | Yes |
| 10. | Ampoule washing machine | 01 | 01 | Yes |
| 11. | Ampoule filling and sealing machine | 01 | 01 | Yes |
| 12. | Tablet disintegration test apparatus IP | 02 | 02 | Yes |
| 13. | Tablet dissolution test apparatus IP | 01 | 01 | Yes |
| 14. | Monsanto's hardness tester | 02 | 02 | Yes |
| 15. | Pfizer type hardness tester | 01 | 01 | Yes |
| 16. | Friability test apparatus | 01 | 01 | Yes |
| 17. | Magnetic stirrer, 500ml and 1 liter capacity with speed control | 05 EACH
10 | 05 Each
10 | Yes |
| 18. | Digital pH meter | 01 | 01 | Yes |
| 19. | BOD Incubator | 02 | 02 | Yes |
| 20. | Bulk Density Apparatus | 02 | 02 | Yes |
| 21. | Conical Percolator (glass/ copper/ stainless steel) | 10 | 10 | Yes |
| 22. | Mechanical stirrer with speed regulator | 02 | 02 | Yes |

Apparatus:

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No |
|---------|----------------------------------------|-----------------------|----------------|------------------|
| 1 | Ostwald's viscometer | 20 | 20 | Yes |
| 2 | Stalagmometer | 20 | 20 | Yes |
| 3 | Desiccator* | 10 | 10 | Yes |
| 4 | Suppository moulds | 20 | 20 | Yes |
| 5 | Buchner Funnels (Small, medium, large) | 05 each | 05 Each | Yes |
| 6 | Filtration assembly | 01 | 01 | Yes |
| 7 | Permeability Cups | 05 | 05 | Yes |
| 8 | Andreason's Pipette | 05 | 05 | Yes |
| 9 | Lipstick moulds | 10 | 10 | Yes |

DEPARTMENT OF PHARMACOLOGY

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No |
|---------|-----------------------------------|-----------------------|----------------|------------------|
| 1 | Maze Apparatus | 01 | 01 | Yes |
| 2 | Microscopes | 20 | 20 | Yes |
| 3 | Haemocytometer with Micropipettes | 20 | 20 | Yes |
| 4 | Sahli's haemocytometer | 20 | 20 | Yes |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | |
|----|-----------------------------------------------------------|------------------------------------------------------------------------------------------|-----------|-----|
| 5 | Hutchinson's spirometer | 01 | 01 | Yes |
| 6 | Spygmomanometer | 10 | 12 | Yes |
| 7 | Stethoscope | 10 | 24 | Yes |
| 8 | Permanent Slides for various tissues | One pair of each tissue
Organs and endocrine glands
One slide of each organ system | Available | Yes |
| 9 | Models for various organs | One model of each organ system | Available | Yes |
| 10 | Specimen for various organs and systems | One model for each organ system | Available | Yes |
| 11 | Skeleton and bones | One set of skeleton and one spare bone | Available | Yes |
| 12 | Different Contraceptive Devices and Models | One set of each device | Available | Yes |
| 13 | Muscle electrodes | 01 | 01 | Yes |
| 14 | Lucas moist chamber | 01 | 01 | Yes |
| 15 | Myographic lever | 01 | 01 | Yes |
| 16 | Stimulator | 01 | 01 | Yes |
| 17 | Centrifuge | 01 | 01 | Yes |
| 18 | Digital Balance | 01 | 01 | Yes |
| 19 | Physical /Chemical Balance | 01 | 01 | Yes |
| 20 | Sherrington's Kymograph Machine / Polyrite | 10 | 44 | Yes |
| 21 | Sherrington Drum | 10 | 44 | Yes |
| 22 | Perspex bath assembly (single unit) | 10 | 44 | Yes |
| 23 | Aerators | 10 | 20 | Yes |
| 24 | Computer with LCD | 01 | 01 | Yes |
| 25 | Software packages for experiment | 01 | 01 | Yes |
| 26 | Standard graphs of various drugs | Adequate number | Available | Yes |
| 27 | Actophotometer | 01 | 01 | Yes |
| 28 | Rotarod | 01 | 01 | Yes |
| 29 | Pole climbing apparatus | 01 | 01 | Yes |
| 30 | Analgesimeter (Eddy's hot plate and radiant heat methods) | 01 | 01 | Yes |
| 31 | Convulsimeter | 01 | 01 | Yes |
| 32 | Plethysmograph | 01 | 01 | Yes |
| 33 | Digital pH meter | 01 | 01 | Yes |

Apparatus:

| Sl. No. | Name | Minimum required Nos | Available Nos. | Working Yes / No |
|---------|---------------------------------------------------|----------------------|----------------|------------------|
| 1 | Folin-Wu tubes | 60 | 60 | Yes |
| 2 | Dissection Tray and Boards | 10 | 10 | Yes |
| 3 | Haemostatic artery forceps | 10 | 10 | Yes |
| 4 | Hypodermic syringes and needles of size 15,24,26G | 10 | 10 | Yes |
| 5 | Levers, cannulae | 20 | 20 | Yes |
| 6 | Maze Apparatus | 01 | 01 | Yes |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

DEPARTMENT OF PHARMACOGNOSY

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No |
|---------|--------------------------------------------|-----------------------|----------------|------------------|
| 1 | Microscope with stage micrometer | 20 | 20 | Yes |
| 2 | Digital Balance | 02 | 02 | Yes |
| 3 | Autoclave | 02 | 02 | Yes |
| 4 | Hot air oven | 02 | 02 | Yes |
| 5 | B.O.D. incubator | 01 | 01 | Yes |
| 6 | Refrigerator | 01 | 01 | Yes |
| 7 | Laminar air flow | 01 | 01 | Yes |
| 8 | Colony counter | 02 | 02 | Yes |
| 9 | Zone reader | 01 | 01 | Yes |
| 10 | Digital pH meter | 01 | 01 | Yes |
| 11 | Sterility testing unit | 01 | 01 | Yes |
| 12 | Camera Lucida | 20 | 20 | Yes |
| 13 | Eye piece micrometer | 20 | 20 | Yes |
| 14 | Incinerator | 01 | 01 | Yes |
| 15 | Moisture balance | 01 | 01 | Yes |
| 16 | Heating mantle | 20 | 20 | Yes |
| 17 | Flourimeter | 01 | 01 | Yes |
| 18 | Vacuum pump | 02 | 02 | Yes |
| 19 | Micropipettes (Single and multi channeled) | 05 | 05 | Yes |
| 20 | Micro Centrifuge | 01 | 01 | Yes |
| 21 | Projection Microscope | 01 | 01 | Yes |

Apparatus:

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No |
|---------|-----------------------------|-----------------------|----------------|------------------|
| 1 | Reflux flask with condenser | 20 | 20 | Yes |
| 2 | Water bath | 20 | 20 | Yes |
| 3 | Clavengers apparatus | 10 | 10 | Yes |
| 4 | Soxhlet apparatus | 10 | 10 | Yes |
| 6 | TLC chamber and sprayer | 10 | 10 | Yes |
| 7 | Distillation unit | 01 | 01 | Yes |

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No |
|---------|---------------------------------------|-----------------------|----------------|------------------|
| 1 | Hot plates | 05 | 05 | Yes |
| 2 | Oven | 03 | 03 | Yes |
| 3 | Refrigerator | 01 | 01 | Yes |
| 4 | Analytical Balances for demonstration | 05 | 05 | Yes |
| 5 | Digital balance 10mg sensitivity | 10 | 10 | Yes |
| 6 | Digital Balance (1mg sensitivity) | 01 | 01 | Yes |
| 7 | Suction pumps | 06 | 06 | Yes |
| 8 | Muffle Furnace | 01 | 01 | Yes |
| 9 | Mechanical Stirrers | 10 | 10 | Yes |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | |
|----|-----------------------------------|----|----|-----|
| 10 | Magnetic Stirrers with Thermostat | 10 | 10 | Yes |
| 11 | Vacuum Pump | 01 | 01 | Yes |
| 12 | Digital pH meter | 01 | 01 | Yes |
| 13 | Microwave Oven | 02 | 02 | Yes |

Apparatus:

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No |
|---------|---------------------------------------------------|-----------------------|----------------|------------------|
| 1 | Distillation Unit | 02 | 02 | Yes |
| 2 | Reflux flask and condenser single necked | 20 | 20 | Yes |
| 3 | Reflux flask and condenser double / triple necked | 20 | 20 | Yes |
| 4 | Burettes | 100 | 100 | Yes |
| 5 | Arsenic Limit Test Apparatus | 25 | 25 | Yes |
| 6 | Nessler's Cylinders | 50 | 50 | Yes |

PHARMACEUTICAL BIOTECHNOLOGY

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No |
|---------|-----------------------------------------------|-----------------------|----------------|------------------|
| 1 | Orbital shaker incubator | 01 | 01 | Yes |
| 2 | Lyophilizer (Desirable) | 01 | 01 | Yes |
| 3 | Gel Electrophoresis (Vertical and Horizontal) | 01 | 01 | Yes |
| 4 | Phase contrast/Trinocular Microscope | 01 | 01 | Yes |
| 5 | Refrigerated Centrifuge | 01 | 01 | Yes |
| 6 | Fermenters of different capacity (Desirable) | 01 | --- | --- |
| 7 | Tissue culture station | 01 | 01 | Yes |
| 8 | Laminar airflow unit | 01 | 01 | Yes |
| 9 | Diagnostic kits to identify infectious agents | 01 | 01 | Yes |
| 10 | Rheometer | 01 | 01 | Yes |
| 11 | Viscometer | 01 | 01 | Yes |
| 12 | Micropipettes (single and multi channeled) | 01 each | 01 Each | Yes |
| 13 | Sonicator | 01 | 01 | Yes |
| 14 | Respinometer | 01 | 01 | Yes |
| 15 | BOD Incubator | 01 | 01 | Yes |
| 16 | Paper Electrophoresis Unit | 01 | 01 | Yes |
| 17 | Micro Centrifuge | 01 | 01 | Yes |

CRITERION 2: PROGRAM CURRICULUM AND TEACHING-LEARNING PROCESS

| | | | | |
|----|----------------------|----|----|-----|
| 18 | Incubator water bath | 01 | 01 | Yes |
| 19 | Autoclave | 01 | 01 | Yes |
| 20 | Refrigerator | 01 | 01 | Yes |
| 21 | Filtration Assembly | 01 | 01 | Yes |
| 22 | Digital pH meter | 01 | 01 | Yes |

| Sl. No. | Assessment Parameters | Marks | |
|-------------------|-----------------------------------------------------------------------------------------------|------------|-------------|
| | | Prescribed | Institute |
| 2.1.1 | Delivery of Syllabus Contents and compliance of the curriculum for attainment of POs (10) | 10 | 10 |
| 2.1.2 | State the delivery details of the contents beyond the Syllabus for the attainment of POs (20) | 20 | 20 |
| 2.1.3 | Adherence to Academic Calendar (10) | 10 | 10 |
| 2.2.1 | Initiatives in teaching and learning process (25) | 25 | 25 |
| 2.2.2 | Quality of internal semester question papers, assignments and evaluation (10) | 10 | 10 |
| 2.2.3 | Quality of Students projects (15) | 15 | 15 |
| 2.2.4 | Initiatives related to Industry and/or Hospital interaction (20) | 20 | 20 |
| 2.2.5 | Initiatives related to skill Development programs/ industry internships/summer training (10) | 10 | 10 |
| 2.2.6 | Continuous Evaluation Process (10) | 10 | 10 |
| 2.2.7 | Quality of Experiments (20) | 20 | 20 |
| TOTAL | | 150 | 150 |
| Percentage | | | 100% |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)**3. Course Outcomes (COs) and Program Outcomes (POs) (100)****Institute Marks (84)****3.1 Establish the correlation between the courses and the Program Outcomes (20)****3.1.1 Course Outcomes (SAR should include course outcomes of one course from each semester of study, however, should be prepared for all courses) (05)****Institute Marks (05)****Note : Number of Outcomes for a Course is expected to be around 6.**

| | | | |
|----------------------|--------------|----------------------|------------------|
| Course Name : | C1 01 | Course Year : | 2023-2024 |
|----------------------|--------------|----------------------|------------------|

| Course Name | Statements |
|-------------|---------------------------------------------------------------------------------------------------|
| C1 01.1 | BP101.1 Explain the gross morphology, structure and functions of various organs of the human body |
| C1 01.2 | BP101.2 Describe the various homeostatic mechanisms and their imbalances |
| C1 01.3 | BP 101.3 Identify the various tissues and organs of different systems of human body |
| C1 01.4 | BP101.4 Perform the various experiments related to special senses and nervous system |
| C1 01.5 | BP101.5 Appreciate coordinated working pattern of different organs of each system |
| C1 01.6 | BP 101.6 To adapt the anatomy and physiology of heart and blood vessels |

| | | | |
|----------------------|--------------|----------------------|------------------|
| Course Name : | C1 02 | Course Year : | 2023-2024 |
|----------------------|--------------|----------------------|------------------|

| Course Name | Statements |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C1 03.1 | BP203.1 Understand the catalytic role of enzymes, importance of enzyme inhibitors in design of new drugs, therapeutic and diagnostic applications of enzymes. |
| C1 03.2 | BP2013.2 Understand the catalytic role of enzymes, importance of enzyme inhibitors in design of new drugs, therapeutic and diagnostic applications of enzymes. |
| C1 03.3 | BP203.3 Understand the genetic organization of mammalian genome and functions of DNA in the |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| | |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| | synthesis of RNAs and proteins. |
| C1 03.4 | BP203.4 To remember the properties, significance and metabolic reactions of carbohydrates, lipids, nucleic acids, proteins and amino acids. |
| C1 03.5 | BP203.5 To understand the metabolism of carbohydrates and process of electron transport and ATP formation. |
| C1 03.6 | BP203.6 To apply the concept of catalytic activity and enzyme inhibition in design of new drugs, diagnostic and therapeutic applications of enzyme. |

| | | | |
|----------------------|--------------|----------------------|------------------|
| Course Name : | C2 03 | Course Year : | 2023-2024 |
|----------------------|--------------|----------------------|------------------|

| Course Name | Statements |
|-------------|-------------------------------------------------------------------------------------------------------------------------|
| C2 02.1 | BP302.1 Understand various physicochemical properties of drug molecules in the designing the dosage form |
| C2 02.2 | BP302.2 Know the principles of chemical kinetics & to use them in assigning expiry date for formulation |
| C2 02.3 | BP302.3 Demonstrate use of physicochemical properties in evaluation of dosage forms. |
| C2 02.4 | BP302.4 Appreciate physicochemical properties of drug molecules in formulation research and development |
| C2 02.5 | BP302.5 To perceive and apply the concepts of complexation and protein binding in pharmacy. |
| C2 02.6 | BP302.6 To elaborate the significance of physical properties of drug molecules in design and stability of dosage forms. |

| | | | |
|----------------------|--------------|----------------------|------------------|
| Course Name : | C2 04 | Course Year : | 2023-2024 |
|----------------------|--------------|----------------------|------------------|

| Course Name | Statements |
|-------------|-----------------------------------------------------------------------------------------------|
| C2 04.1 | BP402.1 Understand the chemistry of drugs with respect to their pharmacological activity |
| C2 04.2 | BP402.2 Understand the drug metabolic pathways, adverse effect and therapeutic value of drugs |
| C2 04.3 | BP402.3 Know the Structural Activity Relationship (SAR) of different class of drugs |
| C2 04.4 | BP402.4 Write the chemical synthesis of some drugs |
| C2 04.5 | BP402.5 To design the synthetic routes for medicinal compounds. |
| C2 04.6 | BP402.6 To choose the appropriate medicinal compound for treatment of disease or disorder |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| | | | |
|----------------------|--------------|----------------------|------------------|
| Course Name : | C3 05 | Course Year : | 2023-2024 |
|----------------------|--------------|----------------------|------------------|

| Course Name | Statements |
|-------------|----------------------------------------------------------------------------------------------------------------|
| C3 05.1 | BP503.1 Understand the mechanism of drug action and its relevance in the treatment of different diseases |
| C3 05.2 | BP503.2 Demonstrate isolation of different organs/tissues from the laboratory animals by simulated experiments |
| C3 05.3 | Bp503.3 Demonstrate the various receptor actions using isolated tissue preparation |
| C3 05.4 | BP503.4 Appreciate correlation of pharmacology with related medical sciences |
| C3 05.5 | BP503.5 To analyze and summarize the drugs acting on endocrine system. |
| C3 05.6 | BP503.6 To identify the role of autocooids and related drugs. |

| | | | |
|----------------------|--------------|----------------------|------------------|
| Course Name : | C3 06 | Course Year : | 2023-2024 |
|----------------------|--------------|----------------------|------------------|

| Course Name | Statements |
|-------------|---------------------------------------------------------------------------------------------------|
| C3 06.6 | BP603.5 To illustrate the scope and future prospects of the herbal drug industry. |
| C3 06.1 | BP603.1 Understand raw material as source of herbal drugs from cultivation to herbal drug product |
| C3 06.2 | BP603.2 Know the WHO and ICH guidelines for evaluation of herbal drugs |
| C3 06.3 | BP603.3 Know the herbal cosmetics, natural sweeteners, nutraceuticals |
| C3 06.4 | BP603.4 Appreciate patenting of herbal drugs, GMP . |
| C3 06.5 | BP603.5 To apply the knowledge for evaluation and preparation of herbal formulations. |

| | | | |
|----------------------|--------------|----------------------|------------------|
| Course Name : | C4 07 | Course Year : | 2023-2024 |
|----------------------|--------------|----------------------|------------------|

| Course Name | Statements |
|-------------|------------------------------------------------------------------------------------------------------------------------------|
| C4 07.6 | BP701.6 To categorize different organic and inorganic compounds using suitable spectroscopic and chromatographic techniques. |
| C4 07.1 | BP701.1 Understand the interaction of matter with electromagnetic radiations and its applications in drug analysis |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| | |
|---------|---------------------------------------------------------------------------------------------------------------------------|
| C4 07.2 | BP701.2 Understand the chromatographic separation and analysis of drugs. |
| C4 07.3 | BP701.3 Perform quantitative & qualitative analysis of drugs using various analytical instruments. |
| C4 07.4 | BP701.4 To simplify affinity of matter with stationary phase and mobile phase, physical and chemical properties of matter |
| C4 07.5 | BP701.5 To elaborate various principles, theory and instruments employed for the characterization and analysis of drugs. |

| | | | |
|---------------|-------|---------------|-----------|
| Course Name : | C4 08 | Course Year : | 2023-2024 |
|---------------|-------|---------------|-----------|

| Course Name | Statements |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C4 08.1 | BP804.1 Know about the process of drug discovery and development. |
| C4 08.2 | BP804.2 Know the regulatory authorities and agencies governing the manufacture and sale of pharmaceuticals. |
| C4 08.3 | BP804.3 Know the regulatory approval process and their registration in Indian and international markets |
| C4 08.4 | BP804.4 To perceive the regulatory approval process and timelines for IND, NDA and ANDA and to know about changes to an approved NDA/ANDA. |
| C4 08.5 | BP804.5 To familiar with Regulatory authorities and agencies like India, USA, Europe, Australia, Japan and Canada |
| C4 08.6 | BP804.6 To understand the concepts of Regulatory science in pharmaceutical industry as well as to make use of regulatory guidelines, laws, acts, orange and purple book |

3.1.2 CO-PO matrices of courses selected in 3.1.1 (four matrices to be mentioned; one per semester from 1st to 8th semester; atleast one per year) (05)

| |
|-----------------------------|
| Institute Marks (05) |
|-----------------------------|

1. Course Name: C101

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| C101.1 | 3 | - | - | 3 | 3 | - | - | - | - | 3 | 2 |
| C101.2 | 3 | 3 | 1 | 3 | 3 | - | - | - | - | - | - |
| C101.3 | 2 | - | - | - | - | - | 3 | 1 | 1 | - | - |
| C101.4 | 2 | - | 2 | 3 | - | 2 | - | - | - | - | 2 |
| C101.5 | 2 | 2 | - | - | 2 | - | 1 | 1 | 2 | - | - |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| | | | | | | | | | | | |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C101.6 | 1 | - | - | - | - | 2 | - | - | 1 | - | - |
| Average | 2.17 | 2.50 | 1.50 | 3.00 | 2.66 | 2.00 | 2.00 | 1.00 | 1.33 | 3.00 | 2.00 |

2. Course Name: C102

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C103.1 | 3 | - | - | 3 | - | - | - | - | - | - | 2 |
| C103.2 | 3 | - | - | - | 3 | - | 3 | - | - | 1 | - |
| C103.3 | 2 | 3 | - | - | - | - | - | 2 | - | - | - |
| C103.4 | 2 | - | 2 | 1 | - | 1 | - | - | - | - | 2 |
| C103.5 | 2 | 3 | - | - | 3 | - | 1 | 3 | 2 | 1 | - |
| C103.6 | 2 | - | - | - | - | 1 | - | - | 2 | - | - |
| Average | 2.33 | 3.00 | 2.00 | 2.00 | 3.00 | 1.00 | 2.00 | 2.50 | 2.00 | 1.00 | 2.00 |

3. Course Name: C203

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C202.1 | 3 | - | 2 | - | - | 3 | - | - | - | - | 3 |
| C202.2 | 1 | 3 | - | - | - | - | 2 | 3 | - | - | - |
| C202.3 | 2 | - | - | - | 1 | - | - | - | 3 | 3 | - |
| C202.4 | 2 | - | 3 | 3 | - | 2 | 3 | - | - | - | 3 |
| C202.5 | 2 | 3 | - | - | 3 | - | - | 2 | 2 | 3 | - |
| C202.6 | 2 | - | - | - | - | 2 | 2 | - | 2 | - | - |
| Average | 2.00 | 3.00 | 2.50 | 3.00 | 2.00 | 2.33 | 2.33 | 2.50 | 2.33 | 3.00 | 3.00 |

4. Course Name: C204

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C204.1 | 3 | - | - | 2 | - | - | 3 | - | - | - | - |
| C204.2 | 3 | 3 | 3 | - | - | - | - | - | 2 | - | 3 |
| C204.3 | 2 | - | - | - | 1 | - | - | 3 | - | 3 | - |
| C204.4 | 2 | 2 | 1 | 1 | - | 1 | - | - | - | 3 | - |
| C204.5 | 2 | - | - | - | 3 | - | 3 | - | 1 | - | 3 |
| C204.6 | 1 | - | 1 | - | - | 1 | - | 2 | 1 | - | - |
| Average | 2.16 | 2.50 | 1.66 | 1.50 | 2.00 | 1.00 | 3.00 | 2.50 | 1.33 | 3.00 | 3.00 |

5. Course Name: C305

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C305.1 | - | - | 1 | - | - | - | - | - | - | 3 | - |
| C305.2 | 3 | 3 | 3 | - | 3 | 3 | - | 2 | 3 | - | - |
| C305.3 | 2 | - | - | - | - | - | 3 | - | - | 2 | - |
| C305.4 | 1 | - | 2 | 3 | - | 2 | - | - | - | - | 3 |
| C305.5 | 1 | 3 | - | - | 3 | - | 2 | 3 | 1 | - | - |
| C305.6 | 1 | - | - | - | - | 2 | - | - | 1 | - | 1 |
| Average | 1.83 | 3.00 | 2.50 | 2.00 | 3.00 | 2.33 | 2.50 | 2.50 | 1.66 | 2.50 | 2.00 |

6. Course Name: C306

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C306.6 | 2 | - | - | - | 3 | 3 | 1 | - | 2 | - | - |
| C306.1 | 3 | - | 3 | - | - | - | 2 | - | - | - | - |
| C306.2 | 1 | 3 | - | 1 | - | 1 | - | - | - | 3 | - |
| C306.3 | 2 | - | - | - | 2 | - | - | 3 | - | - | 3 |
| C306.4 | 2 | - | 2 | 3 | - | 3 | 3 | - | 3 | - | - |
| C306.5 | 1 | 1 | - | - | - | - | - | 3 | 1 | 3 | 3 |
| Average | 1.83 | 2.00 | 2.50 | 2.00 | 2.50 | 2.33 | 2.00 | 3.00 | 2.00 | 3.00 | 3.00 |

7. Course Name: C407

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C407.6 | 1 | - | - | 2 | - | 1 | - | - | 1 | - | - |
| C407.1 | 3 | - | 3 | - | - | - | - | - | 1 | - | - |
| C407.2 | 3 | - | - | 3 | - | - | - | 2 | - | 1 | - |
| C407.3 | 1 | 1 | - | - | 3 | - | 3 | - | - | - | 2 |
| C407.4 | 2 | - | 3 | 2 | - | 1 | - | 2 | - | 3 | - |
| C407.5 | 2 | 3 | - | - | 2 | - | 2 | - | 2 | - | 2 |
| Average | 2.00 | 2.00 | 3.00 | 2.33 | 2.50 | 1.00 | 2.50 | 2.00 | 1.33 | 2.00 | 2.00 |

8. Course Name: C408

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C408.1 | 3 | - | - | - | - | 2 | - | - | - | - | - |
| C408.2 | 3 | - | 3 | 3 | - | - | - | - | - | 3 | - |
| C408.3 | 2 | 3 | - | - | 3 | - | 2 | 2 | - | - | 2 |
| C408.4 | 2 | - | 1 | 1 | - | 2 | - | - | - | - | - |
| C408.5 | 2 | 1 | - | - | 1 | - | 3 | 1 | 2 | 3 | 3 |
| C408.6 | 1 | - | - | - | - | 2 | - | - | 2 | - | - |
| Average | 2.16 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.50 | 1.50 | 2.00 | 3.00 | 3.00 |

3.1.3 Course-PO matrix of courses for all four years of study (10)

| |
|------------------------------|
| Institute Marks (8.5) |
|------------------------------|

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|----------|------|------|------|------|------|------|------|------|------|------|------|
| BP101 T | 2.16 | 2.5 | 1.5 | 3.0 | 2.6 | 2.0 | 2.0 | 1.0 | 1.3 | 3.0 | 2.0 |
| BP102T | 1.83 | 2.33 | 1.5 | 2.33 | 2.5 | 1.66 | 2.0 | 1.0 | 1.33 | 1.5 | 2.0 |
| BP103T | 2.0 | 2.33 | 1.5 | 2.33 | 2.5 | 1.66 | 3.0 | 1.33 | 1.33 | 2.5 | 2.0 |
| BP104T | 1.83 | 1.33 | 1.5 | 2.66 | 1.0 | 1.3 | 1.5 | 1.33 | 1.33 | 2.5 | 2.5 |
| BP105T | 1.83 | 1.33 | 1.0 | 2.66 | 1.0 | 1.66 | 1.5 | 1.75 | 1.33 | 1.5 | 2.5 |
| BP106RBT | 2.5 | 1.5 | 1.0 | 2.0 | 0.0 | 1.5 | 1.5 | 0.0 | 1.25 | 2.0 | 2.0 |
| BP106RM | 3.0 | 0.0 | 2.5 | 3.0 | 0.0 | 1.66 | 1.5 | 0.0 | 1.33 | 2.0 | 2.0 |
| BP107P | 2.66 | 0.0 | 1.25 | 1.33 | 0.0 | 1.0 | 0.0 | 0.0 | 1.5 | 0.0 | 2.0 |
| BP108P | 2.0 | 2.0 | 1.5 | 1.33 | 1.0 | 1.0 | 0.0 | 0.0 | 1.5 | 0.0 | 2.0 |
| BP109P | 3.0 | 1.5 | 2.5 | 1.33 | 0.0 | 1.0 | 0.0 | 0.0 | 1.5 | 0.0 | 2.0 |
| BP110P | 2.16 | 0.0 | 2.66 | 1.25 | 0.0 | 1.4 | 0.66 | 0.0 | 1.5 | 0.0 | 1.0 |
| BP111P | 2.0 | 0.0 | 2.66 | 1.25 | 0.0 | 1.4 | 0.66 | 0.0 | 1.5 | 0.0 | 1.0 |
| BP112RBP | 2.0 | 0.0 | 1.5 | 1.25 | 0.0 | 1.4 | 0.66 | 0.0 | 1.5 | 0.0 | 1.0 |
| BP201T | 2.16 | 0.0 | 0.0 | 1.5 | 0.0 | 1.75 | 1.66 | 0.0 | 1.6 | 0.0 | 2.0 |
| BP202T | 2.0 | 2.33 | 2.0 | 2.0 | 0.0 | 1.33 | 0.0 | 0.0 | 1.66 | 1.0 | 2.0 |
| BP203T | 2.33 | 3.0 | 2.0 | 2.0 | 3.0 | 1.0 | 2.0 | 2.5 | 2.0 | 1.0 | 2.0 |
| BP204T | 2.33 | 1.0 | 1.66 | 2.0 | 0.0 | 1.0 | 2.0 | 0.0 | 1.5 | 0.0 | 1.33 |
| BP205T | 1.66 | 1.3 | 2.66 | 2.0 | 0.0 | 1.25 | 2.0 | 0.0 | 1.5 | 1.0 | 1.33 |
| BP206T | 1.0 | 3.0 | 2.0 | 2.0 | 3.0 | 1.0 | 2.0 | 2.5 | 2.0 | 1.0 | 2.0 |
| BP207P | 1.0 | 1.66 | 2.0 | 1.66 | 3.0 | 1.0 | 2.0 | 0.0 | 1.66 | 0.0 | 2.0 |
| BP208P | 2.16 | 0.0 | 1.66 | 1.25 | 0.0 | 1.0 | 1.0 | 0.0 | 1.66 | 0.0 | 2.0 |
| BP209P | 2.66 | 0.0 | 1.66 | 1.25 | 0.0 | 1.0 | 1.25 | 0.0 | 1.66 | 0.0 | 2.0 |
| BP210P | 1.0 | 2.5 | 2.33 | 1.66 | 2.5 | 1.2 | 2.0 | 1.5 | 1.66 | 2.0 | 2.0 |
| BP301T | 2.33 | 2.33 | 2.5 | 2.0 | 2.0 | 2.33 | 2.33 | 2.5 | 2.0 | 3.0 | 3.0 |
| BP302T | 2.0 | 3.0 | 2.5 | 3.0 | 2.0 | 2.33 | 2.33 | 2.5 | 2.33 | 3.0 | 3.0 |
| BP303T | 1.83 | 1.66 | 1.5 | 1.66 | 3.0 | 1.0 | 2.0 | 1.0 | 1.8 | 0.0 | 2.0 |
| BP304T | 2.5 | 1.75 | 1.66 | 1.75 | 2.33 | 1.0 | 2.0 | 1.0 | 1.8 | 1.0 | 2.0 |
| BP305P | 2.0 | 1.33 | 1.66 | 2.0 | 1.0 | 0.0 | 2.0 | 0.0 | 1.8 | 1.0 | 2.0 |
| BP306P | 2.0 | 0.0 | 1.66 | 2.0 | 0.0 | 0.0 | 2.0 | 0.0 | 1.8 | 1.33 | 2.0 |
| BP307P | 2.0 | 0.0 | 1.5 | 2.0 | 0.0 | 1.0 | 2.0 | 0.0 | 1.8 | 1.16 | 2.0 |
| BP308P | 2.33 | 0.0 | 2.0 | 2.16 | 0.0 | 1.0 | 2.0 | 0.0 | 1.8 | 1.0 | 2.0 |
| BP401T | 1.83 | 1.75 | 2.0 | 1.66 | 3.0 | 1.0 | 2.0 | 0.0 | 1.75 | 0.0 | 2.0 |
| BP402T | 2.16 | 2.5 | 1.66 | 1.5 | 2.0 | 1.0 | 3.0 | 2.5 | 1.33 | 3.0 | 3.0 |
| BP403T | 2.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.75 | 0.0 | 2.0 |
| BP404T | 2.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.75 | 0.0 | 2.0 |
| BP405T | 2.33 | 1.0 | 0.0 | 2.2 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 0.0 | 2.0 |
| BP406P | 3.0 | 1.0 | 3.0 | 2.6 | 1.0 | 1.0 | 0.0 | 1.0 | 1.83 | 0.0 | 2.0 |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| | | | | | | | | | | | |
|---------|------|------|------|------|------|------|------|-----|------|------|------|
| BP407P | 3.0 | 1.33 | 2.8 | 2.6 | 2.0 | 1.75 | 1.0 | 2.0 | 2.5 | 1.0 | 2.0 |
| BP408P | 2.66 | 1.66 | 2.4 | 2.6 | 0.0 | 1.75 | 3.0 | 0.0 | 2.5 | 0.0 | 3.0 |
| BP409P | 2.33 | 1.66 | 2.4 | 2.2 | 1.33 | 1.75 | 3.0 | 1.5 | 2.5 | 2.0 | 3.0 |
| BP501T | 1.5 | 2.0 | 1.0 | 1.33 | 2.0 | 1.0 | 2.0 | 0.0 | 1.75 | 0.0 | 2.33 |
| BP502T | 1.66 | 2.33 | 2.0 | 1.66 | 2.66 | 1.0 | 2.0 | 2.0 | 1.66 | 0.0 | 2.33 |
| BP503T | 1.83 | 3.0 | 2.5 | 2.0 | 3.0 | 2.33 | 2.5 | 2.5 | 1.66 | 2.5 | 2.0 |
| BP504T | 2.5 | 2.5 | 2.0 | 1.66 | 2.66 | 1.66 | 2.0 | 2.0 | 1.66 | 1.0 | 2.33 |
| BP505T | 3.0 | 2.5 | 2.5 | 2.33 | 2.5 | 1.75 | 3.0 | 2.5 | 1.66 | 1.0 | 2.25 |
| BP506P | 2.66 | 2.25 | 2.0 | 2.33 | 2.5 | 1.75 | 3.0 | 0.0 | 1.66 | 0.0 | 2.0 |
| BP507P | 2.5 | 2.0 | 2.0 | 1.0 | 2.5 | 1.75 | 2.0 | 1.0 | 1.5 | 0.0 | 2.0 |
| BP508P | 2.66 | 1.0 | 1.0 | 1.66 | 1.0 | 1.0 | 1.75 | 1.0 | 1.5 | 0.0 | 2.0 |
| BP601T | 2.5 | 2.33 | 2.0 | 1.33 | 3.0 | 1.66 | 2.0 | 0.0 | 1.33 | 0.0 | 1.66 |
| BP602T | 2.0 | 2.0 | 2.0 | 2.33 | 1.5 | 1.33 | 2.0 | 0.0 | 1.75 | 0.0 | 1.33 |
| BP603T | 1.83 | 2.0 | 2.5 | 2.0 | 2.5 | 2.33 | 2.0 | 3.0 | 2.0 | 3.0 | 3.0 |
| BP604T | 3.0 | 1.0 | 1.0 | 2.2 | 2.5 | 2.5 | 2.0 | 0.0 | 2.0 | 0.0 | 3.0 |
| BP605T | 2.66 | 1.5 | 0.66 | 1.8 | 2.5 | 2.5 | 2.0 | 1.0 | 2.0 | 0.0 | 2.5 |
| BP606T | 3.0 | 1.5 | 1.33 | 1.4 | 2.5 | 1.5 | 2.0 | 0.0 | 1.33 | 0.0 | 2.5 |
| BP607P | 2.66 | 1.0 | 1.0 | 1.4 | 0.0 | 1.75 | 2.0 | 0.0 | 1.33 | 0.0 | 2.0 |
| BP608P | 2.33 | 0.0 | 1.66 | 1.6 | 0.0 | 1.5 | 0.0 | 0.0 | 1.33 | 0.0 | 1.66 |
| BP609P | 2.33 | 1.0 | 2.0 | 1.66 | 1.0 | 1.5 | 0.0 | 0.0 | 1.0 | 2.25 | 1.66 |
| BP701T | 2.0 | 2.0 | 3.0 | 2.33 | 2.5 | 1.0 | 2.5 | 2.0 | 1.33 | 2.0 | 2.0 |
| BP702T | 1.83 | 1.66 | 2.5 | 2.0 | 2.5 | 1.0 | 2.0 | 1.0 | 1.66 | 1.0 | 1.66 |
| BP703T | 1.83 | 0.0 | 2.5 | 1.66 | 2.5 | 1.33 | 1.5 | 1.0 | 1.66 | 1.0 | 1.66 |
| BP704T | 2.33 | 1.0 | 2.5 | 2.66 | 1.0 | 2.0 | 1.5 | 1.0 | 1.66 | 1.0 | 2.33 |
| BP705P | 2.5 | 1.0 | 2.0 | 2.16 | 0.0 | 2.0 | 1.5 | 0.0 | 1.66 | 0.0 | 2.33 |
| BP706PS | 2.66 | 1.0 | 2.0 | 2.16 | 1.75 | 2.0 | 1.5 | 2.0 | 2.0 | 2.0 | 2.33 |
| BP801T | 1.5 | 1.66 | 0.0 | 2.0 | 3.0 | 1.0 | 2.0 | 0.0 | 1.66 | 0.0 | 2.0 |
| BP802T | 1.5 | 2.0 | 2.0 | 2.0 | 1.5 | 2.0 | 2.0 | 1.0 | 1.66 | 1.0 | 2.33 |
| BP804ET | 2.16 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.5 | 1.5 | 2.0 | 3.0 | 3.0 |
| BP806ET | 2.16 | 0.0 | 2.0 | 2.2 | 1.5 | 2.0 | 2.0 | 1.0 | 1.66 | 0.0 | 2.0 |
| BP812PW | 3.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 |

3.2 Attainment of Course Outcomes (40)

3.2.1 Describe the assessment processes used to gather the data upon which the evaluation of Course Outcome is based (10)

| |
|-----------------------------|
| Institute Marks (10) |
|-----------------------------|

(Examples of data collection processes may include, but are not limited to, specific exam/tutorial questions, assignments, laboratory tests, project evaluation, student portfolios (A portfolio is a collection of artifacts that demonstrate skills, personal characteristics, and accomplishments created by the student during study period), internally developed assessment exams, project presentations, oral exams, focus groups etc. It is expected that each theory subject taught should impart specific knowledge and make a foundation for a set of Basic Concepts related to it. Similarly the laboratory experiments should have some predetermined and predefined skills which can be developed during the study)

Assessment processes used for the evaluation of Course Outcome

List of assessment tools & processes

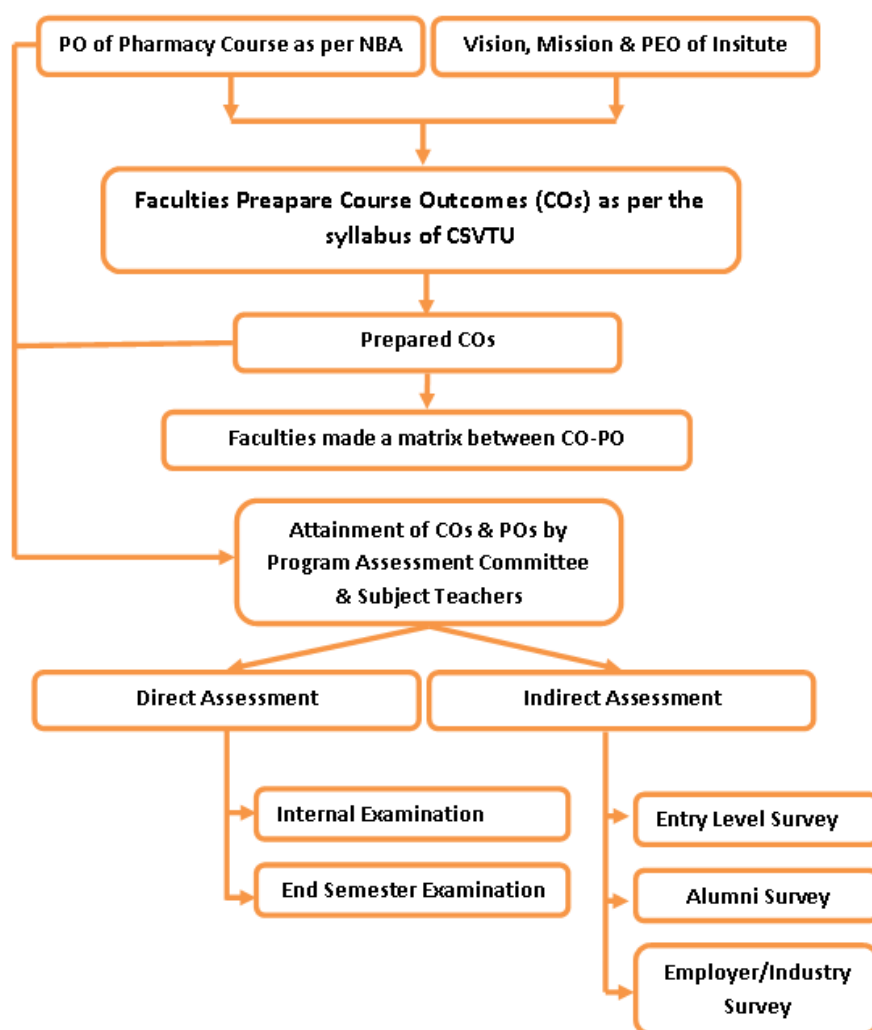


Fig : Process of Developing, Implementing and Assessing COs

The quality /relevance of assessment processes & tools used**Assessment Tool Used****➤ Direct Assessment Tools****1. Academic Assessment**

- (i) Assignment
- (ii) Class Test
- (iii) Internal Laboratory Exams/ Viva Voce
- (iv) Tutorial
- (v) Sessional Examination -
- (vi) End Semester Examination

2. Teaching Assessment

- (i) Remedial Measurement
- (ii) Result Analysis
- (iii) Extra classes for backlog papers of the students

➤ Indirect Assessment Tools

- (i) Entry Level Survey
- (ii) Alumni Survey
- (iii) Employer/Industry Survey

Academic Assessment

- (i) **Assignment**-The assignment is a qualitative performance assessment tool designed to assess students' knowledge of pharmacy practices, framework, and problem solving. An analytic rubric was developed to assess students' knowledge with respect to the learning outcomes associated with the scenario tool.
- (ii) **Class Test** – This type of performance assessment is carried out during the Sessions

which are held twice in a month to focus the taught topics of the subjects for preparation of semester exams.

- (iii) **Internal Laboratory Exams** – This evaluation system emphasize to problem solving experiments and also improved viva voce & laboratory skills.
- (iv) **Tutorials** – This type of teaching process is carried out once in a week per subjects to improve the students who are not performing continuously in the classes as well as to provide free atmosphere for asking questions and solution giving.
- (v) **Sessional Examination** - This type of performance assessment is carried out during the sessional sessions which are held twice a semester. Each and every sessional is focused in attaining the course outcomes.
- (vi) **End Semester Examination** - Semester End examination is a metric for assessing whether all the POs are attained or not. Examination is more focused on attainment of course outcomes and program outcomes using a descriptive exam.

Teaching Assessment

- (i) **Remedial Measurement** – Remedial measurement is done for improving the solution making practices.
- (ii) **Result Analysis** – Result analysis is done for assessment of each subjects theory and practical for sake of real measurement parameter of individual students.
- (iii) **Extra classes for backlog papers of the students** - This type of process is conducted to provide extra class facility for the improvement of backlog subjects of students weak in academics.

Indirect Assessment Tools

- (i) **Survey reports**-Indirect assessment strategies may be easily implemented by embedding them in the end-of-course evaluation form, Alumni Survey and

Employer Survey.

1. **Entry Level Survey:** during the program.
2. **Alumni Survey:** after one year of graduation.
3. **Industry/Employer Survey:** Once in 3years.

Analysis of University End Semester Exam (Theory)

| | |
|------------------------|---------------------|
| Result Analysis | Year : III |
| | Semester : V |

Analysis of University End Semester Exam (Theory)

| No. of Students appeared in the examination | No. of students scoring more than 60% of marks | Percentage of students scoring more than 60% of marks | Attainment Level (Max 3.0) | As per NBA 80% value of University End Semester Exam |
|---------------------------------------------|------------------------------------------------|-------------------------------------------------------|----------------------------|------------------------------------------------------|
| | | | | |

Analysis of Internal Exam (Theory)

| No. of Students appeared in the examination | No. of students scoring more than 60% of marks | Percentage of students scoring more than 60% of marks | Attainment Level (Max 3.0) | As per NBA 20% value of Internal Level |
|---------------------------------------------|------------------------------------------------|-------------------------------------------------------|----------------------------|----------------------------------------|
| | | | | |

Analysis of University End Semester Exam (Practical)

| No. of Students appeared in the examination | No. of students scoring more than 60% of marks | Percentage of students scoring more than 60% of marks | Attainment Level (Max 3.0) | As per NBA 80% value of University Level |
|---------------------------------------------|------------------------------------------------|-------------------------------------------------------|----------------------------|------------------------------------------|
| | | | | |

Analysis of Internal Marks (Practical)

| No. of Students appeared in the examination | No. of students scoring more than 65% of marks | Percentage of students scoring more than 65% of marks | Attainment Level (Max 3.0) | As per NBA, 20% value of Internal Level |
|---------------------------------------------|------------------------------------------------|-------------------------------------------------------|----------------------------|-----------------------------------------|
| | | | | |

Thus the Attainment of Course Outcome are as follows-

% Attainment = Achieved/Target

Achieved = (Value 80% of University Exam + Value 20% of Internal Exam of Theory)
+ (Value 80% of University Exam + Value 20% of Internal Level of Practical)

Achieved =

For Max Scale 3.0 =



COLUMBIA INSTITUTE OF PHARMACY

(Affiliated to CSVTU, Bilal)

Approved by AICTE (New Delhi)

Near Vidhansabha, Village – Tekari, Raipur (C.G.) Website – www.columbiaiop.ac.in
Ph.No. – 07721-266302/303, 0771-6456853 E-mail – cipraipur@gmail.com

Alumni Survey

The purpose of this survey is to obtain your input on the quality of the Pharmacy Program at CIP and to assess if the academic Program Objectives/Outcomes are met. We seek your help in completing the survey. Your response is the key part of our continuous improvement process and is critical to our NBA accreditation endeavor.

Organization Information-

Name:

Occupation: Student (), Self Business (), Govt. Service (), Industrialist ()

Name of the Organization:

Designation:

Number of CIP graduates in your organization:

Year of Graduation:

Pharmacy Program Objectives/Outcomes:

Your experiences please rate the degree to which CIP prepared you as graduates to achieve the indicated Program Objectives/Outcomes.

Please tick (✓) in the appropriate box for your degree of satisfaction.

1. Average 2. Good 3. Excellent

| S. No. | Program objectives/ outcomes prepared for | Average 1 | Good 2 | Excellent 3 |
|--------|-------------------------------------------|-----------|--------|-------------|
| 1 | Pharmacy Knowledge | | | |
| 2 | Planning Ability | | | |
| 3 | Problem Analysis | | | |
| 4 | Modern Tool Usage | | | |
| 5 | Leadership Skill | | | |
| 6 | Professional Identity | | | |
| 7 | Pharmaceutical Ethics | | | |
| 8 | Communication | | | |
| 9 | The Pharmacist and Society | | | |
| 10 | Environment and Sustainability | | | |
| 11 | Life-long learning | | | |

Others –

- What is your general impression of the Bachelor's degree program in Pharmacy of CIP?
Excellent () Good () Average () Fair ()
- Are you able to develop a broad appreciation for Pharmacy and science both as a discipline and as a tool for solving real world problems?
Yes () Better () No ()
- How well are you participating in any social welfare activities?
Excellent () Good () Average () Fair ()

Signature



COLUMBIA INSTITUTE OF PHARMACY

(Affiliated to CSVTU, Bilai)

Approved by AICTE & PCI (New Delhi)

Near Vidhansabha, Village – Tekari, Raipur (C.G.) Website – www.columbiaiop.ac.in
Ph.No. – 07721-266302/303, 0771-6456353 E-mail – cipraipur@gmail.com

Employer/Industry Survey

The purpose of this survey is to obtain employers input on the quality of the B. Pharmacy graduate at CIP and to assess if the academic Program Objectives/Outcomes are met. We seek your help in completing the survey. Your response is a key part of our continuous improvement process and is critical to our NBA accreditation endeavor.

Organization Information-

Employer's Name:

Name of the Organization:

Designation:

Organization size (No. of employees):

Number of CIP graduates in your organization:

Year of Graduation:.....

Pharmacy Program Objectives/Outcomes:

From your experience with recent graduates of Pharmacy Program at CIP, please rate the degree to which these graduates achieved the indicated B. Pharm. program Objectives/ Outcomes. The Pharmacy program objectives are expected to be normally achieved within the period of few years after graduation. Please use the indicated scale to provide your opinion.

Please tick (✓) in the appropriate box for you degree of satisfaction.

1. Poor 2. Average 3. Good 4. Excellent



| S. No. | Program objectives/ outcomes prepared for | Poor 1 | Average 2 | Good 3 | Excellent 4 |
|--------|-------------------------------------------|--------|-----------|--------|-------------|
| 1 | Pharmacy Knowledge | | | | |
| 2 | Planning Ability | | | | |
| 3 | Problem Analysis | | | | |
| 4 | Modern Tool Usage | | | | |
| 5 | Leadership Skill | | | | |
| 6 | Professional Identity | | | | |
| 7 | Pharmaceutical Ethics | | | | |
| 8 | Communication | | | | |
| 9 | The Pharmacist and Society | | | | |
| 10 | Environment and Sustainability | | | | |
| 11 | Life-long learning | | | | |

Date:

Signature



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Website – www.columbiaiop.ac.in
E-mail – cipraipur@gmail.com

ENTRY LEVEL SURVEY

| | | | |
|-------------------|--|------------|--|
| Name | | | |
| Father's Name | | | |
| Date of Birth | | | |
| Admission Year | | Branch | |
| Permanent Address | | | |
| Contact No. | | Mobile No. | |
| E-mail ID | | | |

Note: Answer the following questions by fill the information on the dotted lines:

- What is your educational background?
A. CG Board – 12th standard B. CBSE – 12th standard
C. Diploma D. In case of other, please specify
.....
- What is the % of marks in your CG Board / CBSE – 12th Standard / Diploma / Others
.....
- What is your PPHT Rank?
.....

B. Pharm. Program objectives / Outcomes:

Please rate the extent to which the Objectives / Outcome of your respective Pharmacy program helped you in developing the following knowledge, abilities and skills.

Please insert “✓” in the appropriate Box for your degree of satisfaction.

1*- Excellent 2*- Good 3*- Average 4*- Poor

| Sl. No. | Program Objectives / Outcomes prepared me for | 1* | 2* | 3* |
|---------|-----------------------------------------------|----|----|----|
| 1. | Pharmacy knowledge | | | |
| 2. | Planning abilities | | | |
| 3. | Problem analysis | | | |
| 4. | Modern tool usage | | | |
| 5. | Leadership skills | | | |
| 6. | Professional Identity | | | |
| 7. | Pharmaceutical Ethics | | | |
| 8. | Communication | | | |
| 9. | The Pharmacist And Society | | | |
| 10. | Environment and Sustainability | | | |
| 11. | Life-long learning | | | |

Sign

3.2.2 Record the attainment of Course Outcomes of all courses with respect to set attainment levels (30)

| |
|----------------------|
| Institute Marks (25) |
|----------------------|

Attainment levels Vs. targets for Continuous Internal Assessment

Attainment Level 1: 60-70% students scoring more than 65% marks out of the relevant maximum marks is considered to be attainment of “1”

Attainment Level 2: 70.1-80% students scoring more than 65% marks out of the relevant maximum marks is considered to be attainment of “2”

Attainment Level 3: 80.1% and more students scoring more than 65% marks out of the relevant maximum marks is considered to be attainment of “3”

Attainment levels Vs. targets for End Semester Examination

Attainment Level 1: 60% students scoring more than University average percentage marks or 65% set attainment level in the final examination is considered to be attainment of “1”

Attainment Level 2: 70% students scoring more than University average percentage marks or 65% set attainment level in the final examination is considered to be attainment of “2”

Attainment Level 3: 80% students scoring more than University average percentage marks or 65% set attainment level in the final examination is considered to be attainment of “3”

Weightage: 75% weightage to University examination and 25% weightage to internal assessment, the attainment calculations.

| 2023-24 | | | | | | |
|--------------|--------------------------------------------|---------------|------|---------------|------|---------------|
| Subject Code | Subject | Internal Exam | | External Exam | | CO Attainment |
| BP101T | Human Anatomy and Physiology I– Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP102T | Pharmaceutical Analysis I – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP103T | Pharmaceutics I – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP104T | Pharmaceutical Inorganic Chemistry –Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP105T | Communication skills – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP106RBT | Remedial Biology/Remedial | 3 | 0.75 | 3 | 2.25 | 3 |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| | | | | | | |
|-----------------|------------------------------------------------|---|------|---|------|------|
| | Mathematics | | | | | |
| BP107P | Human Anatomy and Physiology – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP108P | Pharmaceutical Analysis – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP109P | Pharmaceutics I – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP110P | Pharmaceutical Inorganic Chemistry – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP111P | Communication skills – Practical* | 3 | 0.75 | 3 | 2.25 | 3 |
| BP112RBP | Remedial Biology – Practical* | 3 | 0.75 | 3 | 2.25 | 3 |
| BP201T | Human Anatomy and Physiology II – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP202T | Pharmaceutical Organic Chemistry I –Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP203T | Biochemistry – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP204T | Pathophysiology – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP205T | Computer Applications in Pharmacy –Theory * | 3 | 0.75 | 3 | 2.25 | 3 |
| BP206T | Environmental sciences – Theory * | 3 | 0.75 | 3 | 2.25 | 3 |
| BP207P | Human Anatomy and Physiology II – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP208P | Pharmaceutical Organic Chemistry I–Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP209P | Biochemistry – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP210P | Computer Applications in Pharmacy – Practical* | 3 | 0.75 | 3 | 2.25 | 3 |
| BP301T | Pharmaceutical Organic Chemistry II –Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP302T | Physical Pharmaceutics I – Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP303T | Pharmaceutical Microbiology – | 3 | 0.75 | 2 | 1.5 | 2.25 |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| | | | | | | |
|---------------|-------------------------------------------------|---|------|---|------|------|
| | Theory | | | | | |
| BP304T | Pharmaceutical Engineering – Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP305P | Pharmaceutical Organic Chemistry II – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP306P | Physical Pharmaceutics I – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP307P | Pharmaceutical Microbiology – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP308P | Pharmaceutical Engineering – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP401T | Pharmaceutical Organic Chemistry III–Theory | 1 | 0.25 | 3 | 2.25 | 2.5 |
| BP402T | Medicinal Chemistry I – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP403T | Physical Pharmaceutics II – Theory | 1 | 0.25 | 3 | 2.25 | 2.5 |
| BP404T | Pharmacology I – Theory | 1 | 0.25 | 3 | 2.25 | 2.5 |
| BP405T | Pharmacognosy I – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP406P | Medicinal Chemistry I – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP407P | Physical Pharmaceutics II – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP408P | Pharmacology I – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP409P | Pharmacognosy I – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP501T | Medicinal Chemistry II – Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP502T | Formulative Pharmacy– Theory | 2 | 0.5 | 1 | 0.75 | 1.25 |
| BP503T | Pharmacology II – Theory | 1 | 0.25 | 1 | 0.75 | 1 |
| BP504T | Pharmacognosy II – Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP505T | Pharmaceutical Jurisprudence – Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP506P | Formulative | 3 | 0.75 | 3 | 2.25 | 3 |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| | | | | | | |
|-----------------|------------------------------------------------|---|------|---|------|------|
| | Pharmacy – Practical | | | | | |
| BP507P | Pharmacology II – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP508P | Pharmacognosy II – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP601T | Medicinal Chemistry III – Theory | 3 | 0.75 | 2 | 1.5 | 2.25 |
| BP602T | Pharmacology III – Theory | 1 | 0.25 | 1 | 0.75 | 1 |
| BP603T | Herbal Drug Technology – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP604T | Biopharmaceutics and Pharmacokinetics– Theory | 3 | 0.75 | 2 | 1.5 | 2.25 |
| BP605T | Pharmaceutical Biotechnology– Theory | 3 | 0.75 | 2 | 1.5 | 2.25 |
| BP606T | Quality Assurance– Theory | 2 | 0.5 | 1 | 0.75 | 1.25 |
| BP607P | Medicinal chemistry III – Practical | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP608P | Pharmacology III – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP609P | Herbal Drug Technology – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP701T | Instrumental Methods of Analysis –Theory | 2 | 0.5 | 1 | 0.75 | 1.25 |
| BP702T | Industrial Pharmacy – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP703T | Pharmacy Practice – Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP704T | Novel Drug Delivery System – Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP705 P | Instrumental Methods of Analysis –Practical | 2 | 0.5 | 3 | 2.25 | 2.75 |
| BP706 PS | Practice School* | 3 | 0.75 | 3 | 2.25 | 3 |
| BP801T | Biostatistics and Research Methodology– Theory | 2 | 0.5 | 2 | 1.5 | 2 |
| BP802T | Social and Preventive Pharmacy –Theory | 3 | 0.75 | 3 | 2.25 | 3 |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| | | | | | | |
|----------------|----------------------------------------------------------|---|------|---|------|-----|
| BP804ET | Pharmaceutical Regulatory Science –Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP806ET | Quality Control and Standardizations of Herbals – Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| P812PW | Project Work | 3 | 0.75 | 3 | 2.25 | 3 |

| 2022-23 | | | | | | |
|-----------------|------------------------------------------------|---------------|------|---------------|------|---------------|
| Subject Code | Subject | Internal Exam | | External Exam | | CO Attainment |
| | | | | | | |
| BP101T | Human Anatomy and Physiology I – Theory | 1 | 0.25 | 1 | 0.75 | 1 |
| BP102T | Pharmaceutical Analysis I – Theory | 1 | 0.25 | 1 | 0.75 | 1 |
| BP103T | Pharmaceutics I – Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP104T | Pharmaceutical Inorganic Chemistry – Theory | 1 | 0.25 | 1 | 0.75 | 1 |
| BP105T | Communication skills – Theory | 2 | 0.5 | 1 | 0.75 | 1.25 |
| BP106RBT | Remedial Biology/Remedial Mathematics | 2 | 0.5 | 2 | 1.5 | 2 |
| BP107P | Human Anatomy and Physiology – Practical | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP108P | Pharmaceutical Analysis – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP109P | Pharmaceutics I – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP110P | Pharmaceutical Inorganic Chemistry – Practical | 2 | 0.5 | 1 | 0.75 | 1.25 |
| BP111P | Communication skills – Practical* | 3 | 0.75 | 3 | 2.25 | 3 |
| BP112RBP | Remedial Biology – Practical* | 3 | 0.75 | 3 | 2.25 | 3 |
| BP201T | Human Anatomy and Physiology II –Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP202T | Pharmaceutical | 3 | 0.75 | 1 | 0.75 | 1.5 |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| | | | | | | |
|---------------|---------------------------------------------------------|---|------|---|------|------|
| | Organic Chemistry
I –Theory | | | | | |
| BP203T | Biochemistry –
Theory | 3 | 0.75 | 2 | 1.5 | 2.25 |
| BP204T | Pathophysiology –
Theory | 3 | 0.75 | 2 | 1.5 | 2.25 |
| BP205T | Computer
Applications in
Pharmacy –Theory
* | 3 | 0.75 | 3 | 2.25 | 3 |
| BP206T | Environmental
sciences – Theory
* | 3 | 0.75 | 3 | 2.25 | 3 |
| BP207P | Human Anatomy
and Physiology II
–Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP208P | Pharmaceutical
Organic Chemistry
I–Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP209P | Biochemistry –
Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP210P | Computer
Applications in
Pharmacy –
Practical* | 3 | 0.75 | 3 | 2.25 | 3 |
| BP301T | Pharmaceutical
Organic Chemistry
II –Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP302T | Physical
Pharmaceutics I –
Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP303T | Pharmaceutical
Microbiology –
Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP304T | Pharmaceutical
Engineering –
Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP305P | Pharmaceutical
Organic Chemistry
II –Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP306P | Physical
Pharmaceutics I –
Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP307P | Pharmaceutical
Microbiology –
Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP308P | Pharmaceutical
Engineering –
Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP401T | Pharmaceutical
Organic Chemistry
III–Theory | 3 | 0.75 | 3 | 2.25 | 3 |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| | | | | | | |
|---------------|-----------------------------------------------|---|------|---|------|------|
| BP402T | Medicinal Chemistry I – Theory | 2 | 0.5 | 3 | 2.25 | 2.75 |
| BP403T | Physical Pharmaceutics II – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP404T | Pharmacology I – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP405T | Pharmacognosy I – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP406P | Medicinal Chemistry I – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP407P | Physical Pharmaceutics II – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP408P | Pharmacology I – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP409P | Pharmacognosy I – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP501T | Medicinal Chemistry II – Theory | 1 | 0.25 | 3 | 2.25 | 2.5 |
| BP502T | Formulative Pharmacy– Theory | 1 | 0.25 | 3 | 2.25 | 2.5 |
| BP503T | Pharmacology II – Theory | 1 | 0.25 | 3 | 2.25 | 2.5 |
| BP504T | Pharmacognosy II – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP505T | Pharmaceutical Jurisprudence – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP506P | Formulative Pharmacy – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP507P | Pharmacology II – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP508P | Pharmacognosy II – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP601T | Medicinal Chemistry III – Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP602T | Pharmacology III – Theory | 2 | 0.5 | 1 | 0.75 | 1.25 |
| BP603T | Herbal Drug Technology – Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP604T | Biopharmaceutics and Pharmacokinetics– Theory | 2 | 0.5 | 1 | 0.75 | 1.25 |
| BP605T | Pharmaceutical | 3 | 0.75 | 1 | 0.75 | 1.5 |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| | | | | | | |
|-----------------|---------------------------------------------------------------|---|------|---|------|------|
| | Biotechnology–
Theory | | | | | |
| BP606T | Quality Assurance–
Theory | 3 | 0.75 | 2 | 1.5 | 2.25 |
| BP607P | Medicinal chemistry III –
Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP608P | Pharmacology III –
Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP609P | Herbal Drug Technology –
Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP701T | Instrumental Methods of
Analysis –Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP702T | Industrial Pharmacy –
Theory | 1 | 0.25 | 1 | 0.75 | 1 |
| BP703T | Pharmacy Practice –
Theory | 2 | 0.5 | 2 | 1.5 | 2 |
| BP704T | Novel Drug Delivery System –
Theory | 3 | 0.75 | 2 | 1.5 | 2.25 |
| BP705 P | Instrumental Methods of
Analysis –Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP706 PS | Practice School* | 3 | 0.75 | 3 | 2.25 | 3 |
| BP801T | Biostatistics and Research
Methodology–
Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP802T | Social and Preventive
Pharmacy –Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP804ET | Pharmaceutical Regulatory
Science –Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP806ET | Quality Control and
Standardizations ofHerbals –
Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| P812PW | Project Work | 3 | 0.75 | 3 | 2.25 | 3 |

| 2021-22 | | | | | | |
|--------------|---------|---------------|-----------|---------------|-----------|---------------|
| Subject Code | Subject | Internal Exam | | External Exam | | CO Attainment |
| | | Attainment | Weightage | Attainment | Weightage | |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| | | | | | | |
|-----------------|------------------------------------------------|---|------|---|------|------|
| BP101T | Human Anatomy and Physiology I– Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP102T | Pharmaceutical Analysis I – Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP103T | Pharmaceutics I – Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP104T | Pharmaceutical Inorganic Chemistry – Theory | 2 | 0.5 | 1 | 0.75 | 1.25 |
| BP105T | Communication skills – Theory | 3 | 0.75 | 2 | 1.5 | 2.25 |
| BP106RBT | Remedial Biology/Remedial Mathematics | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP107P | Human Anatomy and Physiology – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP108P | Pharmaceutical Analysis – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP109P | Pharmaceutics I – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP110P | Pharmaceutical Inorganic Chemistry – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP111P | Communication skills – Practical* | 1 | 0.25 | 3 | 2.25 | 2.5 |
| BP112RBP | Remedial Biology – Practical* | 3 | 0.75 | 3 | 2.25 | 3 |
| BP201T | Human Anatomy and Physiology II –Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP202T | Pharmaceutical Organic Chemistry I –Theory | 2 | 0.5 | 1 | 0.75 | 1.25 |
| BP203T | Biochemistry – Theory | 1 | 0.25 | 1 | 0.75 | 1 |
| BP204T | Pathophysiology – Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP205T | Computer Applications in Pharmacy –Theory * | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP206T | Environmental sciences – Theory * | 3 | 0.75 | 2 | 1.5 | 2.25 |
| BP207P | Human Anatomy and Physiology II | 3 | 0.75 | 3 | 2.25 | 3 |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| | | | | | | |
|---------------|------------------------------------------------|---|------|---|------|------|
| | –Practical | | | | | |
| BP208P | Pharmaceutical Organic Chemistry I–Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP209P | Biochemistry – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP210P | Computer Applications in Pharmacy – Practical* | 3 | 0.75 | 3 | 2.25 | 3 |
| BP301T | Pharmaceutical Organic Chemistry II –Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP302T | Physical Pharmaceutics I – Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP303T | Pharmaceutical Microbiology – Theory | 2 | 0.5 | 1 | 0.75 | 1.25 |
| BP304T | Pharmaceutical Engineering – Theory | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP305P | Pharmaceutical Organic Chemistry II –Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP306P | Physical Pharmaceutics I – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP307P | Pharmaceutical Microbiology – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP308P | Pharmaceutical Engineering – Practical | 3 | 0.75 | 1 | 0.75 | 1.5 |
| BP401T | Pharmaceutical Organic Chemistry III–Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP402T | Medicinal Chemistry I – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP403T | Physical Pharmaceutics II – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP404T | Pharmacology I – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP405T | Pharmacognosy I – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP406P | Medicinal Chemistry I – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP407P | Physical Pharmaceutics II – | 3 | 0.75 | 3 | 2.25 | 3 |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| | | | | | | |
|---------------|-----------------------------------------------|---|------|---|------|---|
| | Practical | | | | | |
| BP408P | Pharmacology I – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP409P | Pharmacognosy I – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP501T | Medicinal Chemistry II – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP502T | Formulative Pharmacy– Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP503T | Pharmacology II – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP504T | Pharmacognosy II – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP505T | Pharmaceutical Jurisprudence – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP506P | Formulative Pharmacy – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP507P | Pharmacology II – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP508P | Pharmacognosy II – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP601T | Medicinal Chemistry III – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP602T | Pharmacology III – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP603T | Herbal Drug Technology – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP604T | Biopharmaceutics and Pharmacokinetics– Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP605T | Pharmaceutical Biotechnology– Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP606T | Quality Assurance– Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP607P | Medicinal chemistry III – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP608P | Pharmacology III – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP609P | Herbal Drug Technology – Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP701T | Instrumental Methods of | 3 | 0.75 | 3 | 2.25 | 3 |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| | | | | | | |
|-----------------|---------------------------------------------------------|---|------|---|------|---|
| | Analysis –Theory | | | | | |
| BP702T | Industrial Pharmacy – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP703T | Pharmacy Practice – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP704T | Novel Drug Delivery System – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP705 P | Instrumental Methods of Analysis –Practical | 3 | 0.75 | 3 | 2.25 | 3 |
| BP706 PS | Practice School* | 3 | 0.75 | 3 | 2.25 | 3 |
| BP801T | Biostatistics and Research Methodology– Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP802T | Social and Preventive Pharmacy –Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP804ET | Pharmaceutical Regulatory Science –Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| BP806ET | Quality Control and Standardizations ofHerbals – Theory | 3 | 0.75 | 3 | 2.25 | 3 |
| P812PW | Project Work | 3 | 0.75 | 3 | 2.25 | 3 |

3.3 Attainment of Program Outcomes (40)**3.3.1 Describe assessment tools and processes used for assessing the attainment of each PO (10)**

| |
|-----------------------------|
| Institute Marks (10) |
|-----------------------------|

(Describe the assessment tools and processes used to gather the data upon which the evaluation of each the Program Outcome is based indicating the frequency with which these processes are carried out. Describe the assessment processes that demonstrate the degree to which the Program Outcomes are attained and document the attainment levels)

The assessment tools and processes to gather data was mentioned in 3.2.1 and 3.2.2. The course outcomes are mapped for each program outcome. The attainment of course translated into program outcomes based on the CO-PO Matrixes and course–PO Matrixes.

The following are the assessment tools

Assessment Tool Used**➤ Direct Assessment Tools****1. Academic Assessment**

- (i) Assignment
- (ii) Class Test
- (iii) Internal Laboratory Exams/ Viva Voce
- (iv) Tutorial
- (v) Sessional Examination -
- (vi) End Semester Examination

2. Teaching Assessment

- (i) Remedial Measurement
- (ii) Result Analysis
- (iii) Extra classes for backlog papers of the students

➤ Indirect Assessment Tools

- (i) Entry Level Survey
- (ii) Graduate/Exit Survey

- (iii) Alumni Survey

Academic Assessment

- (i) **Assignment**-The assignment is a qualitative performance assessment tool designed to assess students' knowledge of pharmacy practices, framework, and problem solving. An analytic rubric was developed to assess students' knowledge with respect to the learning outcomes associated with the scenario tool.
- (ii) **Class Test** – This type of performance assessment is carried out during the sessions which are held twice in a month to focus the taught topics of the subjects for preparation of semester exams.
- (iii) **Internal Laboratory Exams** – This evaluation system emphasize & problem solving experiments and also improves viva voce & laboratory skills.
- (iv) **Tutorials** – This type of teaching process is carried out once in a week for each subject to improve the students who are not performing continuously in the classes as well as to provide free atmosphere for asking questions and providing solutions.
- (v) **Sessional Examination** - This type of performance assessment is carried out during the sessional sessions which are held twice a semester. Each and every sessional is focused in attaining the course outcomes.
- (vi) **End Semester Examination** - End Semester examination is a metric for assessing whether all the POs are attained or not. Examination is more focused on attainment of course outcomes and program outcomes using a descriptive exam.

Teaching Assessment

- (i) **Remedial Measurement** – Remedial measurement is done for improving the solution making practices.

- (ii) **Result Analysis** – Result analysis is done for assessment of each subjects theory and practical performance for each subject for sake of real measurement parameter of individual students.
- (iii) **Extra classes for backlog papers of the students** - This type of process is conducted to provide extra class facility for the improvement of backlog subjects of students weak in academics.

Indirect Assessment Tools

- (i) **Survey reports**-Indirect assessment strategies easily may be implemented by embedding them in the end-of-course evaluation form, Alumni Survey and Employer Survey.

1. **Entry Level Survey:** During the program (Initial)

2. **Alumni Survey:** after one year of graduation.

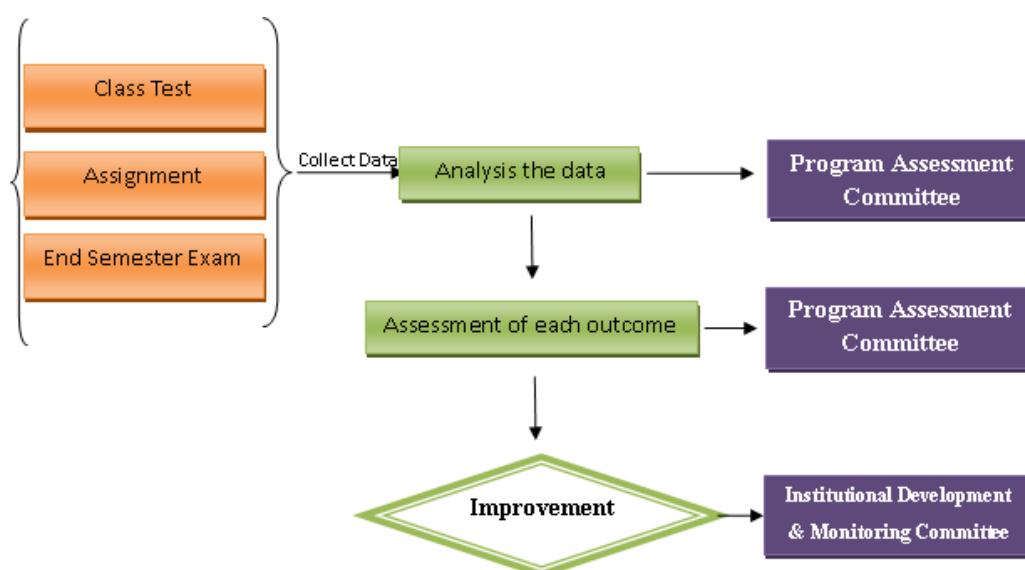


Figure : Program Outcome Assessment process



COLUMBIA INSTITUTE OF PHARMACY

(Affiliated to CSVTU, Raipur)

Approved by AICTE (New Delhi)

Near Vidhansabha, Village – Tekari, Raipur (C.G.) Website – www.columbiaiop.ac.in

Ph.No. – 07721-266302/303, 0771-6456853

E-mail – cipraipur@gmail.com

Alumni Survey

The purpose of this survey is to obtain your input on the quality of the Pharmacy Program at CIP and to assess if the academic Program Objectives/Outcomes are met. We seek your help in completing the survey. Your response is the key part of our continuous improvement process and is critical to our NBA accreditation endeavor.

Organization Information-

Name:

Occupation: Student (), Self Business (), Govt. Service (), Industrialist ()

Name of the Organization:

Designation:

Number of CIP graduates in your organization:

Year of Graduation:

Pharmacy Program Objectives/Outcomes:

Your experiences please rate the degree to which CIP prepared you as graduates to achieve the indicated Program Objectives/Outcomes.

Please tick (✓) in the appropriate box for your degree of satisfaction.


1. Average 2. Good 3. Excellent

| S. No. | Program objectives/ outcomes prepared for | Average 1 | Good 2 | Excellent 3 |
|--------|-------------------------------------------|-----------|--------|-------------|
| 1 | Pharmacy Knowledge | | | |
| 2 | Planning Ability | | | |
| 3 | Problem Analysis | | | |
| 4 | Modern Tool Usage | | | |
| 5 | Leadership Skill | | | |
| 6 | Professional Identity | | | |
| 7 | Pharmaceutical Ethics | | | |
| 8 | Communication | | | |
| 9 | The Pharmacist and Society | | | |
| 10 | Environment and Sustainability | | | |
| 11 | Life-long learning | | | |

Others –

- What is your general impression of the Bachelor's degree program in Pharmacy of CIP?
Excellent () Good () Average () Fair ()
- Are you able to develop a broad appreciation for Pharmacy and science both as a discipline and as a tool for solving real world problems?
Yes () Better () No ()
- How well are you participating in any social welfare activities?
Excellent () Good () Average () Fair ()

Signature



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Ph. No. – 07721-266302/303, 0771-6456853 E-mail – cipraipur@gmail.com

Employer/Industry Survey

The purpose of this survey is to obtain employers input on the quality of the B. Pharmacy graduate at CIP and to assess if the academic Program Objectives/Outcomes are met. We seek your help in completing the survey. Your response is a key part of our continuous improvement process and is critical to our NBA accreditation endeavor.

Organization Information-

Employer's Name:

Name of the Organization:

Designation:

Organization size (No. of employees):

Number of CIP graduates in your organization:

Year of Graduation:

Pharmacy Program Objectives/Outcomes:

From your experience with recent graduates of Pharmacy Program at CIP, please rate the degree to which these graduates achieved the indicated B. Pharm. program Objectives/ Outcomes. The Pharmacy program objectives are expected to be normally achieved within the period of few years after graduation. Please use the indicated scale to provide your opinion.

Please tick (✓) in the appropriate box for you degree of satisfaction.

1. Poor 2. Average 3. Good 4. Excellent

| S. No. | Program objectives/ outcomes prepared for | Poor 1 | Average 2 | Good 3 | Excellent 4 |
|--------|-------------------------------------------|--------|-----------|--------|-------------|
| 1 | Pharmacy Knowledge | | | | |
| 2 | Planning Ability | | | | |
| 3 | Problem Analysis | | | | |
| 4 | Modern Tool Usage | | | | |
| 5 | Leadership Skill | | | | |
| 6 | Professional Identity | | | | |
| 7 | Pharmaceutical Ethics | | | | |
| 8 | Communication | | | | |
| 9 | The Pharmacist and Society | | | | |
| 10 | Environment and Sustainability | | | | |
| 11 | Life-long learning | | | | |

Date:

Signature



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ENTRY LEVEL SURVEY

| | | | |
|-------------------|--|------------|--|
| Name | | | |
| Father's Name | | | |
| Date of Birth | | | |
| Admission Year | | Branch | |
| Permanent Address | | | |
| Contact No. | | Mobile No. | |
| E-mail ID | | | |

Note: Answer the following questions by fill the information on the dotted lines:

- What is your educational background?
A. CG Board – 12th standard B. CBSE – 12th standard
C. Diploma D. In case of other, please specify
.....
- What is the % of marks in your CG Board / CBSE – 12th Standard / Diploma / Others
.....
- What is your PPHT Rank?
.....

B. Pharm. Program objectives / Outcomes:

Please rate the extent to which the Objectives / Outcome of your respective Pharmacy program helped you in developing the following knowledge, abilities and skills.

Please insert "✓" in the appropriate Box for your degree of satisfaction.

1*- Excellent 2*- Good 3*- Average 4*- Poor

| Sl. No. | Program Objectives / Outcomes prepared me for | 1* | 2* | 3* |
|---------|-----------------------------------------------|----|----|----|
| 1. | Pharmacy knowledge | | | |
| 2. | Planning abilities | | | |
| 3. | Problem analysis | | | |
| 4. | Modern tool usage | | | |
| 5. | Leadership skills | | | |
| 6. | Professional Identity | | | |
| 7. | Pharmaceutical Ethics | | | |
| 8. | Communication | | | |
| 9. | The Pharmacist And Society | | | |
| 10. | Environment and Sustainability | | | |
| 11. | Life-long learning | | | |

Sign

3.3.2 Provide results of evaluation of each PO (30)

| |
|-----------------------------|
| Institute Marks (20) |
|-----------------------------|

Program shall set Program Outcome attainment levels for all POs.

(The attainment levels by direct (student performance) and indirect (surveys) are to be presented through Program level Course-PO matrix as indicated).

PO Attainment

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | P |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|---|
| BP106RBT | 3.0 | 2.7 | 2.7 | 2.7 | 0.9 | 2.7 | 2.7 | 2.7 | 2 |
| BP106RMT | 2.1 | 1.2 | 2.4 | 2.4 | 2.4 | 1.5 | 2.4 | 2.7 | 3 |
| BP107P | 2.5 | 2.4 | 2.7 | 2.7 | 2.7 | 2.4 | 2.7 | 2.7 | 2 |
| BP108P | 3.0 | 1.2 | 2.7 | 3.0 | 2.7 | 3.0 | 2.4 | 2.7 | 2 |
| BP109P | 2.7 | 2.7 | 2.7 | 2.7 | 0.6 | 2.7 | 2.4 | 2.7 | 3 |
| BP101 T | 2.7 | 3.0 | 2.1 | 3.0 | 2.7 | 3.0 | 2.4 | 3.0 | 2 |
| BP102T | 1.8 | 1.5 | 2.4 | 3.0 | 0.9 | 2.7 | 2.4 | 0.9 | 0 |
| BP103T | 2.4 | 3.0 | 3.0 | 2.7 | 1.8 | 3.0 | 2.4 | 2.7 | 3 |
| BP104T | 3.0 | 3.0 | 2.7 | 2.7 | 1.2 | 2.4 | 2.4 | 2.7 | 2 |
| BP105T | 2.4 | 2.4 | 2.7 | 0.6 | 0.9 | 2.7 | 2.7 | 3.0 | 2 |
| BP110P | 3.0 | 2.7 | 2.7 | 3.0 | 0.6 | 3.0 | 2.4 | 2.7 | 3 |
| BP111P | 3.0 | 3.0 | 2.7 | 0.3 | 2.4 | 2.4 | 2.4 | 2.7 | 2 |
| BP112RBP | 2.1 | 2.7 | 2.7 | 2.7 | 2.7 | 0.9 | 2.4 | 2.7 | 2 |
| BP201T | 2.7 | 2.4 | 2.7 | 3.0 | 2.4 | 3.0 | 1.2 | 3.0 | 3 |
| BP202T | 3.0 | 3.0 | 2.7 | 3.0 | 3.0 | 2.7 | 2.4 | 3.0 | 2 |
| BP203T | 3.0 | 2.4 | 2.7 | 2.7 | 2.7 | 2.7 | 2.4 | 2.7 | 3 |
| BP204T | 3.0 | 3.0 | 3.0 | 2.7 | 2.7 | 3.0 | 2.4 | 2.4 | 3 |
| BP205T | 2.1 | 3.0 | 2.7 | 1.8 | 1.2 | 2.4 | 2.7 | 2.7 | 2 |
| BP206T | 3.0 | 3.0 | 2.4 | 2.4 | 3.0 | 2.4 | 1.5 | 2.4 | 3 |
| BP207P | 3.0 | 1.2 | 2.7 | 3.0 | 2.4 | 0.6 | 2.4 | 2.4 | 2 |
| BP208P | 2.7 | 3.0 | 3.0 | 0.6 | 2.4 | 2.4 | 3.0 | 2.4 | 2 |
| BP209P | 3.0 | 2.4 | 2.7 | 3.0 | 1.8 | 2.7 | 3.0 | 2.7 | 3 |
| BP210P | 3.0 | 3.0 | 2.7 | 1.2 | 2.7 | 2.4 | 0.6 | 2.7 | 3 |
| BP301T | 3.0 | 2.4 | 3.0 | 1.8 | 2.7 | 3.0 | 2.7 | 1.8 | 3 |
| BP302T | 2.7 | 3.0 | 2.7 | 2.7 | 2.7 | 2.7 | 2.4 | 2.7 | 2 |
| BP303T | 3.0 | 2.7 | 1.2 | 3.0 | 3.0 | 2.7 | 3.0 | 2.7 | 3 |
| BP304T | 3.0 | 2.1 | 3.0 | 2.4 | 3.0 | 1.2 | 3.0 | 2.4 | 3 |
| BP305P | 3.0 | 3.0 | 2.4 | 3.0 | 3.0 | 3.0 | 2.4 | 2.4 | 2 |
| BP306P | 2.4 | 2.4 | 2.7 | 3.0 | 2.7 | 2.4 | 2.4 | 2.4 | 3 |
| BP307P | 3.0 | 3.0 | 2.7 | 3.0 | 1.8 | 2.4 | 2.4 | 1.5 | 3 |
| BP308P | 3.0 | 3.0 | 2.7 | 2.7 | 3.0 | 1.8 | 2.7 | 2.4 | 2 |
| BP401T | 3.0 | 3.0 | 3.0 | 3.0 | 2.7 | 2.7 | 3.0 | 3.0 | 3 |
| BP402T | 2.1 | 2.4 | 2.7 | 3.0 | 2.7 | 0.6 | 2.4 | 2.7 | 2 |
| BP403T | 3.0 | 2.1 | 3.0 | 2.7 | 2.7 | 2.4 | 3.0 | 2.4 | 3 |
| BP404T | 3.0 | 3.0 | 2.7 | 2.7 | 2.4 | 2.7 | 2.4 | 2.7 | 2 |
| BP405T | 2.7 | 2.4 | 2.7 | 3.0 | 3.0 | 2.4 | 1.8 | 2.7 | 3 |
| BP406P | 3.0 | 2.7 | 2.7 | 2.7 | 3.0 | 3.0 | 2.4 | 2.7 | 3 |
| BP407P | 3.0 | 2.7 | 1.2 | 2.7 | 1.8 | 2.7 | 2.4 | 2.7 | 2 |
| BP408P | 2.7 | 3.0 | 2.7 | 2.4 | 2.7 | 2.7 | 3.0 | 2.4 | 3 |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

| | | | | | | | | | |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|---|
| BP409P | 3.0 | 2.4 | 2.7 | 1.8 | 3.0 | 1.2 | 2.7 | 3.0 | 2 |
| BP501T | 2.7 | 0.9 | 2.7 | 3.0 | 3.0 | 3.0 | 3.0 | 2.7 | 0 |
| BP502T | 3.0 | 3.0 | 3.0 | 2.7 | 2.7 | 2.4 | 3.0 | 2.4 | 3 |
| BP503T | 3.0 | 3.0 | 2.7 | 2.7 | 2.4 | 2.4 | 2.4 | 2.7 | 2 |
| BP504T | 2.7 | 2.4 | 2.7 | 3.0 | 3.0 | 1.8 | 1.8 | 2.7 | 3 |
| BP505T | 3.0 | 2.7 | 2.7 | 2.7 | 3.0 | 2.7 | 2.4 | 2.7 | 2 |
| BP506P | 3.0 | 2.7 | 2.7 | 2.7 | 1.8 | 3.0 | 2.4 | 2.7 | 3 |
| BP507P | 2.7 | 3.0 | 2.7 | 2.4 | 2.7 | 3.0 | 3.0 | 2.4 | 2 |
| BP508P | 3.0 | 2.4 | 2.7 | 1.8 | 3.0 | 3.0 | 2.7 | 3.0 | 3 |
| BP601T | 3.0 | 2.1 | 3.0 | 2.7 | 2.7 | 3.0 | 3.0 | 2.4 | 3 |
| BP602T | 3.0 | 3.0 | 2.7 | 2.7 | 2.4 | 2.7 | 2.4 | 2.7 | 2 |
| BP603T | 2.7 | 2.4 | 2.7 | 3.0 | 3.0 | 3.0 | 1.8 | 2.7 | 3 |
| BP604T | 3.0 | 2.7 | 2.7 | 2.7 | 3.0 | 1.5 | 2.4 | 2.7 | 2 |
| BP605T | 3.0 | 2.7 | 2.7 | 2.7 | 1.8 | 3.0 | 2.4 | 2.7 | 3 |
| BP606T | 2.7 | 3.0 | 2.7 | 2.4 | 2.7 | 2.7 | 3.0 | 2.4 | 2 |
| BP607P | 3.0 | 2.4 | 3.0 | 1.8 | 3.0 | 2.1 | 2.7 | 3.0 | 3 |
| BP608P | 2.7 | 2.1 | 3.0 | 1.2 | 2.7 | 3.0 | 3.0 | 2.4 | 0 |
| BP609P | 3.0 | 3.0 | 2.7 | 2.7 | 2.4 | 1.5 | 2.4 | 2.7 | 2 |
| BP701T | 2.7 | 2.4 | 2.7 | 1.5 | 3.0 | 3.0 | 1.8 | 2.7 | 3 |
| BP702T | 3.0 | 2.7 | 1.5 | 2.7 | 1.5 | 2.5 | 1.8 | 2.7 | 0 |
| BP703T | 3.0 | 2.7 | 2.7 | 2.7 | 1.8 | 3.0 | 2.4 | 2.7 | 3 |
| BP704T | 2.7 | 1.2 | 2.7 | 2.4 | 2.7 | 2.1 | 3.0 | 2.4 | 3 |
| BP705P | 3.0 | 2.4 | 1.5 | 1.8 | 0.6 | 3.0 | 2.7 | 3.0 | 2 |
| BP706PS | 1.5 | 0.6 | 3.0 | 2.7 | 2.7 | 1.5 | 3.0 | 2.4 | 3 |
| BP801T | 3.0 | 1.5 | 2.7 | 2.7 | 2.4 | 3.0 | 2.4 | 2.7 | 2 |
| BP802T | 2.7 | 2.4 | 2.7 | 3.0 | 3.0 | 2.1 | 1.8 | 2.7 | 3 |
| BP804ET | 2.1 | 2.7 | 1.2 | 2.7 | 1.8 | 1.2 | 2.4 | 2.7 | 2 |
| BP806ET | 2.1 | 0.9 | 2.7 | 1.8 | 3.0 | 0.9 | 2.7 | 2.5 | 0 |
| BP812PW | 1.5 | 0.6 | 2.7 | 2.7 | 2.4 | 1.2 | 2.4 | 2.7 | 2 |

PO Attainment Level

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO |
|---------------------|------|------|------|------|------|------|------|------|----|
| Direct Attainment | 2.75 | 2.45 | 2.62 | 2.50 | 2.40 | 2.41 | 2.47 | 2.60 | 2 |
| InDirect Attainment | 2.75 | 2.08 | 1.97 | 2.01 | 2.98 | 1.87 | 1.97 | 1.78 | 1 |
| PO Attainment | 2.75 | 2.38 | 2.49 | 2.40 | 2.52 | 2.30 | 2.37 | 2.44 | 2 |

CRITERION 3: COURSE OUTCOMES (COs) AND PROGRAM OUTCOMES (POs)

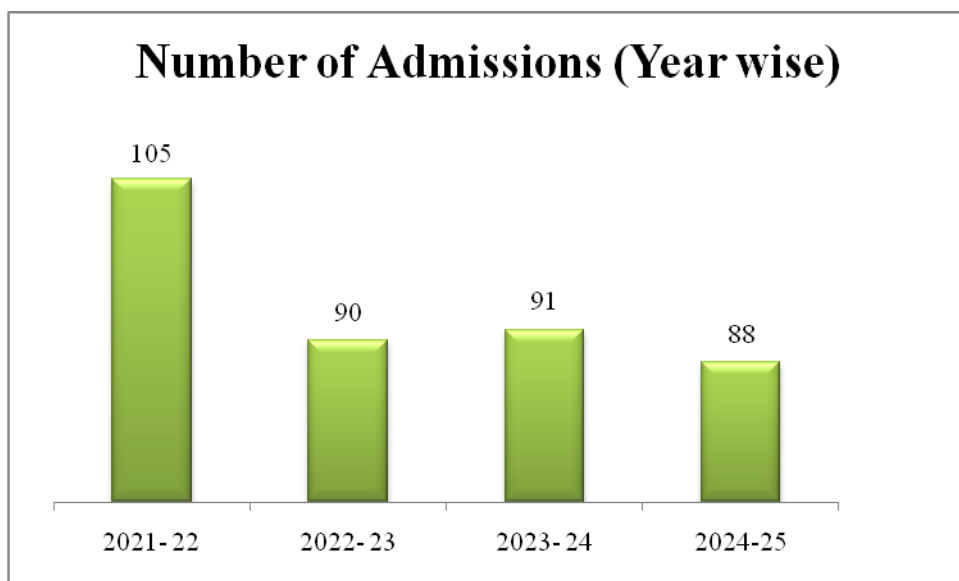
| Sl. No. | Assessment Parameters | Marks | |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|
| | | Prescribed | Institute |
| 3.1.1 | Course Outcomes (SAR should include course outcomes of one course from each semester of study, however, should be prepared for all courses) | 5 | 5 |
| 3.1.2 | CO-PO matrices of courses selected in 3.1.1 (four matrices to be mentioned; one per semester from 1 st to 8 th semester; atleast one per year) | 5 | 5 |
| 3.1.3 | Course-PO matrix of courses for all four years of study | 10 | 8.5 |
| 3.2.1 | Describe the assessment processes used to gather the data upon which the evaluation of Course Outcome is based | 10 | 10 |
| 3.2.2 | Record the attainment of Course Outcomes of all courses with respect to set attainment levels | 30 | 25 |
| 3.3.1 | Describe assessment tools and processes used for assessing the attainment of each PO | 10 | 10 |
| 3.3.2 | Provide results of evaluation of each PO | 30 | 20 |
| TOTAL | | 100 | 83.5 |
| Percentage | | | 83.5% |

CRITERION 4: STUDENTS' PERFORMANCE
4. Students' Performance (180)
Institute Marks (145.75)

| Item | CAY
(2024-
25) | CAY
m1
(2023-
24) | CAY
m2
(2022-
23) | CAY
m3
(2021-
22) | (2020-
21) | (2019-
20) | (2018-
19) |
|---------------------------------------------------------------------------------------------|----------------------|----------------------------|----------------------------|----------------------------|---------------|---------------|---------------|
| Sanctioned intake of the program (N) | 100 | 100 | 100 | 105 | 101 | 101 | 101 |
| Total number of students admitted in first year (N1) | 84 | 88 | 84 | 103 | 101 | 101 | 100 |
| Number of students admitted in 3 rd year in the same batch via lateral entry(N2) | 0 | 4 | 3 | 6 | 2 | 4 | 4 |
| Total number of students admitted in the Program (N1+N2) | 84 | 92 | 87 | 109 | 103 | 105 | 104 |

NOTE-

* : TFW (Tuition Fee Waiver Scheme) 5% of Sanctioned Intake as per AICTE



Graph 7 : Number of Students Admitted

4.1 Enrolment Ratio (20)

Institute Marks (20)

| YEAR | Sanctioned intake of the program (N) | Total number of students admitted in first year (N1) | Enrolment Ratio = $\frac{N1}{N}$ |
|---------|--------------------------------------|------------------------------------------------------|----------------------------------|
| 2024-25 | 100 | 84 | 84.00 |
| 2023-24 | 100 | 88 | 88.00 |
| 2022-23 | 100 | 84 | 84.00 |

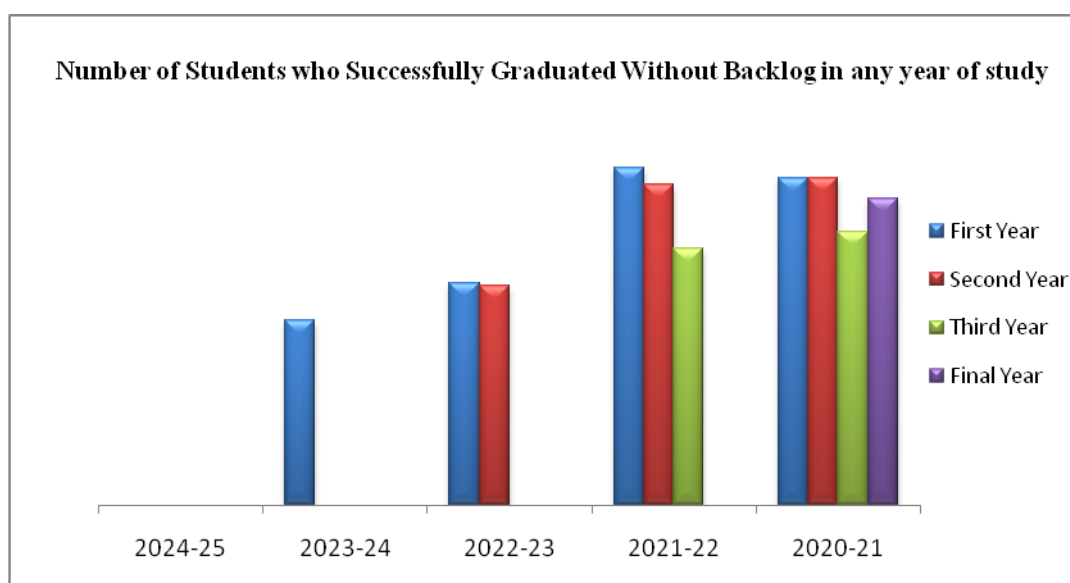
Average [(ER1 + ER2 + ER3) / 3] : 85.33

4.2 Success Rate in the stipulated period of the program (50)

| Year of entry | Number of Students admitted in 1 st year + admitted via lateral entry in 2 nd year (N1 + N2) | Number of Students who have Successfully graduated without backlogs in any year of study (Without backlog means no compartment/failure in any semester/year of study) | | | |
|-----------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------|
| | | I year | II year | III year | IV year |
| 2024-25 (CAY) | 84 | | | | |
| 2023-24 (CAYm1) | 92 | 54 | | | |

CRITERION 4: STUDENTS' PERFORMANCE

| | | | | | |
|----------------------------|-----|-----|----|----|----|
| 2022-23
(CAYm2) | 87 | 58 | 58 | | |
| 2021-22
(CAYm3) | 109 | 102 | 89 | 77 | |
| 2020-21 (LYG) | 103 | 96 | 96 | 93 | 91 |
| 2019-20
(LYGm1) | 105 | 60 | 60 | 60 | 60 |
| 2018-19
(LYGm2) | 104 | 70 | 70 | 70 | 70 |



Graph 8: Number of Students who successfully graduates without backlog in any year of study

| Year of entry | Number of Students admitted in 1 st year + admitted via lateral entry in 2 nd year (N1 + N2) | Number of Students Who have Successfully graduated | | | |
|----------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------|----------|---------|
| | | I year | II year | III year | IV year |
| 2024-25 (CAY) | 84 | | | | |
| 2023-24
(CAYm1) | 92 | 60 | | | |
| 2022-23
(CAYm2) | 87 | 66 | 65 | | |
| 2021-22
(CAYm3) | 109 | 102 | 89 | 79 | |
| 2020-21 (LYG) | 103 | 97 | 96 | 93 | 91 |

| | | | | | |
|----------------------------|-----|----|----|----|----|
| 2019-20
(LYGm1) | 105 | 98 | 97 | 96 | 92 |
| 2018-19
(LYGm2) | 104 | 70 | 73 | 73 | 73 |

4.2.1 Success rate without backlogs in any year of study (30)
Institute Marks (15.6)

SI = (Number of students who graduated from the program without backlog) / {(Number of students admitted in the first year of that batch) plus (lateral entry students admitted in second year of study)}

Average SI = Mean of success index (SI) for past three batches

Success rate without backlogs in any year of study = 30 × Average SI

| Item | Latest Year of Graduation (LYG)
(2020-21) | Latest Year of Graduated minus 1 (LYGm1)
(2019-20) | Latest Year of Graduation minus 2 (LYGm2)
(2018-19) |
|--------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------|--------------------------------------------------------|
| X Number of students admitted in the corresponding First Year+ admitted in 2nd year via lateral entry | 103.00 | 105.00 | 104.00 |
| Y Number of students who have graduated without backlogs in the stipulated period | 91.00 | 60.00 | 70.00 |
| Success Index
[SI = Y / X] | 0.88 | 0.57 | 0.67 |

$$\begin{aligned}
 \text{Average SI} &= \text{Mean of success index (SI) for past three batches} \\
 &= (0.88 + 0.57 + 0.67) / 3 \\
 &= 0.71
 \end{aligned}$$

$$\begin{aligned}
 \text{Success rate without backlogs in any year of study} &= 30 \times \text{Average SI} \\
 &= 30 \times 0.71 \\
 &= 21.3
 \end{aligned}$$

4.2.2 Success rate in stipulated period (20)
Institute Marks (16.4)

SI = (Number of students who graduated from the program in the stipulated period of course duration) / {(Number of students admitted in the first year of that batch) plus (lateral entry students admitted in second year of study)}

Average SI = Mean of success index (SI) for past three batches

Success rate = 20× Average SI

| Item | LYG
(2020-21) | LYGm1
(2019-20) | LYGm2 (2018-19) |
|--------------------------------------------------------------------------------------------------------------|------------------|--------------------|-----------------|
| X Number of students admitted in the corresponding First Year+ admitted in 2nd year via lateral entry | 103.00 | 105.00 | 104.00 |
| Y Number of students who have graduated in the stipulated period | 91.00 | 92.00 | 73.00 |
| Success Index
[SI = Y / X] | 0.88 | 0.88 | 0.70 |

Average SI = Mean of success index (SI) for past three batches

= (0.88+0.88+0.70)/3

= 0.82

**Success rate without backlogs in any year of study
SI = 20× Average**

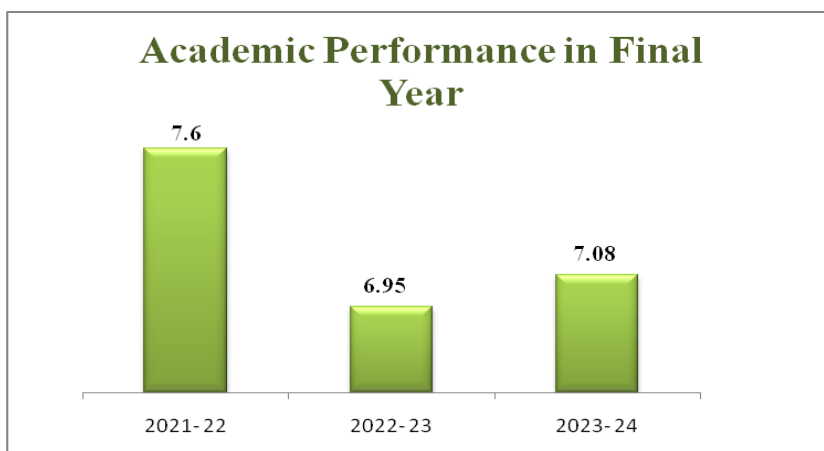
= 20 × 0.82

= 16.4

4.3 Academic Performance in Final Year (10)
Institute Marks (6.83)
Academic Performance = Average API

Academic Performance Index (API) = ((Mean of Final Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Final Year/10)) × (successful students/number of students appeared in the examination)

| Academic Performance | CAY m1
(2023-24) | CAY m2
(2022-23) | CAY m13
(2021-22) |
|-----------------------------------------------------------------------------------------------------------------|---------------------|---------------------|----------------------|
| Mean of CGPA or Percentage of all Successful Students (X) (X= Mean of Percentage of all successful students/10) | 7.4 | 7.82 | 7.7 |
| Total no. of Successful Students(Y) | 91.00 | 92.00 | 73.00 |
| Total no. Students appeared in the examination (Z) | 93.00 | 96.00 | 73.00 |
| API = X* (Y/Z) | 7.24 | 7.49 | 7.70 |

Average API [(AP1 + AP2 + AP3)/3] : 7.48
Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] : 7.48

Graph 10: Academic Performance in Final Year

4.4 Academic Performance in Third Year (10)
Institute Marks (6.85)

Academic Performance = Average API

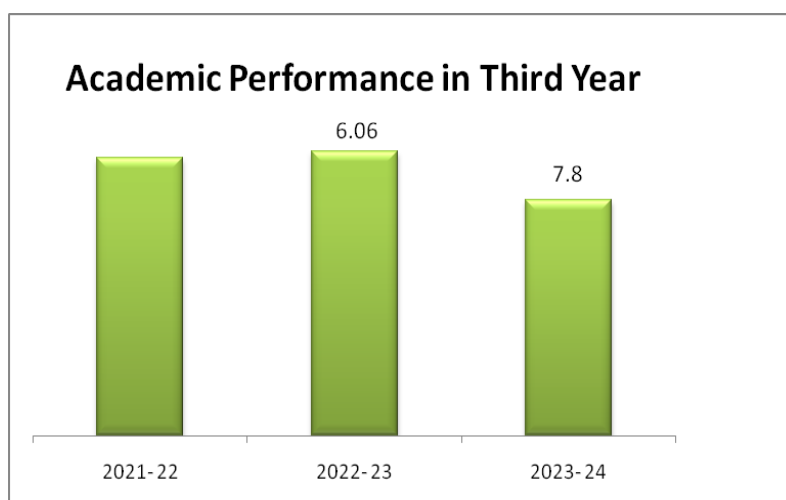
Academic Performance Index (API) = ((Mean of Third Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Final Year/10)) × (successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the final year

| Academic Performance | CAYm3
(2021-22) | LYG
(2020-21) | LYGm1
(2019-20) |
|----------------------------------------------------------------------------------------------------------------------|--------------------|------------------|--------------------|
| Mean of CGPA or Mean Percentage of all successful students (X) (X= Mean of Percentage of all successful students/10) | 7.35 | 7.45 | 7.20 |
| Total no. of successful students (Y) | 79.00 | 93.00 | 96.00 |
| Total no. of students appeared in the examination (Z) | 89.00 | 96.00 | 97.00 |
| API = X* (Y/Z) | 6.52 | 7.22 | 7.13 |

Average API [(AP1 + AP2 + AP3)/3] :

6.96 Academic Performance = Average API [(AP1 + AP2 + AP3)/3] : 6.96



Graph 11: Academic Performance in third year

4.5 Academic Performance in Second Year (10)
Institute Marks (6.82)
Academic Performance = Average API

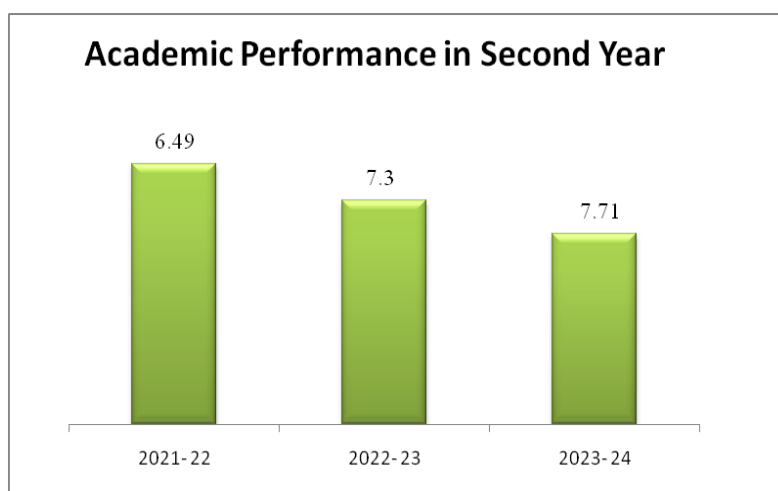
Academic Performance Index (API) = ((Mean of Third Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Final Year/10)) × (successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the third year

| Academic Performance | 2022-23
(CAYm2) | 2021-22
(CAYm3) | 2020-21
(LYG) |
|----------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|------------------|
| Mean of CGPA or Mean Percentage of all successful students (X) (X= Mean of Percentage of all successful students/10) | 7.06 | 7.13 | 7.30 |
| Total no. of successful students (Y) | 65.00 | 89.00 | 96.00 |
| Total no. of students appeared in the examination (Z) | 69.00 | 108.00 | 99.00 |
| API = X* (Y/Z) | 6.65 | 5.88 | 7.08 |

Average API [(AP1 + AP2 + AP3)/3] :

6.54 Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] : 6.54



Graph 12: Academic Performance in Second year

4.6 Academic Performance in First Year (20)
Institute Marks (13)

*Academic Performance = 2.0 * Average API*

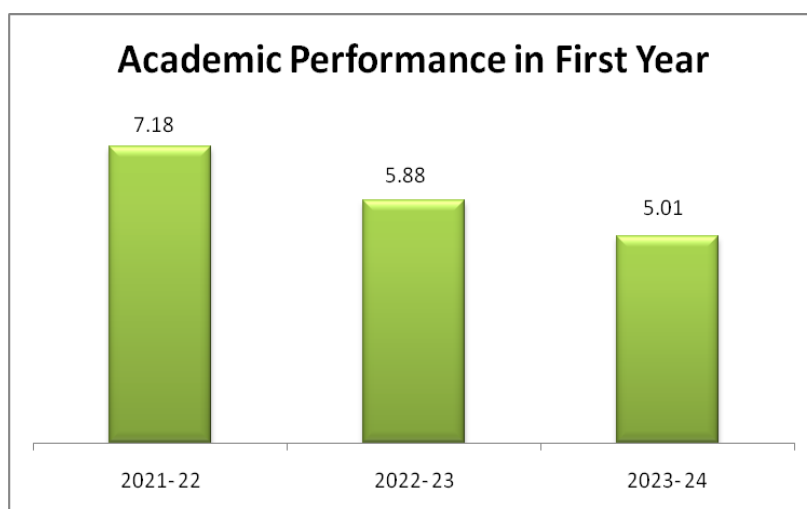
Academic Performance Index (API) = ((Mean of Third Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Final Year/10)) × (successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the Second year

| Academic Performance | 2023-24
(CAYm1) | 2022-23
(CAYm2) | 2021-22
(CAYm3) |
|----------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|--------------------|
| Mean of CGPA or Mean Percentage of all successful students (X) (X= Mean of Percentage of all successful students/10) | 7.48 | 7.40 | 7.40 |
| Total no. of successful students (Y) | 60.00 | 66.00 | 102.00 |
| Total no. of students appeared in the examination (Z) | 88.00 | 84.00 | 103.00 |
| API = X* (Y/Z) | 5.10 | 5.81 | 7.33 |

Average API [(AP1 + AP2 + AP3)/3] :

6.08 Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] : 6.08



Graph 13: Academic Performance in First Year

4.7 Placement and Higher Studies (40)
Institute Marks (38.40)
Assessment Points = $40 \times (x + y)/N$

| Item | 2020-21
(LYG) | 2019-20
(LYGm1) | 2018-19
(LYGm2) |
|-------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------|--------------------|
| Total Number of Final Year Students (N) | 93.00 | 96.00 | 73.00 |
| Number of students placed in Industries/ Hospitals/ Government sector through on/off campus recruitment or opted for Entrepreneurship (x) | 22.00 | 23.00 | 31.00 |
| No. of students admitted to higher studies with valid scores in various qualifying exams (y) | 49.00 | 50.00 | 32.00 |
| Placement Index : $(x + y)/N$ | 0.90 | 0.76 | 0.86 |

Average Placement [$(X + Y)/N$] : 0.84
Assessment [$40 * \text{Average Placement}$] : 33.60
4.8 Professional Activities (20)
4.8.1 Professional societies/chapters and organizing pharmacy events (5)
(Provide the relevant details)
Institute Marks (5)

The students are regularly participating in national pharmacy week celebrations, and the activities conducted by professional societies like Indian Pharmaceutical Association and rotaract club.

List of affiliation details of faculty

| Sl No | Faculty Name | Registration Number | | | |
|-------|----------------|---------------------|-----------------------|-------------|--------------------------------------------|
| | | APTI | Registered Pharmacist | IPA | SFE Others |
| 1 | Prof. Amit Roy | CG/LM-003 | 93 | | SFE/14/I-260 ISTE – LM-4165 IPGA – LM-2692 |
| 2 | Dr. Ravindra | CG/LM-024 | 13504 | CHA/LM/0025 | IPGA7604 |

CRITERION 4: STUDENTS' PERFORMANCE

| | | | | | | |
|----|-------------------------------------|---------------|-------|-----------------|-------------------|----------------------------------------------------------------|
| | Kumar
Pandey | | | | | |
| 3 | Dr. Shiv
Shankar
Shukla | CG/LM-
115 | 16451 | CG/LM/011 | | IPGA-7601 |
| 4 | Dr. S.
Prakash
Rao | CG/LM/04
0 | 6477 | CHA/LM/004
1 | | |
| 5 | Dr. Bina
Gidwani | CG/LM-
081 | 5854 | | | IPGA-7600 |
| 6 | Mrs.
Pushpa
Prasad | CG/LM-
039 | 871 | | SFE/14/I
- 260 | |
| 7 | Mr.
Shashikant
Chandraka
r | | 5859 | CHA/LM/004
5 | SFE/14/I
- 261 | LM-CG/C-042 |
| 8 | Dr.
Bibekanan
d Meher | | | | | |
| 9 | Mr.
Gunjan
Kalyani | CG/LM-
118 | 11256 | | | LM-CG/K-
066 |
| 10 | Ms. Swati
Dubey | | 9614 | CHA/LM/007
9 | | |
| 11 | Ms. Disha
Kesharwan
i | | 8014 | CHA/LM/007
8 | | IPGA- 7607
Society of
Pharmacognos
y LM-CG/M -
092 |
| 12 | Ms.
Sandhya
Mishra | | | | | IPGA-7610
Society of
Pharmacognos
y LM-CG/M -
093 |
| 13 | MS.
Monika
Bhairam | | 29098 | CHA/LM/007
7 | SFE/14/I
-257 | IPGA-4965 |
| 14 | Mr. Sagar
Sahu | | 13196 | | | LM-CG/S-159 |
| 15 | Ms.
Poonam
Sahu | | 12242 | | | |
| 16 | Ms. Neha | | 9168 | | | IPGA- 7602 |

Dubey

Number of Students participates in IPA, Rotaract Club & NSS Activity

| S.NO | WORK | Place | Date | No. of Student |
|------|------------------------------------------------------------------------------------|------------------------------------------------|---------------------------|----------------|
| 1. | Purple Day “Awareness for Epilepsy” | Chhapora, Tekari | 26/03/2025 | 29 |
| 2. | BMC Walkathon | Raipur | 23/03/2025 | 33 |
| 3. | “Run for Man” Walkathon | Raipur | 09/03/2025 | 38 |
| 4. | NSS seven days camp with the theme Youth for My Bharat, Youth for Digital Literacy | Chhapora, Raipur | 01/03/2025-07/03/2025 | 48 |
| 5. | Voting Awareness Rally | CIP, Raipur | 17/02/2025 | 35 |
| 6. | Blood donation and health camp | CIP, Raipur | 29/11/2024 | 50 |
| 7. | Inter school sports competition “Spardha” | Columbia Group of Institutions, Tekari, Raipur | 23/11/2024 | 70 |
| 8. | Walkathon “Swachhata hi Sewa” | Raipur | 28/10/2024 | 120 |
| 9. | Blood donation | Raipur | 19/10/2024 | 03 |
| 10. | School Siksha Mitra by NSS cell | Tekari, Raipur | 10/08/2024 | 65 |
| 11. | Har Ghar Tiranga Abhiyan by NSS cell | Tekari, Raipur | 14/08/ 2024. | 38 |
| 12. | Plantation program | Tekari, Raipur | 27/07/2024 | 100 |
| 13. | Plantation and No Plastic Campaign on World Environment Day | Tekari, Raipur | 31/05/2024 | 105 |
| 14. | NSS seven days camp with the theme Youth for Drug Free India | Chhapora, Raipur | 28-/02/2024
05/03/2024 | 26 |
| 15. | Divyang School Visit by NSS Cell | Tekari, Raipur | 21/03/2024 | 50 |
| 16. | Mega Plantation | Tekari, Raipur | 29/07/2023 | 70 |
| 17. | Women health camp | Tekari, Raipur | 08/07/2023 | 85 |
| 18. | Women day celebration | Raipur | 08/03/2023 | 120 |
| 19. | World TB Day celebration | Tekari, Raipur | | 125 |
| 20. | Cancer awareness program | Tekari, Raipur | 04/02/2023 | 55 |
| 21. | NSS seven days special camp | Chhapora, | 02/01/2023- | 25 |

| | | | | |
|-----|----------------------------------------|----------------|------------|-----|
| | | Raipur | 08/01/2023 | |
| 22. | National Youth day celebration | Tekari, Raipur | 12/01/2023 | 70 |
| 23. | Health camp | Tekari, Raipur | 28/01/2023 | 40 |
| 24. | School Siksha Mitra | Tekari, Raipur | 10/12/2022 | 40 |
| 25. | Tobacco awareness program | Tekari, Raipur | 06/12/2022 | 35 |
| 26. | Childrens' day celebration | CIP, Raipur | 14/11/2022 | 70 |
| 27. | International Literacy Day celebration | CIP, Raipur | 08/09/2022 | 120 |
| 28. | COVID vaccination drive | CIET, Raipur | 03/08/2022 | 75 |
| 29. | SDP Platelet donation awareness camp | CIP, Raipur | 01/07/2022 | 105 |
| 30. | Mega plantation | CGI, Raipur | 23/07/2022 | 85 |

Pharmacy Events – (Updated)

| Sl. No. | Date | Title | Events |
|---------|--------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | 18-11-24 to 23-11-2024 | National Pharmacy Week | Poster presentation, video making competition, 3D model, medicinal garden decoration, pot decoration medicinal plant competition, anchoring, singing, dance, and extempore competitions |
| 2 | 25-09-2024 | World Pharmacist Day Celebration | Quiz competition, lab decoration, debate competition, rangoli competition, treasure hunt competition |
| 3 | 19-11-2023 to 25-11-2023 | National Pharmacy Week | Poster making, power point presentation, rangoli, anchoring, song, painting, mehandi, dance, nukkad natak and extempore competition |
| 4 | 25-09-2023 | World Pharmacist Day Celebration | Lab decoration, debate competition, rangoli competition |
| 5 | 17-11-2022 to 18-11-2022 | National Pharmacy Week | Video making competition, Power Point Presentation, Scientific Poster Presentation and Fetch the Library Competition |

| | | | |
|---|--------------------------|----------------------------------|-----------------------------------------------------------------------------------------------|
| 6 | 24-09-2022 | World Pharmacist Day Celebration | Oath taking ceremony, 3D Poster competition and packaging of various dosage forms competition |
| 7 | 21-11-2021 to 27-11-2021 | National Pharmacy Week | Online quiz, group discussion, rangoli, best out of waste and lab decoration competition |
| 8 | 17-09-2021 to 23-09-2021 | National Pharmacovigilance Week | Online quiz, debate, essay and e-poster competition |

4.8.2 Publication of technical magazines, newsletter, etc. (5)
Institute Marks (5)

(List the publications mentioned along with the names of the editors, publishers, etc.)

Institute publish news letter and technical journal (CJPS) for the upliftment of students and teachers.

List of Publication of News Letter-

| Sl. No. | Publication | Editor | Publisher | Year |
|---------|-------------|---------------------------------------------------|-----------|------------------|
| 1 | News Letter | Dr. Ravindra Kumar Pandey
Ms. Disha Kesharwani | JPES | February
2022 |
| 2 | News Letter | Dr. Ravindra Kumar Pandey
Ms. Disha Kesharwani | JPES | April 2022 |
| 3 | News Letter | Dr. Ravindra Kumar Pandey
Ms. Disha Kesharwani | JPES | June 2022 |
| 4 | News Letter | Dr. Ravindra Kumar Pandey
Ms. Disha Kesharwani | JPES | August
2022 |
| 5 | News Letter | Dr. Ravindra Kumar Pandey
Ms. Disha Kesharwani | JPES | October
2022 |
| 6 | News Letter | Dr. Ravindra Kumar Pandey | JPES | December |

| | | | | |
|-----------|-------------|---------------------------|------|------------|
| | | Ms. Disha Kesharwani | | 2022 |
| | | Ms. Ruchi Bhattacharya | | |
| 7 | News Letter | Dr. Ravindra Kumar Pandey | JPES | February |
| | | Ms. Disha Kesharwani | | 2023 |
| | | Ms. Ruchi Bhattacharya | | |
| 8 | News Letter | Dr. Ravindra Kumar Pandey | JPES | April 2023 |
| | | Ms. Disha Kesharwani | | |
| | | Ms. Ruchi Bhattacharya | | |
| 9 | News Letter | Dr. Ravindra Kumar Pandey | JPES | June 2023 |
| | | Ms. Disha Kesharwani | | |
| | | Ms. Ruchi Bhattacharya | | |
| 10 | News Letter | Dr. Ravindra Kumar Pandey | JPES | August |
| | | Ms. Disha Kesharwani | | 2023 |
| | | Ms. Ruchi Bhattacharya | | |
| 11 | News Letter | Dr. Ravindra Kumar Pandey | JPES | October |
| | | Ms. Disha Kesharwani | | 2023 |
| | | Ms. Ruchi Bhattacharya | | |
| | | Mr. Gunjan Kalyani | | |
| 12 | News Letter | Dr. Ravindra Kumar Pandey | JPES | December |
| | | Ms. Disha Kesharwani | | 2023 |
| | | Ms. Ruchi Bhattacharya | | |
| | | Mr. Gunjan Kalyani | | |
| 13 | News Letter | Dr. Ravindra Kumar Pandey | JPES | February |
| | | Ms. Disha Kesharwani | | 2024 |

| | | | | |
|-----------|-------------|-------------------------------------------------------------------------|------|------------------|
| | | Mr. Gunjan Kalyani
Ms. Ruchi Bhattacharya
Mr. Gunjan Kalyani | | |
| 14 | News Letter | Dr. Ravindra Kumar Pandey
Ms. Disha Kesharwani
Mr. Gunjan Kalyani | JPES | April 2024 |
| 15 | News Letter | Dr. Ravindra Kumar Pandey
Ms. Disha Kesharwani
Mr. Gunjan Kalyani | JPES | June 2024 |
| 16 | News Letter | Dr. Ravindra Kumar Pandey
Ms. Disha Kesharwani
Mr. Gunjan Kalyani | JPES | August
2024 |
| 17 | News Letter | Dr. Ravindra Kumar Pandey
Ms. Disha Kesharwani
Mr. Gunjan Kalyani | JPES | October
2024 |
| 18 | News Letter | Dr. Ravindra Kumar Pandey
Ms. Disha Kesharwani
Mr. Gunjan Kalyani | JPES | December
2024 |
| 19 | News Letter | Dr. Ravindra Kumar Pandey
Ms. Disha Kesharwani
Mr. Gunjan Kalyani | JPES | February
2025 |
| 20 | News Letter | Dr. Ravindra Kumar Pandey
Ms. Disha Kesharwani
Mr. Gunjan Kalyani | JPES | April 2025 |

4.8.3 Participation in inter-institute events by students of the program of study (10)
Institute Marks (7)

(Provide a table indicating those publications, which received awards in the events/conferences organized by other institutes)

- a) Participation in inter-college- Achievements and prizes
- b) Conference – participation

Inter-college participation – Achievements and prizes
(A) List of Participants in Seminar/Workshop outside of the Institute within the State

| Title | Organization | Category | Date | List of Participants |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Advances in Experimental Approaches: Cadveer and Ex vivo Studies in Pharmacological Research | Rungta Institute of | National Workshop | 24-26 March 2017 | <u>B. Pharm. 8th Sem.</u> <ul style="list-style-type: none"> • Tushar Dewangan • Tushar Tripathi • Khilesh Sahu • Devshree Sharma • Rahul Chandrakar • Tasmiya Khwaja • Kartavya Patel • HImanshu Gupta • Piyush Verma • Paras Kumar Sahu • HImanshu Manikpuri • Aarti Jadwani • Khemraj Sahu • Khileshwar Sinha • Yogendra Sahu • Kumar Gaurav Sahu • Neelam Sahu • Pooja Sahu • Chaitanya Yadu |
| Recent Trends and future prospects of Traditional medicinal plants for drug development | Shri Rawatpura Sarkar University, Raipur, Chhattisgarh | National Seminar | 21-22 Nov 2024 | <u>B. Pharm. 6th Sem.</u> <ul style="list-style-type: none"> Yogesh sahu Toran Sahu Nikhil Mishra Saurabh Sahu Sameer Chaudhary Varun Sahu |

CRITERION 4: STUDENTS' PERFORMANCE

| Sl. No. | Assessment Parameters | Marks | |
|-------------------|-----------------------------------------------------------------------------|------------|---------------|
| | | Prescribed | Institute |
| 4.1 | Enrolment Ratio | 20 | 20 |
| 4.2.1 | Success rate without backlogs in any year of study | 30 | 15.6 |
| 4.2.2 | Success rate in stipulated period | 20 | 16.4 |
| 4.3 | Academic Performance in Final Year | 10 | 6.83 |
| 4.4 | Academic Performance in Third Year | 10 | 6.85 |
| 4.5 | Academic Performance in Second Year | 10 | 6.82 |
| 4.6 | Academic Performance in First Year | 20 | 13 |
| 4.7 | Placement and Higher Studies | 40 | 38.40 |
| 4.8.1 | Professional societies/chapters and organizing pharmacy events | 5 | 5 |
| 4.8.2 | Publication of technical magazines, newsletter, etc. | 5 | 5 |
| 4.8.3 | Participation in inter-institute events by students of the program of study | 10 | 7 |
| TOTAL | | 180 | 140.76 |
| Percentage | | | 79.31% |

CRITERION 5: FACULTY INFORMATION AND CONTRIBUTIONS

CRITERION 5: FACULTY INFORMATION AND CONTRIBUTIONS

5. Faculty Information and Contributions (175)

List of Faculty Members

| Name | PAN No. | University Degree | Date of Receiving Degree | Area of Specialization | Research Paper Publications | Ph.D Guidance | Faculty receiving Ph.D during the assessment year | Current Designation | Date (Designated as Prof/Assoc. Prof.). | Initial Date of Joining | Association Type | At present working with the Institution (Yes/No) | In case of NO, Date of Leaving | IS HO D? |
|---------------------------|------------|-------------------|--------------------------|------------------------|-----------------------------|---------------|---------------------------------------------------|---------------------|-----------------------------------------|-------------------------|------------------|--------------------------------------------------|--------------------------------|----------|
| Dr. Ravindra Kumar Pandey | ASFPP8768F | M. Pharm Ph.D | 21/08/2012 | Pharmacognosy | 35 | 7 | 4 | Professor | 15/06/2016 | 23/07/2009 | Regular | Yes | | Yes |
| Dr. Shiv Shankar Shukla | BJOPS5535E | M. Pharm Ph.D | 21/08/2012 | Quality Assurance | 37 | 7 | 3 | Professor | 15/06/2016 | 23/07/2009 | Regular | Yes | | No |
| Dr. Bina Gidwani | AHLPG5407H | M. Pharm Ph.D | 13/07/2016 | Quality Assurance | 35 | 6 | 1 | Professor | 03/04/2023 | 01/05/2019 | Regular | Yes | | No |
| Dr. Disha Kesharwani | DAOPK7798N | M. Pharm Ph.D | 03/08/2024 | Pharmaceutics | 7 | 0 | 0 | Associate Professor | 29/06/2023 | 01/04/2017 | Regular | Yes | | No |
| Dr. Monika Bhairam | BHUPB8536J | M. Pharm Ph.D | 30/12/2023 | Pharmaceutics | 11 | 0 | 0 | Associate Professor | 29/06/2023 | 19/12/2020 | Regular | Yes | | No |

CRITERION 5: FACULTY INFORMATION AND CONTRIBUTIONS

| | | | | | | | | | | | | | | |
|-------------------------|-------------|---------------|------------|--------------------------|----|---|---|---------------------|------------|------------|---------|-----|--|----|
| Dr. Trilochan Satapathy | CHKPS 7293A | M. Pharm Ph.D | 14/05/2011 | Pharmacology | 24 | 8 | 2 | Professor | 01/06/2023 | 01/06/2023 | Regular | Yes | | No |
| Dr. Shashikant Chandra | AMOP C9921G | M. Pharm Ph.D | 09/04/2019 | Pharmaceutics | 3 | 0 | 6 | Associate Professor | 17/09/2019 | 09/01/2009 | Regular | Yes | | No |
| Dr. Neha Dubey | CYSPD 9980Q | M. Pharm Ph.D | 20/09/2023 | Pharmaceutics | 11 | 0 | 0 | Associate Professor | 29/06/2023 | 11/02/2022 | Regular | Yes | | No |
| Dr. Amit Roy | ABSPR 9722P | M. Pharm | 12/01/2009 | Pharmacognosy | 2 | 8 | 1 | Professor | 05/01/2011 | 02/02/2009 | Regular | No | | No |
| Mr. Gunjan Kalyani | BJTPK1 056P | M. Pharm | 18/10/2012 | Pharmaceutical Chemistry | 4 | 0 | 0 | Assistant Professor | | 18/08/2017 | Regular | Yes | | No |
| Ms. Shilpa Sahu | DEPPS4 268E | M. Pharm | 29/09/2011 | Pharmaceutical Quality | 2 | 0 | 0 | Assistant Professor | | 17/01/2020 | Regular | Yes | | No |
| Ms. Poonam Sahu | FAZPS0 100K | M. Pharm | 28/10/2016 | Pharmacology | 4 | 0 | 0 | Assistant Professor | | 01/03/2019 | Regular | Yes | | No |
| Mr. Sagar Sahu | ESIPS6 422N | M. Pharm | 05/05/2018 | Pharmaceutical Chemistry | 4 | 0 | 0 | Assistant Professor | | 01/08/2018 | Regular | Yes | | No |
| Ms. Sandhya Mishra | DSJPM 6351J | M. Pharm | 19/12/2016 | Pharmaceutics | 4 | 0 | 0 | Assistant Professor | | 18/07/2017 | Regular | Yes | | No |
| Mr. Rahul Goswami | CIQPR6 094F | M. Pharm | 01/02/2021 | Pharmaceutical Chemistry | 2 | 0 | 0 | Assistant Professor | | 12/10/2020 | Regular | Yes | | No |

CRITERION 5: FACULTY INFORMATION AND CONTRIBUTIONS

| | | | | | | | | | | | | | | |
|-----------------------------|--------------|----------------|------------|----------------------------------|---|---|---|---------------------|------------|------------|---------|-----|------------|----|
| Mr. Shiv Kumar Bharadwaj | DIIPBO 135F | M. Pharm | 24/08/2017 | Pharmacology | 2 | 0 | 0 | Assistant Professor | | 01/09/2017 | Regular | Yes | | No |
| Mr. Mahendra Kumar Sahu | KWOPS 9088A | M. Pharm | 20/09/2018 | Quality Assurance | 2 | 0 | 0 | Assistant Professor | | 05/07/2022 | Regular | Yes | | No |
| Mr. Piyush Sahu | JYUPS4 214R | M. Pharm | 16/05/2024 | Pharmacology | 0 | 0 | 0 | Assistant Professor | | 24/08/2023 | Regular | Yes | | No |
| Ms. Prakriti Diwan | AWRP D2338P | M. Pharm | 05/06/2017 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 14/08/2017 | Regular | No | | No |
| Mr. Shailendra Kumar Sharma | CMTPS 9940L | M. Pharm | 08/05/2010 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 19/08/2019 | Regular | Yes | | No |
| Dr. S Prakash Rao | APJPR5 749D | M. Pharma Ph.D | 02/12/2014 | Pharmacognosy | 5 | 0 | 0 | Professor | 16/06/2021 | 01/03/2007 | Regular | No | 17/10/2024 | No |
| Dr. Pushpa Prasad Gupta | BDEPP 8588A | M Pharm Ph.D | 03/11/2018 | Pharmacology | 3 | 0 | 0 | Associate Professor | 17/09/2019 | 08/06/2009 | Regular | No | 01/05/2023 | No |
| Dr. Bibekananda Meher | AVUP M8742 N | M. Pharm Ph.D | 24/09/2014 | Pharmacology | 1 | 0 | 0 | Associate Professor | 17/09/2019 | 09/08/2019 | Regular | No | 10/05/2023 | No |
| Ms. Manisha Verma | BKXPV 8929H | M. Pharm | 31/07/2023 | Pharmaceutical Quality Assurance | 1 | 0 | 0 | Assistant Professor | | 01/08/2023 | Regular | Yes | | No |

CRITERION 5: FACULTY INFORMATION AND CONTRIBUTIONS

| | | | | | | | | | | | | | | |
|---------------------------|-------------|----------|------------|--------------------------|---|---|---|---------------------|--|------------|---------|-----|------------|----|
| Ms. Renuka Verma | BJXPV 9164M | M. Pharm | 23/11/2019 | Pharmacology | 1 | 0 | 0 | Assistant Professor | | 27/11/2019 | Regular | Yes | | No |
| Mr. Kamleshwar Sahu | EUDPS 6881L | M. Pharm | 05/05/2018 | Pharmaceutical Chemistry | 0 | 0 | 0 | Assistant Professor | | 28/08/2019 | Regular | Yes | | No |
| Ms. Prachita Joshi | BTCPJ6 543D | M. Pharm | 05/05/2021 | Pharmacology | 0 | 0 | 0 | Assistant Professor | | 06/12/2021 | Regular | Yes | | No |
| Ms. Khushbu Singh | FSEPS3 939D | M. Pharm | 24/05/2014 | Pharmaceutical Chemistry | 0 | 0 | 0 | Assistant Professor | | 01/02/2022 | Regular | Yes | | No |
| Ms. Neelima Janardan | AVUPJ 2084N | M. Pharm | 09/09/2011 | Pharmacognosy | 0 | 0 | 0 | Assistant Professor | | 05/08/2023 | Regular | No | 02/05/2025 | No |
| Mr. Ashish Tamrakar | AYSPT 8118J | M. Pharm | 06/10/2022 | Pharmaceutical Quality | 0 | 0 | 0 | Assistant Professor | | 15/02/2023 | Regular | No | 10/01/2025 | No |
| Ms. Ruchi Bhattacharya | BXYPB 0979H | M. Pharm | 23/11/2019 | Pharmacology | 2 | 0 | 0 | Assistant Professor | | 27/11/2019 | Regular | Yes | | No |
| Mr. Neeraj Kumar Karmakar | DQBPB 3671P | M. Pharm | 03/02/2021 | Pharmaceutical Quality | 0 | 0 | 0 | Assistant Professor | | 01/02/2022 | Regular | No | 10/05/2024 | No |
| Ms. Urmila Dhidhi | CCHPD 1940H | M. Pharm | 24/08/2017 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 23/08/2019 | Regular | No | 01/05/2020 | No |
| Ms. Maneesha Kumari | DQCPK 2294B | M. Pharm | 20/01/2022 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 13/02/2023 | Regular | No | 06/12/2024 | No |
| Ms. Ayushi Sharma | NSVPS 6494C | M. Pharm | 31/08/2023 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 22/08/2023 | Regular | Yes | | No |

CRITERION 5: FACULTY INFORMATION AND CONTRIBUTIONS

| | | | | | | | | | | | | | | |
|-----------------------------|-------------|-----------|------------|------------------------|---|---|---|---------------------|--|------------|---------|-----|------------|----|
| Mr. Hemant Kumar Sharma | KMGPS 3315R | M. Pharm | 28/03/2013 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 08/01/2024 | Regular | Yes | | No |
| Mr. Akhilesh Kumar | GCBPS 9212R | M. Pharm | 26/02/2021 | Pharmacology | 3 | 0 | 0 | Assistant Professor | | 22/01/2021 | Regular | No | 21/08/2023 | No |
| Ms. Durgesh Nandini Chouhan | AGWP N6248D | M. Pharm | 15/05/2008 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 05/12/2016 | Regular | Yes | | No |
| Ms. Durga Sahu | GOHPS 8327P | M. Pharm | 11/01/2022 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 14/02/2023 | Regular | No | 11/01/20 | No |
| Ms. Aarti Mahto | DKYP M4082 | M. Pharm | 13/01/2023 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 14/02/2023 | Regular | No | 06/05/20 | No |
| Mr. Manindra Mahaptra | GLXPM 4179N | M. Pharm | 29/03/2019 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 16/06/2022 | Regular | No | 11/09/2023 | No |
| Ms. Shikha Thakur | AROPT 1352K | M. Pharm | 20/09/2018 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 11/01/2019 | Regular | No | 12/05/20 | No |
| Dr. Rajni Kant Panik | BLQPP 9355R | M. Pharma | 26/02/2020 | Pharmaceutics | 4 | 0 | 0 | Associate Professor | | 16/05/2022 | Regular | No | 28/12/20 | No |
| Mr. Deep Narayan Pal | DHUPP 7437J | M. Pharm | 02/05/2022 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 07/02/2023 | Regular | Yes | | No |
| Ms. Bhawana Sahu | LQAPS 8123D | M. Pharm | 29/07/2022 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 05/06/2024 | Regular | Yes | | No |
| Ms. Ayushi Gupta | DOAPG 8783P | M. Pharm | 28/08/2024 | Pharmacology | 6 | 0 | 0 | Assistant Professor | | 30/08/2024 | Regular | Yes | | No |
| Ms. Vedika Vaishnav | BJZPV9 020Q | M. Pharm | 26/08/2024 | Pharmaceutical Quality | 1 | 0 | 0 | Assistant Professor | | 27/08/2024 | Regular | Yes | | No |

CRITERION 5: FACULTY INFORMATION AND CONTRIBUTIONS

| | | | | | | | | | | | | | | |
|----------------------------|-------------|----------|------------|-------------------|---|---|---|---------------------|--|------------|---------|-----|------------|----|
| Ms. Anjali Sinha | OLOPS 7668H | M. Pharm | 14/12/2023 | Pharmacognosy | 0 | 0 | 0 | Assistant Professor | | 19/08/2024 | Regular | Yes | | No |
| Mr. Bhishm Kumar Sahu | GYTPS 1287Q | M. Pharm | 03/10/2023 | Pharmaceutical | 0 | 0 | 0 | Assistant Professor | | 24/12/2024 | Regular | Yes | | No |
| Mr. Ankit Kumar | BVVPC 2958L | B. Pharm | 06/06/2019 | Pharmacy | 0 | 0 | 0 | Lecturer | | 06/06/2022 | Regular | Yes | | No |
| Mr. Yashmeet Singh Chhabra | BOQPC 6888D | B. Pharm | 07/06/2018 | Pharmacy | 0 | 0 | 0 | Lecturer | | 20/06/2022 | Regular | Yes | | No |
| Mr. Harish Kumar | FURPS 3971J | B. Pharm | 07/06/2018 | Pharmacy | 0 | 0 | 0 | Lecturer | | 14/06/2022 | Regular | Yes | | No |
| Ms. Bhumika Verma | AXAPV 9619F | B. Pharm | 07/06/2018 | Pharmacy | 1 | 0 | 0 | Lecturer | | 10/06/2022 | Regular | Yes | | No |
| Mr. Dhananjay Kumar Sahu | FVHPS 6964N | B. Pharm | 13/06/2017 | Pharmacy | 0 | 0 | 0 | Lecturer | | 01/07/2022 | Regular | No | 19/10/2024 | No |
| Ms. Supriya Sahu | FVHPS 6964N | B. Pharm | 07/06/2018 | Pharmacy | 0 | 0 | 0 | Lecturer | | 07/06/2022 | Regular | No | 03/06/20 | No |
| Mr. Mithlesh Chandrakar | BCNPC 6903N | M.Sc | 09/02/2015 | Computer Science | 0 | 0 | 0 | Assistant Professor | | 08/08/2017 | Regular | No | 04/08/20 | No |
| Mr. Gaurav Verma | BSQPV 4846L | M.Sc | 30/07/2022 | Computer Science | 0 | 0 | 0 | Lecturer | | 21/09/2023 | Regular | Yes | | No |
| Ms. Kamini Verma | BGEPV 9474Q | B. Pharm | 10/02/2017 | Pharmacy | 1 | 0 | 0 | Lecturer | | 11/04/2022 | Regular | No | 10/06/20 | No |
| Mr. Swapnil Lall | ARKPL 8255H | M.Sc | 18/06/2013 | Biotechnology(BE) | 0 | 0 | 0 | Assistant Professor | | 01/02/2016 | Regular | Yes | | No |

5.1 Student-Faculty Ratio (SFR) (20)
Institute Marks (20)

$S:F \text{ ratio} = N/F$; $F = \text{No. of faculty} = (a + b - c)$ for every assessment year

a: Total number of full-time regular Faculty serving fully to 1st, 2nd, 3rd & 4th year of the program

b: Total number of full-time equivalent regular Faculty (considering fractional load) serving this program from PG/Diploma Program(s)

c: Total number of full-time equivalent regular Faculty (considering fractional load) of this program serving PG/Diploma Program(s)

Regular Faculty Means:

- *Full time on roll with prescribed pay scale. An employee on contract for a period of more than two years AND drawing consolidated salary equal or more than applicable gross salary shall only be counted as regular employee.*
- *Prescribed pay scales means pay scales notified by the AICTE/Central Govt. And implementation as prescribed by the State Govt. In case State Govt. Prescribes lesser consolidated salary for a particular cadre then same will be considered as reference while counting faculty as a regular faculty.*

UG

No. of UG Programs in the Department - 1

| Pharmacy | | | | | | |
|---------------|-----------------|------------------------------------------------|-----------------|------------------------------------------------|-----------------|------------------------------------------------|
| Year of Study | CAY | | CAYm1 | | CAYm2 | |
| | (2024-25) | | (2023-24) | | (2022-23) | |
| | Sanction Intake | Actual admitted through lateral entry students | Sanction Intake | Actual admitted through lateral entry students | Sanction Intake | Actual admitted through lateral entry students |
| 1st Year | 100 | 0 | 100 | 0 | 100 | 0 |
| 2nd Year | 100 | 4 | 100 | 3 | 100 | 6 |
| 3rd Year | 100 | 0 | 100 | 0 | 100 | 0 |
| 4th Year | 100 | 0 | 100 | 0 | 100 | 0 |
| Sub-Total | 400 | 4 | 400 | 3 | 400 | 6 |
| Total | 404 | | 403 | | 406 | |
| Grand Total | 404 | | 403 | | 406 | |

PG
No. of PG Programs in the Department - 4

| Pharmaceutical Quality Assurance | | | |
|----------------------------------|-----------------|-----------------|-----------------|
| Year of Study | CAY(2024-25) | CAYm1(2023-24) | CAYm2 (2022-23) |
| | Sanction Intake | Sanction Intake | Sanction Intake |
| 1st Year | 15 | 15 | 15 |
| 2nd Year | 15 | 15 | 15 |
| Total | 30 | 30 | 30 |

| Pharmaceutics | | | |
|---------------|-----------------|-----------------|-----------------|
| Year of Study | CAY(2024-25) | CAYm1(2023-24) | CAYm2 (2022-23) |
| | Sanction Intake | Sanction Intake | Sanction Intake |
| 1st Year | 15 | 15 | 15 |
| 2nd Year | 15 | 15 | 15 |
| Total | 30 | 30 | 30 |

| Pharmacology | | | |
|---------------|-----------------|-----------------|-----------------|
| Year of Study | CAY(2024-25) | CAYm1(2023-24) | CAYm2 (2022-23) |
| | Sanction Intake | Sanction Intake | Sanction Intake |
| 1st Year | 15 | 15 | 15 |
| 2nd Year | 15 | 15 | 15 |
| Total | 30 | 30 | 30 |

| Phytopharmacy and Phytomedicine | | | |
|---------------------------------|-----------------|-----------------|-----------------|
| Year of Study | CAY(2024-25) | CAYm1(2023-24) | CAYm2 (2022-23) |
| | Sanction Intake | Sanction Intake | Sanction Intake |
| 1st Year | 15 | 15 | 15 |
| 2nd Year | 15 | 15 | 15 |
| Total | 30 | 30 | 30 |

| | | | |
|--------------------|------------|------------|------------|
| Grand Total | 120 | 120 | 120 |
|--------------------|------------|------------|------------|

SFR

No. of UG Programs in the Department 1

No. of PG Programs in the Department 4

| Description | CAY
(2024-25) | CAYm1
(2023-24) | CAYm2
(2022-23) |
|------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|
| Total No. of Students
in the Department(S) | 524
Sum total of all
(UG+PG) students | 523
Sum total of all
(UG+PG) students | 526
Sum total of all
(UG+PG) students |
| No. of Faculty in the
Department(F) | 39 F1 | 41 F2 | 42 F3 |
| Student Faculty
Ratio(SFR) | 13.44 SFR1= S1/F1 | 12.52 SFR2= S2/F2 | 12.76 SFR3= S3/F3 |
| Average SFR | 12.91 SFR=(SFR1+SFR2+SFR3)/3 | | |
| F=Total Number of Faculty Members in the Department (excluding first year faculty) | | | |

Note: 75% should be Regular/full time faculty and the remaining shall be Contractual Faculty/Adjust Faculty/Resource persons from industry as per AICTE norms and standards. The contractual faculty will be considered for assessment only if a faculty is drawing a salary as prescribed by the concerned State Government for the contractual faculty in the respective cadre.

5.1.1. Provide the information about the regular and contractual faculty as per the format mentioned below:

| | Total number of regular
faculty in the department | Total number of contractual
faculty in the department |
|----------------|------------------------------------------------------|----------------------------------------------------------|
| CAY(2024-25) | 34 | 0 |
| CAYm1(2023-24) | 35 | 0 |
| CAYm2(2022-23) | 35 | 0 |

Average SFR for three assessment years: 12.91

Assessment SFR: 20

5.2 Faculty Cadre Proportion (20)

| |
|-----------------------------|
| Institute Marks (18) |
|-----------------------------|

The reference Faculty cadre proportion is 1(F1):2(F2):6(F3)

F1 : Number of Professor required = $1/9 \times$ Number of Faculty required to comply with 15:1 Student-Faculty ratio.

F2: Number of Associate Professors required = $2/9 \times$ Number of Faculty required to comply with 15:1 Student-Faculty ratio.

F3: Number of Assistant Professors required = $6/9 \times$ Number of Faculty required to comply with 15:1 Student-Faculty ratio.

| Year | Professor | | Associate Professor | | Assistant Professors | |
|----------------------------|-------------|-------------|---------------------|-------------|----------------------|--------------|
| | Required F1 | Available | Required F2 | Available | Required F3 | Available |
| CAY
(2024-25) | 3.00 | 4.00 | 7.00 | 4.00 | 23.00 | 26.00 |
| CAYm1
(2023-24) | 3.00 | 5.00 | 7.00 | 2.00 | 23.00 | 28.00 |
| CAYm2
(2022-23) | 3.00 | 4.00 | 7.00 | 5.00 | 23.00 | 26.00 |
| Average
Numbers | 3.00 | 4.33 | 7.00 | 3.67 | 23.00 | 26.67 |

Cadre Ratio Marks $[(AF1 / RF1) + [(AF2 / RF2) * 0.6] + [(AF3 / RF3) * 0.4]] * 10 : 18.00$

5.3 Faculty Qualification (20)
Institute Marks (10.49)

$FQ = 2*(10X + 6Y)/F$ where X is no. of faculty with Ph.D., Y is no. of faculty with M. Pharm., F is no. of faculty required to comply with 1:15 Faculty Student ratio (no. of faculty and no. of students required to be calculated as per 5.1)

| | X | Y | F | $FQ = 2.0 \times [(10X + 6Y) / F]$ |
|--------------------|---|----|-------|------------------------------------|
| 2024-25
(CAY) | 8 | 27 | 34.00 | 11.06 |
| 2023-24
(CAYm1) | 7 | 25 | 34.00 | 10.00 |
| 2022-23
(CAYm2) | 9 | 23 | 35.00 | 10.40 |

Average Assessment: 10.49
5.4 Faculty Retention (20)
Institute Marks (20)

| Description | 2023-24 | 2024-25 |
|------------------------|---------|---------|
| No of Faculty Retained | 26 | 23 |
| Total No of Faculty | 26 | 26 |
| % of Faculty Retained | 100 | 88 |

Average: 94.00
Assessment Marks: 20.00
5.5 Innovations by the Faculty in Teaching and Learning (15)
Institute Marks (14)

Innovations by the Faculty in teaching and learning shall be summarized as per the following description.

Contributions to teaching and learning are activities that contribute to the improvement of student learning. These activities may include innovations including, however not limited to, use of ICT, in instruction delivery, instructional methods, assessment,

evaluation and inclusive class rooms that lead to effective, efficient and engaging instruction. Any contributions to teaching and learning should satisfy the criteria:

- *The work must be made available on Institute website*
- *The work must be available for peer review and critique*
- *The work must be able to be reproduced and built on by other scholars*

The institution may set up appropriate processes for making the contributions available to the public, getting them reviewed and for rewarding. These may typically include statement of clear goals, adequate preparation, use of appropriate methods, significance of results, effective presentation and reflective critique.

Innovations by the Faculty in Teaching and Learning –

- **OHP (Over Head Projector)** – Faculties use OHP for presentation and lectures for better understanding of the difficult topics.
- **Videos-** Videos are also used by the faculties for lectures.
- **Presentation on different topics by students** – Faculties assigned different topics to the students for the presentation. Students give the presentation of their respective topics. These teaching learning process develop self learning skills among the students.
- **Software** – Software is also used for the teaching learning process especially for the Pharmacology subjects.
- **GPAT Classes** - The faculty encourages the students to get experience in answering MCQ type of questions. This is beyond the curriculum and being implemented, so as to train the students for competitive exams, GPAT etc. This is at assessment and evaluation level.
- **E-Content** – The faculty encourages students to use the e-lecture from website. Lectures of our faculties are also uploaded on website. These e-lectures are helpful to students of allover world for their study. Students can view the lectures on institute website.

| S. No. | Name of Faculty | Presentation Title | Semester |
|--------|------------------|------------------------------------|----------------------|
| 1. | Ms. Poonam Sahu | The Cell | B. Pharm II Semester |
| | | The Cellular Level of Organization | |
| | | Lymphatic System | B. Pharm II Semester |
| | | Endocrine System | B. Pharm II Semester |
| 2. | Ms. Renuka Verma | Route of Drug Administration | B. Pharm II Semester |

| | | | |
|-----|---------------------------|---------------------------------------------------------|------------------------|
| 3. | Dr. Bibekanand Meher | Roles and Responsibilities of Hospital Pharmacist | B. Pharm VII Semester |
| 4. | Ms. Ruchi bhattacharya | Prostaglandins, Thromboxanes and Leukotrienes | B. Pharm VI Semester |
| | | Antigout Drugs | B. Pharm VI Semester |
| 5. | Dr. Beena Gidwani | Probability Distribution | B. Pharm VIII Semester |
| | | Pharmaceutical Pellets | B. Pharm V Semester |
| | | Capsules | B. Pharm V Semester |
| | | Pharmaceutical Aerosols | B. Pharm V Semester |
| 6. | Ms. Shilpa Sahu | Prevention of Cruelty to Animals Act 1960 | B. Pharm VI Semester |
| | | Market Complaints: Types, SOP, Record and Logbook | B. Pharm VI Semester |
| | | Recalls: Types, Handling, Regulatory Guidelines and SOP | B. Pharm VI Semester |
| 7. | Mr. Gunjan Kalyani | Pharmacophore Modelling | B. Pharm VI semester |
| | | Good Laboratory Practices | B. Pharm VI semester |
| | | Anti Arrhythmic Agents | B. Pharm VI semester |
| | | Molecular Docking | B. Pharm VI semester |
| | | Pharmacophore modelling | B. Pharm VI semester |
| | | Antihypertensive agents | B. Pharm VI semester |
| | | Cardiac arrhythmias | B. Pharm VI semester |
| 8. | Mr. Sagar Sahu | History of pharmacopoeia | B. Pharm I semester |
| | | Carbonyl Compounds | B. Pharm I semester |
| | | Chloral Hydrate | B. Pharm I semester |
| | | Impurities and Source of Impurities | B. Pharm I semester |
| | | Pharmacopoeia | B. Pharm I semester |
| 9. | Ms. Prakriti Diwan | Gibbs Free Energy and Equilibrium | B. Pharm IV semester |
| 10. | Dr. Monika Bhairam | Drug Legislation in India | B. pharm V semester |
| | | Designing of Pharmaceuticals | |
| | | Recent Advances in Tablet Technology | |
| 11. | Dr. Disha Kesharwani | Correlation | B. Pharm VIII semester |
| | | Registration of Indian Drugs in Overseas Market | B. Pharm VIII semester |
| | | Introduction to Biostatistics | B. Pharm VIII semester |
| | | Drug Discovery and Development | B. Pharm VIII Semester |
| 12. | Ms. Ruchi | Central Nervous System | B. Pharm VI Semester |
| 13. | Dr. Shashikant Chandrakar | Prescription | B. Pharm I Semester |
| | | Excipients used in Formulation of Liquid Dosage Form | B. Pharm I Semester |
| | | Mechanism of Drug Absorption through GIT | B. Pharm VI Semester |

| | | | |
|-----|-------------------------|----------------------------------------------------------------|------------------------|
| | | Measurement of Bioavailability | B. Pharm VI Semester |
| | | Properties of Polymers | B. Pharm VI Semester |
| | | Controlled Drug Delivery System | B. Pharm VIII Semester |
| 14. | Ms. Sandhya Mishra | Role of Major Biomolecules in the Human body | B. Pharm II Semester |
| | | Plant Location Industrial Hazards and Plant Safety | B. Pharm II Semester |
| 15. | Mr. Mahendra Kumar Sahu | Quality Assurance, Quality Control, TQM | B. Pharm VIII Semester |
| | | ISO 9000 and 14000 | B. Pharm VIII Semester |
| | | Stereoisomers, optical isomerism and Nomenclature | B. Pharm III Semester |
| 16. | Mr. Swapnil Lall | Biosensors | B. Pharm VI Semester |
| | | Bioreactors | B. Pharm VI Semester |
| | | Effective communication skills | B. Pharm II Semester |
| | | 7C's of Communication | B. Pharm II Semester |
| | | Ecosystem | B. Pharm II Semester |
| | | Food Chain, Food web, Ecological Pyramid | B. Pharm II Semester |
| | | Personal Grooming | B. Pharm II Semester |
| | | Time Management | B. Pharm II Semester |
| 17. | Mr. Piyush Sahu | Designing of Aseptic area | B. Pharm IV semester |
| | | Microbiological Assay | B. Pharm IV semester |
| 18. | Ms. Ayushi Gupta | Local Anesthetics | B. Pharm IV semester |
| | | Pharmacology of Peptic Ulcer | B. Pharm VI semester |
| 19. | Mr. Shiv Kumar Bhardwaj | Digestive System | B. Pharm II semester |
| | | Urinary System | B. Pharm II semester |
| | | Local Anaesthetics | B. Pharm IV semester |
| | | Antihypertensive drugs | B. Pharm IV semester |
| 20. | Mr. Gaurav Verma | Matrix | B. pharm I Sem |
| | | Integration by parts | B. pharm I Sem |
| | | Laboratory Information Management System | B. pharm I Sem |
| | | Text Information Management system | B. pharm I Sem |
| 21. | Ms. Anjali Sinha | WHO Guidelines on GACP for Medicinal Plants | B. Pharm VI semester |
| | | Indian System of Medicine | B. Pharm VI semester |
| 22. | Ms. Vedika Vaishnav | WHO and ICH Guidelines for Assessment of Herbal Drug Stability | B. Pharm VI semester |
| | | Patenting Aspects of Natural Products | B. Pharm VI semester |

- **Manual Preparation** - The teaching faculty is also involved in development of books and laboratory manuals, which facilitates the learning by students. It is hardware development.

5.6 Faculty as participants in Faculty Development/Training Activities (15)

- A Faculty scores maximum five points for participation
- Participant in 2 to 5 days workshop/Faculty Development Program: 3 Points
- Participant > 5 days Workshop/Faculty Development Program: 5 Points

| Name of the faculty | Max 5 Per Faculty | | |
|------------------------------------|-------------------|---------|---------|
| | 2024-25 | 2023-24 | 2022-23 |
| Dr. Shiv Shankar Shukla | 5.00 | 5.00 | 0.00 |
| Dr. Bina Gidwani | 5.00 | 5.00 | 5.00 |
| Dr. Monika Bhairam | 5.00 | 5.00 | 0.00 |
| Dr. Disha Kesharwani | 5.00 | 3.00 | 0.00 |
| Ms. Sandhya Mishra | 5.00 | 3.00 | 0.00 |
| Mr. Swapnil Lall | 5.00 | 3.00 | 5.00 |
| Mr. Gunjan Kalyani | 3.00 | 3.00 | 0.00 |
| Mr. Shiv Kumar Bhardwaj | 3.00 | 3.00 | 0.00 |
| Dr. Shashikant Chandrakar | 3.00 | 3.00 | 0.00 |
| Dr. Neha Dubey | 3.00 | 3.00 | 0.00 |
| Mr. Sagar Sahu | 3.00 | 3.00 | 0.00 |
| Ms. Poonam Sahu | 3.00 | 3.00 | 0.00 |
| Ms. Renuka Verma | 3.00 | 3.00 | 0.00 |
| Ms. Shilpa Sahu | 3.00 | 3.00 | 0.00 |
| Mr. Rahul Kumar Goswami | 3.00 | 3.00 | 0.00 |
| Mr. Mahendra Kumar Sahu | 3.00 | 3.00 | 0.00 |
| Mr. Shailendra Kumar Sharma | 3.00 | 3.00 | 0.00 |
| Ms. Neelima Janardan | 3.00 | 3.00 | 0.00 |
| Mr. Piyush Sahu | 3.00 | 3.00 | 0.00 |

| | | | |
|--------------------------------------------------------------------------------------|-------|-------|-------|
| Ms. Manisha Verma | 3.00 | 3.00 | 0.00 |
| Mr. Bhumika Verma | 3.00 | 3.00 | 0.00 |
| Sum | 75.00 | 69.00 | 10.00 |
| RF = Number of Faculty required to comply with 15:1 StudentFaculty Ratios as per 5.1 | 34.93 | 34.87 | 35.07 |
| Assessment [$3 \times (\text{Sum} / 0.5\text{RF})$] | 12.88 | 11.87 | 1.71 |

Average assessment over 3 years: 8.82

5.7 Research and Development (40)

5.7.1 Academic Research (10)

| |
|----------------------|
| Institute Marks (10) |
|----------------------|

- Academic research includes research paper publications, Ph.D. guidance, and faculty receiving Ph.D. during the assessment period.
- Number of quality publications in referred/SCI Journals, citations, Books/Book Chapters etc. (6)

Institutional Publications (2022-2025)

Total number of publication-372 (2009 to till date may 2025)

Total number of publication – 108(2022-2025)

Total cumulative impact factor – 132.722 (2009-2024)

Total cumulative impact factor- 57.282 (2022-2024)

| S. No. | Year 2025 | | | | DOI |
|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------|
| | Author/ Author's Detail | Title | Journal | Impact factor | |
| 1. | Bina Gidwani, Monika Bhairam, Shiv ShankarShukla, Harsh Verma, Ravindra KumarPandey | Herbal Bioenhancers inPharmaceutical DrugDelivery: Mechanisms,Challenges, and FutureInnovations | Chemistry and biodiversity (Wiley) | 2.4 | https://doi.org/ (https://doi.org/10.1002/cbdv.202500760 |

| | | | | | |
|----|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------|
| 2. | Neha Dubey, ShivShankar Shukla,Ravindra KumarPandey, Sagar Sahu,and Bina Gidwani | Preparation,Optimization, andCharacterization ofTransdermal Patches Containing AqueousExtract of Cissusquadrangul aris andGinger officinalis | Current Nutrition & Food Science | 0.8 | On press |
| 3. | Monika Bhairam,Ravindra KumarPandey, Shiv ShankarShukla and BinaGidwani | Development andOptimization ofRanolazineNanosuspension: A Statistically DesignedApproach for Formulationand Pre-Clinical Evaluation | Current Nanomedicine | Scopus | On press |
| 4. | MonikaBhairam,AnantaChoudhury, DhirajBaishya, HimanshuDeka and NurjamalHoque. | Nanomaterial-BasedApproaches for Non-Invasive DiabetesManagement: The Futureof Glycaemic Control | Journal of Drug Delivery Letters (https://www.eurekaselect.com/article/147436) | Scopus | 10.2174/0122103031324954250324182308 |
| 5. | Princy KashyapTrilochan Satapathy,Shiv Kumar Bhardwaj,Arvind Kumar, Kamalbabu Aditya | A ComprehensiveReview on NovelTherapies forGastrointestinal Cancersusing TranslationalPlatforms | Current Pharmaceutical Design. 2025 Mar 19.(https://pubmed.ncbi.nlm.nih.gov/40108924) | 2.6 | doi:10.2174/01113816128363261250224191453. |
| 6. | Darshana Rathi,Kamaksha Tiwari andTrilochan Satapathy | Janus Kinase Inhibitors(JAK) As PotentialCandidate Targets toRheumatoid Arthritis | Curr Res Altern Complement Integra Med2025; 2(1): 79-89. | Non Indexed | - |
| 7. | Nagendra SinghChauhan, Satish KumarDewangan, | Dermal Safety Study andAntifungal | Int. J. Pharm. Investigation 2025; | ESCI | DOI: 10.5530/ijpi.202501 |

| | | | | | |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------|
| | Shrikant RInchulkar,
Sangeetabhagat,
TrilochanSatapathy | Activity of
Dhatrayadi lepa | 15(2):642-649. | | 51 |
| 8. | Parag Jain,
AkankshaJain,
RohitasDeshmukh ,
PradeepSamal,
TrilochanSatapathy,
Ajazuddin. | Metabolic
dysfunction-
associated
steatotic
liverdisease
(MASLD):
Exploring
systemicimpacts
and
innovativetherapi
es | Clinics and
Research in
Hepatology
andGastroenter
ology. 2025
Mar
27;49(6):10258
4. | 2.6 | DOI:
10.1016/j.
clinre.202
5.102584 |
| 9. | Kunal
ChandrakarTrilochan
Satapathy ,Abhisek
Satapathy ,Abinash
Satapathy ,Neha
Yadav ,
ManishaChandrakar | Recent outbreaks
ofHumanMetapne
umovirus(HMPV)
:
Prevention,Diagn
osis
andTherapeutic
insights | Journal of
Drug Delivery
and
Therapeutics.[
2025 May
22];15(2):193-
20. | Non
Indexed | DOI
https://doi.
org/10.22
270/jddt.v
15i2.7000 |
| 10. | Trilochan
SatapathyBharti
Pradhan,Kalpana Sen1 | Experimental
animalmodels for
urolithiasis(kidne
y stone):
Acomprehensive
review | Animals and
Zoonoses
ISSN: 2950-
2489.
Available
online 7
March2025 | SCOPUS | https://doi.
org/10.10
16/j.azn.2
025.03.00
1 |
| 11. | Mansi Verma
TrilochanSatapathy ,
Anjali Minj | Impact of
NSAIDscorticoste
roids
DMARDsbiologi
cs and
theircomparisons
with
naturalproducts in
C-
reactiveproteins
(CRP)
linkedcardiovascu
lar disorders | Inflammophar
macology
Springer
Nature.2025
May 4:1-27. | 4.6 | https://doi.
org/10.10
07/s10787
-025-
01767-1 |
| 12. | Sagar Sahu,
KhileshSahu,
DevshreeSharma,
Piyush Verma,Tushar
Tripathi,
RahulChandrakar, D.
S.Raghuwanshi,
andGunjan Kalyani | Augmenting the
NationalService
Scheme (NSS)in
India as an
approachfor
superior
civiccommitment
and | International
Journal of
Research
andAnalytical
Reviews -
2025 IJRAR
April
2025,Volume | UGC | www.ijrar.
org (E-
ISSN
2348-
1269, P-
ISSN2349
-5138) |

| | | | | | |
|-----|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----|---------------------------------------------------|
| | | societyimprovement | 12, Issue 2 | | |
| 13. | Sagar Sahu, KhileshSahu, DevshreeSharma, Piyush Verma, Tushar Tripathi, RahulChandrakar, D. S.Raghuwanshi, andGunjan Kalyani | Role Of National ServiceScheme (NSS) In SkillingSocial Precision AmongStudents Of HigherEducation | Journal of Research and Analytical Reviews.2025 IJRAR April 2025, Volume 12, Issue 2 | UGC | www.ijrar.org (E-ISSN 2348-1269, P-ISSN2349-5138) |
| 14. | Sagar Sahu, KhileshSahu, DevshreeSharma, Piyush Verma, Tushar Tripathi, RahulChandrakar, D. S.Raghuwanshi, andGunjan Kalyani | The Role of NationalService Scheme (NSS)in Nation's Edifice | International Journal of Research andAnalytical Reviews (IJRAR) | UGC | - |
| 15. | Sagar Sahu, Kartavya Patel Gunjan Kalyani | Chemogenomics: AnEvolving Stratagem forSwift Target and DrugDiscovery | IJIRT , Volume 11 Issue 12, ISSN: 2349-6002 | UGC | - |

| S. No. | Year 2024 | | | | DOI |
|--------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------|
| | Author/ Author'sDetail | Title | Journal | Impact factor | |
| 16. | Bina Gidwani, SagarSahu , Rahul Kumar , Neha Dubey ,Ravindra KumarPandey , ShivShankar Shukla , | Tools, techniques andadvancement s inOmics technology | "Journal of University of Shanghai for Science andTechnology " ISSN: 1007-6735. Volume 25,Issue 11, November - 2023 | Scopus | ISSN: 1007-6735. |
| 17. | Satapathy T, Singh G,Pandey RK, ShuklaSS, Bhardwaj SK,Gidwani B. | Novel Targets andDrug Delivery Systemin the Treatment ofPostoperative Pain:Recent Studies | Current Drug Targets. 2024;25(1):25-45. | 3.2 | doi: 10.2174/0113894501271207231127063431. |

| | | | | | |
|-----|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------|
| | | andClinical Advancement. | | | |
| 18. | Manisha Verma, BinaGidwani, RavindraKumar Pandey, ShivShankar Shukla. | Chemistry, Synthesis,Biological Propertiesand Analytical Methodsfor the estimation ofTolbutamide: anupdated review. | Current molecular medicine. Benthem.1-12 Accepted: September 28, 2023 | 2.02 | DOI: 10.2174/0115665240268825231122012509 |
| 19. | Ravindra KumarPandey, Parag Jain,Shiv Shankar Shukla,Beena Gidwani,Akanksha Jain,Ajazuddin. | Ethnomedicinal Valueof Medicinal Plantsfound in Chhattisgarh:Recent Scenario andAdvancement. | Current Traditional Medicine, BenthemScience. Accepted: Jan 02, 2024. [https://eurekas elect.com/public/article/138315] | 0.6 | DOI: 10.2174/0122150838278588240123084611 |
| 20. | Sagar Sahu,Ravindra KumarPandey, ShivShankar Shukla, BinaGidwani. | Spectrophotometricdevelopment andvalidation ofEmpagliflozin in APIand tablet dosageform. | Journal of applied spectroscopy. Vol. 91, No. 2,May, 2024 | Scopus, | DOI 10.1007/s10812-024-01734-8 |
| 21. | Ruchi Bhattacharya,Bina Gidwani,Ravindra Pandey,and Shivshankarshukla. | Investigation ofAntidiabetic Activityand pharmacokinetic sin Herbo-mineralAyurvedic Formulation‘ArogyavardhiniGutikain streptozotocininduced wistar rat. | Palestinian Medical and PharmaceuticalJournal. Vol. 9 : Iss. 1 , Article 10. | Scopus | https://doi.org/10.59049/2790-0231.1099 |
| 22. | Bina Gidwani , VishalJain, Veenu Joshi ,Ravindra KumarPandey , ShivShankar Shukla,Amber Vyas. | Optimization ofvariables andassessment of in-vitroand in-vivoantihyperlipidemicactivity of Eudragit RSnanoparticles containing simvastatin. | Particuology. Volume 90, July 2024, Pages189-198 | 3.6 | https://doi.org/10.1016/j.partic.2023.12.006 |

| | | | | | |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------|
| 23. | TrilochanSatapathy*,
YugalKishore,
RavindraKumar
Pandey, ShivShankar
Shukla,
ShivKumarBhardwaj
and BeenaGidwani | Recent
Advancementin
Novel
WoundHealing
Therapies
byUsing
AntimicrobialPe
ptides Derived
fromHumans
andAmphibians | Current Protein
& Peptide
Science.
2024;25(8):587-
603. | 2.8 | DOI:
10.2174/0
11389203
72880512
40319052
435 |
| 24. | Dr. S. Prakash
Rao,Mr. pankaj
Kashyap,Dr. Anil
Kumar Sahu,Dr. Vijay
Singh andMs. Rajni
Yadav. | Synthesis,Charac
terization
andAnticancer
Evaluationof 1-
(5-
Substituted 1H-
Indole3-Yl)-3-
(P-Substituted-
Benzyl) Prop- 2-
En-1-One
derivatives"
pharmacologicalt
herapies | Journal of
Chemical
Health Risks.
JCHR (2024)
14(1), 1472-
1479
 ISSN:2251-
6727 | Scopus | www.jchr.
org |
| 25. | Dr. S. Prakash Rao,Dr.
Ashish
Majumdar,Dr.Mdhuri
Baghel,Ms.
MeenakshiBharkatia
and Mr.Hari Prasad
Sonwani." | "In Preclinical
Models,Bk
Channel
SubunitsInfluenc
e Responsesto
Endocrine
Therapy
andEncourage
theDevelopment
of
BreastCancer"" | Journal of
Chemical
Health Risks.
JCHR(2024)
14(1), 1904-
1915
ISSN:2251-
6727 | Scopus | www.jchr.
org |
| 26. | Dr.
S.P.Rao,PrasanthiSam
athoti, Suresh
V.Chinni, V.
KishorKumar, Mr.
V.Venkateswaran,Ra
menani Hari
Babu,Anant S.
Deshpande,and
Ramenani HariBabu. | Evaluation of
HerbalExtracts
of
MomordicaChar
antia
andFenugreek
Seeds
forManagement
ofDiabetes | Journal of
Advanced
Zoology.
Volume 44Issue
S-3 Year 2023
Page 620:626 | Scopus | - |
| 27. | Anwasha
Sharma,Mahendra
KumarYadav, Vidhya
C. S.,K. Arun
Kumar,Kavita
Khatana,Abhisek | "Nanomaterials
andnanotechnolo
gy :
acomprehensive
Studyof
synthesis,charact | Biochemical
and Cellular
Archives. Vol.
23,Suppl. 1, pp.
1641-1647,
2023 | NonIndex
ed | DOI:10.51
470/BCA.
2023.23.S
1.1641 |

| | | | | | |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------|
| | Tripathy and and Rajnikant Panik | erization and multifaceted Applications restorative strategies" | | | |
| 28. | M.S. Shobha, Vidhya C. S., Priya Srivastava, Kamlesh Kumar Ahirwar, Imran A. Sheikh, Rajni Kant Panik, and Manish Raj Mishra | "Exploring the potential of graphene and graphene oxide as innovative nanocarriers for drug delivery" | Biochemical and Cellular Archives. Vol. 23, Suppl. 1, pp. 1571-1576, 2023 | Non Indexed | DOI: https://doi.org/10.51470/bca.2023.23.S1.1571 |
| 29. | Dr. Rajnikant Panik, Dr. Deependra Singh, Dr. Manju Rawat Singh, Dr. Sunil Kumar Kadiri, Dr. Prashant Tiwari, Dr. Jitendra Yadav, Dr. Prabhat Kumar, V. Anitha Kumari, N. Silpa, R. Venu Priya, and P. Bharat Ratna Kumar. | Formulation and optimization of Retapamulin loaded PLGA nanoparticles for burn wounds", | Journal of Advanced Zoology. ISSN: 0253-7214 Volume 44 Issue -2 Year 2023 Page 373:402 | Scopus | - |
| 30. | Trilochan Satapathy and Shashikala Sonwani | Indian herbs in the treatment of Liver injury: A Mechanism based review | World Journal of Pharmaceutical Research. Vol 13, Issue 6, 2024. | Non Indexed | DOI: 10.20959/wjpr20246-31587 |
| 31. | Trilochan Satapathy, Duleshwar Prasad Sahu and Himanshu Sahu | Carica Papaya: A plant with multiple benefits for human health | International Journal of Research Publications and Reviews. Vol 5, no 3, pp 266-271 March 2024. ISSN 2582-7421 | Non Indexed | www.ijrpr.com |
| 32. | Trilochan Satapathy and Ashu Vishwakarma | An overview of Inflammatory Mediators and treatment approaches for Rheumatoid Arthritis | International Journal of Research and Analytical Reviews. 770-790 | Non Indexed | https://ijrar.org/submitonline.php |
| 33. | Dr. Shiv | Fourier | Research J. | Scopus | DOI: |

| | | | | | |
|-----|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------|---------------------------------------------------------------|
| | ShankarShukla,
RavindraPandey,
Rohan Nene,Swati
Pandey andBina
Gidwani. | TransformInfra-
RedSpectroscop
y:
Recentadvances
andprospective
inAnalytical
MethodDevelop
ment
andValidation | Pharm. and
Tech. 17(6):
June2024. ISSN
0974-3618
(Print) | | 10.52711/
0974-
360X.202
4.00462 |
| 34. | Vikash Sharma,
ShivShankar Shukla,
BinaGidwani,
RavindraKumar
Pandey. | Anti-arthritis
Activityand
Anti-
inflammatoryMe
diators
Modulation
Effect of
BioactiveTraditi
onal
ChaturbeejaChur
na on Arthritis
Experimental
Model | Current
Bioactive
Compounds.
Volume
21,Issue 4, 2025 | SCOPUS | DOI:
10.2174/0
11573407
23019052
40523102
653 |
| 35. | Krishna
Yadav,Deependra
Singh,Manju Rawat
Singh,Bina
Gidwani,Nagendra
SinghChauhan,
MadhulikaPradhan. | Monkeypox:Eme
rgence of
newermenace
implicatinggloba
l health. | Journal for
Basic Sciences | SCOPUS | - |
| 36. | Bina
Gidwani,Mr.Bhaskar
Sahu, Mr.Rakesh Sahu
and Dr.Achal Mishra. | Pyrrole: An
EssentialFramew
ork in
theDevelopment
of
Therapeutic
Agentsand
Insightful
Analysisof
Structure-
Active
Relationships | Chemistry
Europe.
ChemistrySelec
t 2024,
9,e202401604
(1 of 33) | Non-index | doi.org/10
.1002/slct.
20240160
4 |
| 37. | Trilochan
Satapathy,Deepak
Sahu,Himanshu
Sahu,Ravindra
KumarPandey,
ShivShankar
Shukla and
BeenaGidwani | Trends
onNanomedicine
s asNovel
therapeuticsAppr
oach in
Targeting
Nociceptors
forRelieving
Pain | Current Drug
Targets.
Volume 25,
Issue 12,2024 | 3 | doi:
10.2174/0
11389450
13155212
40725065
617. |

| | | | | | |
|-----|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------------------------|
| 38. | Asmit Sahu,
NehaDubey,
TrilochanSatpathy,
RavindraKumar
Pandey, ShivShankar
Shukla
and Bina Gidwani | "FlemingiaStrobi
lifera–An
Updated Review
onits
Pharmacognostic
and
Pharmacological
Properties" | Current
Nutrition &
Food Science,
Volume
21,Issue 4, May
2025, p. 421 -
429 | 0.8 | DOI:https:
//doi.org/1
0.2174/01
15734013
31335024
09180503
29 |
| 39. | Bina Gidwani,
GunjanKalyani,
RavindraKumar
Pandey andShiv
Shankar Shukla | Scientific
Validation
andChromatogra
phicMethod
Developmentfor
the
Estimation of
Piperinein
Herbal
FormulationBab
bularishta:
AQuality
Control Strategy
forCritical
QualityAttribute
s | Current
Nutrition
&Food Science.
Volume
21,Issue 4, 2025 | 0.8 | DOI:10.21
74/011573
40133185
02241004
035318 |
| 40. | Manoj Verma,
SwatiPandey,Dr.
ShivShankar
Shukla,Dr.Bina
Gidwani ,Dr.Ravindra
KumarPandey | Bisoprolol
Fumarate:An
Explor ate:
AnExploration
on itsPration on
itsProperties and
ties
andAnalytical
Methods | Palestinian
Medical and
PharmaceuticalJ
ournal. 2024;
9(4): 483-496 | SCOPUS | - |
| 41. | Trilochan
Satapathy,Yogesh
Kumar,Ravindra
KumarPandey,
ShivShankar Shukla,
ShivKumar
Bhardwaj,Beena
Gidwani. | A Review of
theMedicinal
Value
andChemical
Compositionof
Flavonoids
fromPongamia
Pinnata:Recent
Work in
DrugAdvanceme
nt
andTherapeutics | Current Drug
Therapy.
Volume 20,
Issue
4,2025.https://w
ww.eurekaselec
t.com/article/13
9483 | 3 | DOI:
10.2174/0
11574885
52881012
40320061
757 |
| 42. | Ravindra
KumarPandey,
ShivShankar
Shukla,Disha
Kesharwni | Advances
inPhytochemical
–Based
NanocarrierAppr
oaches | Recent
Advances in
Inflammation
and
AllergyDrug | 1.2 | DOI:
10.2174/0
12772270
83046732
40903184 |

| | | | | | |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------------|
| | and Sandhya Mishra. | for Rheumatoid Arthritis: Challenges and Scope for Future-Generation Formulations” in Recent Advances in Inflammation and Allergy Drug Discovery | Discovery. Volume 19, Issue 2, 2025 | | 606 |
| 43. | Shilpa Sahu, Prasanta Kumar Choudhury, Gurishyam Pasa, Padala Narasimha Murthy, Poonam Sahu, Renuka Verma | Modulation of mesalazine release from enteric-coated matrix tablets using natural polysaccharides for localized colonic delivery | Journal of Applied Pharmaceutical Research. Volume 12 Issue 2, Year of Publication 2024, Page 16 – 21 | Scopus | https://doi.org/10.18231/j.joap.r.2024.12.2.93.108 |
| 44. | Neha Yadav Trilochan Satapathy, Kalpana Sen, Shailesh Sahu, Bharti Pradhan, Ayushi Gupta, Md. Altaf Khan, Dheeraj Kumar, Abinash Satapathy | Experimental animal models for gastric ulcer/peptic ulcer: An overview | Journal of Drug Delivery and Therapeutics, ISSN- 2250-1177. 2024;14(1):182-192 | - | DOI: http://dx.doi.org/10.22270/jddt.v14i1.6258 |
| 45. | Md. Altaf Khan Ayushi Gupta, Trilochan Satapathy, Bharti Pradhan, Kalpana Sen, Shailesh Sahu, Akhilesh Kumar Sahu, Shiv Kumar Bhardwaj | Experimental animal models for influenza/flu viruses vaccine development | Journal of Drug Delivery and Therapeutics, ISSN- 2250-1177. 2024;14(2):192-204 | - | DOI: http://dx.doi.org/10.22270/jddt.v14i2.6362 |
| 46. | Ansuman Satapathy Mohammad Altaf Khan, Trilochan Satapathy, Kalpana Sen, Shailesh Sahu, Bharti Pradhan, Ayushi Gupta, Abinash Satapathy | Pharmacological targeting of ferroptosis in cancer treatment | Journal of Drug Delivery and Therapeutics, ISSN- 2250-1177. 2024;14(2):205-221 | - | DOI: http://dx.doi.org/10.22270/jddt.v14i2.6371 |
| 47. | Shashikala Sonwani and Trilochan Satapathy | Indian herbs in the treatment of liver injury: A mechanism- | World Journal of Pharmaceutical Research, ISSN- | - | DOI: 10.20959/wjpr20246-31587 |

| | | | | | |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------------------------------------------------------|
| | | basedreview | 2277-7105.
Volume 13,
Issue6, 167-181 | | |
| 48. | Himanshu
SahuTrilochan
Satapathy,Duleshwar
PrasadSahu | Carica Papaya:
A Plantwith
Multiple
Benefitsfor
Human Health | International
Journal of
Research
Publicationand
Reviews,ISSN
2582-7421. Vol
5, no 3, pp266-
271 March
2024 | - | www.ijrpr
.com |
| 49. | Abinash
Satapathy,Neha
Yadav,Trilochan
Satapathy,Kalpana
Sen,Shailesh
Sahn,Ayushi Gupta,
BhartiPradhan, Shiv
KumarBhardwaj | H9N2: A
MysteriousAvian
Influenza
Virus:A Global
Threat
forRespiratoryPn
eumonia | Research
journal of
Pharmacology
andPharmacody
namics,0975-
4407 (print).
16(2):April -
June, 2024 | - | DOI:
10.52711/
2321-
5836.2024
.00023 |
| 50. | Nikita Patel
ArunKumar
Sahu,Trilochan
Satapathy,Harish
Yadu, PratibhaDhiwar | Post
vaccinationthro
mbosis
withthrombocyto
peniasyndrome:
clinicalfeatures
and
molecularsignali
ng | International
Journal of
Research
andAnalytical
Reviews,P-
ISSN 2349-
5138.
2024IJRAR
May 2024,
Volume 11,
Issue 2 | - | www.ijrar.
org |
| 51. | Darshana Rathi,Nikita
Patel,
TrilochanSatapathy | Chimeric
AntigenReceptor
T-Cells (CART-
Cells):
AnEngineered
TargetedTherapy
for Treatmentof
Cancer | Journal of Drug
Delivery
andTherapeutic
s,ISSN- 2250-
1177.
2024;14(6):274-
286 | - | DOI:
http://dx.d
oi.org/10.
22270/jddt
.v14i6.660
1 |
| 52. | Manisha
ChandrakarMohamma
d AltafKhan ,
TrilochanSatapathy ,
AshuVishwakarma
,Kalpana Sen ,
AyushiGupta ,
BhartiPradhan ,
ShaileshSahu ,
AbinashSatapathy,
KunalChandrakar | Cuproptosis: A
Copper-
Triggered
Unique
CellDeath
TargetingCancer | Journal of Drug
Delivery
andTherapeutic
s,ISSN- 2250-
1177.
2024;14(8):238-
244 | - | DOI:
http://dx.d
oi.org/10.
22270/jddt
.v14i8.675
5 |

| | | | | | |
|-----|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------|
| 53. | Trilochan Satapathy and Deepak Kumar | A Comprehensive Review and Recent Advancement in the Application of Tannins for Treating Parkinson Disease | Pharmacological Research - Modern Chinese Medicine, ISSN: 2667-1425. 12 (2024) 100499 | - | https://doi.org/10.1016/j.prmc.2024.100499 |
| 54. | Amit Roy Trilochan Satapathy, Himanshu Sahu, Pushpa Prasad Gupta | Therapeutic Potential and Benefits of Moringa oleifera: An updated Overview | Research J. Pharm. and Tech, ISSN-0974-3618 (Print). 17(8): August 2024 | Scopus | DOI: 10.52711/0974-360X.2024.00634 |
| 55. | Kalpana Sen and Trilochan Satapathy | CAR-T THERAPY: A Novel Discovery to Fight Cancer | ISCB News letter, ISSN-2349-8307 | - | - |
| 56. | Himanshu Sahu, Trilochan Satapathy, Shashikant Chandrakar, Puahpa Prasad Gupta, Poonam Sahu, Akhilesh Sahu | Formulation and evaluation of ointment containing hydroalcoholic extract derived from the bark of Moringa oleifera for wound healing activity in rat model | Journal of Applied Pharmaceutical Research, ISSN No. 2348-0335. Volume 12 Issue 4, Year of Publication 2024, Page 44 – 53. | Scopus | https://doi.org/10.69857/joapr.v12i4.556 |
| 57. | Himanshu Sahu Trilochan Satapathy, Bheklal Banjare | A comprehensive analysis of Cestrum nocturnum: Its phytochemical composition, pharmacological applications and toxicity profile | Journal of Drug Delivery and Therapeutics, ISSN- 2250-1177. 2024;14(9):215-222 | - | DOI: http://dx.doi.org/10.22270/jddt.v14i6.6771 |
| 58. | Trilochan Satapathy, Maneesh Kumar Diwakar | Molecular Targets and Nano-Technological Approaches in the Treatment of Hepatic Carcinoma | Current Cancer Drug Targets, ISSN (Print): 1568-0096. https://www.eurkaselect.com/a | 2.3 | DOI: 10.2174/0115680096336494240915164019 |

| | | | | | |
|-----|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------|
| | | ma | rticle/144265
(https://www.eurekaselect.com/article/144265)
. Published on:
30 October,
2024 | | |
| 59. | Kalpana Sen, Trilochan Satapathy | Efficient and Safe Induction of Diabetes in Experimental Animals: A Review on Alternative Models and Techniques | Journal of Lab Animal Research, ISSN: 2980-9703. 2024; 3(5): 27-39. | - | DOI: 10.58803/jlar.v3i5.47 |
| 60. | A Gupta, T Satapathy | Helicobacter Pylori-induced Duodenal Ulcer: An Experimental Animal Model for Scientific Research | Micro and Nanosystems, ISSN (Print): 1876-4029. Available online: 12 December 2024 | - | DOI: https://doi.org/10.2174/018764029337470241015100428 |
| 61. | Monika Bhairam, Akant Kumar Verma, Kajal Dewangan, Leena Daunday, Kriti Naurange. | Spirulina as functional food: insights into cultivation, production, and health benefits | Journal of Applied Pharmaceutical Research. Volume 12 Issue 5, Year of Publication 2024, Page 28 – 50 | Scopus, | https://doi.org/10.69857/joapr.v12i5.788 |
| 62. | Dr. Shiv Shankar Shukla, Priyanka Pandey and Jayeshdwivedi | Targeted approaches through nanocarriers in leukemia | African Journal of Biological Sciences. Afr.J.Bio.Sc. 6(Si2) (2024) | 1.8 | https://doi.org/10.33472/AFJBS.6.Si2.2024.1525-1532 |
| 63. | Khushbu Singh, Vikas Kumar, Amita Varma, Pushpa Prasad Gupta, Shilpa Sahu, Pooja Gadkari, Lalita | Anti-diabetic Activity of Ethanolic Extract of Rosa Centifolia and Its Purified | Journal of Chemical Health Risks. JCHR(2024) 14(4), 1529-1541 | SCOPUS | www.jchr.org |

| | | | | | |
|-----|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------|----------------------------------------|
| | Sandey | Fractions | ISSN:2251-6727 | | |
| 64. | Rakesh Sahu,Bhaskar Sahu,*, BinaGidwani | Nanostructurepr operties andpotential biomedicalapplic ations ofNelumbo nuciferaGaertn extracts | Archives of Nanomedicine & Nanotechnology. 2024;1(1):1-6. | - | DOI:10.46439/nanotech.1.001 |
| 65. | Poonam Sahu, AartiTiwari, GulshanAthbhaiya, SomnathMandol, PradeepKumar Samal* | Pharmacological Screening ofHepatoprotectiveActivity ofVanillylacetone inParacetamol InducedHepatotoxic Rats | Research J. Pharm. and Tech. Volume 12Issue 2, Year of Publication 2024, Page 93 – 108 | Scopus | DOI: 10.18231/j.joapr.2024.12.2.93.108 |

| S. No. | Year 2023 | | | | DOI |
|--------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------|
| | Author/ Author'sDetail | Title | Journal | Impact factor | |
| 66. | Vikash Sharma, Neha Dubey,Bina Gidwani, Ravindra KumarPandey, Shiv Shankar Shukla. | Analytical Review on AyurvedicPolyherbal Formulations:Churnas | Journal of Xian University ofArchitecture &Technology &ISSN No : 1006-7930. VolumeXV, Issue 11, 2023 | Scopus | - |
| 67. | Sagar Sahu , Vedika Vaishnav ,Rahul Kumar , Mahendra Sahu ,Neha Dubey , Ravindra KumarPandey , Shiv Shankar Shukla ,Bina Gidwani | An overview on molecularbiology and herbal treatment forLeptospirosis. | Journal For Basic Sciences &ISSN NO : 1006-8341. Volume23, Issue 11, 2023 | Scopus | - |
| 68. | Ramsheela Vishwakarma, BinaGidwani, | Analytical Method, Chemistryand Properties of | International Journal ofPharmaceutic | ESCI | https://doi.org/10.51847/pM87 |

| | | | | | |
|-----|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------------------------|
| | Ravindra Kumar Pandey, Shiv Shankar Shukla. | Fructose, Sucrose and Ascorbic Acid in Pear Fruit Juice | al Research and Allied Sciences & ISSN: 2277-3657. 2023, 12(3):28-45 | | lebo4e |
| 69. | Monika Bhairam, Shiv S. Shukla, Beena Gidwani, Ravindra K. Pandey. | Preparation, optimization and evaluation of dolutegravir nanosuspension: In-vitro and in-vivo characterization | Journal of Pharmaceutical Innovation & ISSN: 1872-5120. 2023 Dec; 18(4): 1798-811. | 2.6 | https://doi.org/10.1007/s12247-023-09756-z |
| 70. | Neha Dubey, Manjeet Bhardwaj, Shiv S. Shukla, Ravindra K. Pandey, Bina Gidwani. | "Validation of methyl prednisolone using Qbd approach through UV-spectroscopy." | International Journal of Recent Scientific Research & ISSN: 0976-3031. Vol. 14, Issue, 07(A), pp. 3549-3553, July, 2023 | Scopus | DOI: 10.24327/IJRSR |
| 71. | Shailesh Pradhan, Neha Dubey, Shiv Shankar Shukla, Ravindra Kumar Pandey, Bina Gidwani. | "A Review of the Fundamentals of Pharmaceutical Granulation Technology." | "International Journal of Pharmaceutical and Phytopharmacological Research (EIJPPR) & ISSN (Online) 2249-6084 (Print) 2250-1029". April 2023 Volume 13 Issue 2 Page 1-17 | ESCI | https://doi.org/10.51847/Ep1i15qVC4 |
| 72. | Neha Dubey, O. P. Agrawal, Ravindra Pandey, Shiv Shankar Shukla, Bina Gidwani. | "Pharmacokinetics, bio-distribution and in-vivo study of Rivastigmine Tartrate nanoparticles." | "Research Journal of Pharmacy and Technology & ISSN 0974-3618". 16(6): June 2023. Vol 15, Issue 3, 2023 | Scopus | DOI: 10.52711/0974-360X.2023.00432 |
| 73. | Mahendra Kumar Sahu, Neha Dubey, | "Formulation, evaluation, | Pharmacophore & ISSN: 2229- | ESCI | https://doi.org/10.51 |

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|-----|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------|
| | Ravindra Pandey, Shiv Shankar Shukla , Bina Gidwani. | and validation of microspheres of cyclophosphamide for topical delivery." | 5402. 14(1) 2023, Pages: 1-8 | | 847/e4GvuN96z |
| 74. | Sakshi Tiwari, Bina Gidwani, Vishal Jain, Veenu Joshi, Amber Vyas | Quorum Sensing In Gram-Negative Bacteria: Strategies to Overcome Antibiotic Resistance in Ocular Infections. | Current Molecular Medicine & ISSN (Print): 1566-5240. Volume 24, Issue 7, 2024 | 2.5 | DOI: 10.2174/1566524023666230727094635 |
| 75. | Neha Dubey, Bina Gidwani | Optimization and assessment of antimicrobial activity of electro crystals of levofloxacin | Journal of Xian University of Architecture & Technology & ISSN No : 1006-7930. Volume XV, Issue 7, 2023 | Scopus | - |
| 76. | Bina Gidwani, Sanjay Kumar Gupta and Jyoti Sahu | A Panoptic Review on Improvement in Chemotherapeutic Properties of Cytotoxic Drugs through Calixarene | IJPSN & Print ISSN : 0974-3278. Int J Pharm Sci Nanotech Vol 16; Issue 3, May-June 2023 | Scopus | https://doi.org/10.37285/ijpsn.2023.16.3.9 |
| 77. | Neha Dubey, Amit K. Gupta, Bina Gidwani. | Optimization, Characterization And In Vivo Study Of Rivastigmine Tartrate Nanoparticles By Using 32 Full Factorial Design For Oral Delivery. | "International Journal of Applied Pharmaceutics & ISSN: 0975-7058" Vol 15, Issue 3, 2023 | Scopus | © 2023 DOI: https://dx.doi.org/10.22159/ijap.2023v15i3.47140 |
| 78. | Monika Bhairam, Jhakeshwar Prasad, Khushboo Verma, Parag Jain , Beena Gidwani | Formulation of transdermal patch of Losartan Potassium & Glipizide for the treatment of hypertension & diabetes | Materials Today: Proceedings & ISSN 2214-7853. 2023 Jan 1; 83:59-68. | Scopus | https://doi.org/10.1016/j.matpr.2023.01.147 |
| 79. | Jyotsana Dwivedi, Pranjal Sachan, Pranay Wal, Sumeet Dwivedi, Mukesh Chandra Sharma, Surada | "Detailed review on phytosomal formulation attenuating new pharmacological therapies" | Advances in Traditional Medicine & ISSN- 26624060. 24, 659-684 | 2 | https://doi.org/10.1007/s13596-023-00712-3 |

| | | | | | |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------|
| | Prakash Rao | | | | |
| 80. | Prasanthi Samathoti, Suresh V.Chinni, V. Kishor Kumar , Mr. V.Venkateswaran , Ramenani HariBabu , Anant S. Deshpande ,Ramenani Hari Babu , SuradaPrakash Rao | Evaluation of Herbal Extracts ofMomordica Charantia andFenugreek Seeds for Management ofDiabetes | Journal of Advanced Zoology-ISSN: 0253-7214. Volume 44Issue S-3 Year 2023 Page620:626 | Scopus | - |
| 81. | Sulekha Khute, Rajendra KumarJangde, and Rajnikant Panik | "COVID-19: Current landscapeon global incidence ofneurologic features and their restorative strategies" | GSC Biological andPharmaceuti cal Sciences &2581-3250. ISSN 0976 – 044X.2022, 21(01), 197– 207 | NonInd exed | DOI:https://doi.org/10.30574/gscbps.2022.21.1.0402 |
| 82. | Renu Sharma, DishaKesharwani*, Sandhya Mishra,Maneesha Kumari | A Review on Teratogenesis:Curren t Perspective | Int. J. Pharm. Sci. Rev. Res.,ISSN: 0976 – 044X, 82(1),Septembe r – October 2023;Article No. 17, Pages: 105-111 | NonInd exed | DOI: 10.47583/ijpsrr.2023.v82i01.017 |
| 83. | Suraj Banjare, Disha Kesharwani,Sandhya Mishra*, BhumikaVerma, Kamini Verma | "Diagnosis and treatment ofmucormycosis: an intruder postCovid-19" | Asian Journal ofPharmaceutic al and clinicalresearch & ISSN 0974-2441.Vol 16, Issue 8, 2023 | NonInd exed | DOI:http://dx.doi.org/10.22159/ajpcr.2023v16i8.47828 |
| 84. | B Pandit, Y Vaishnav, S Bahadur,T Satapathy | Aminoquinoline Analogues asPotent Inhibitors ofMycobacterial DNA-GyraseB:2D and 3D-QSAR Studies | Indian Journal of HeterocyclicCh emistry -0971-1627. 2023May 31 [cited 2025 May23];16(3):6512-21. | Scopus | DOI: https://doi.org/10.37285/ijpsn.2023.16.3.5 |
| 85. | D Kesharwani, SD Paul, RPaliwal, T Satapathy | Exploring potential of diacerinnanogel for topical applicationin arthritis: Formulationdevelop ment, QbD basedoptimization and pre- | Colloids and Surfaces B:Biointerfaces , ISSN 0927-7765. 223 (2023) 113160 | 5.4 | https://doi.org/10.1016/j.colsurfb.2023.113160 |

| | | clinicalevaluation | | | |
|-----|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------|
| 86. | B Pandit, Y Vaishnav, S Bahadur, T Satapathy | 2D & 3D-QSAR Studies on aSeries of Quinoline-Amino-piperidine Derivatives as PotentMycobacteriu m DNA-Gyrase-BInhibitors | International Journal ofPharmaceutic al Sciences andNanotechnol ogy,ISSN : 0974-3278. 2023 May 31 [cited 2025May 23];16(3):6512-21. | Scopus | DOI: https://doi.org/10.37285/ijpsn.2023.16.3.5 |
| 87. | D Kesharwani, SD Paul, RPaliwal, T Satapathy | Development, QbD basedoptimization and in vitrocharacterization of Diacereinloaded nanostructured lipidcarriers for topical applications | Journal of Radiation Researchand Applied Sciences,ISSN1 687-8507. 16 (2023) 100565 | 1.773 | https://doi.org/10.1016/j.jrras.2023.100565 |
| 88. | T Satapathy, K Chandrakar, ASatapathy, N Yadav, S Singh, DKumar | Therapeutic measures forCOVID-19 and their clinicalrelevance of hERG channeltranslocation: APharmacodynamic approach | Journal of Drug Delivery andTherapeutic s,ISSN- 2250-1177. 2023; 13(11):165-175 | 0.479 | DOI: http://dx.doi.org/10.22270/jddt.v13i11.6007 |
| 89. | JPST PurabiyaP , Kaushik S,Satapathy A | Pre-Clinical Evaluation for Anti-Inflammatory, Antioxidant andAntibacterial Potential ofBoswellia seratta | Advances in Pharmacologya nd Clinical Trials,ISSN :2474-9214. Volume 8 Issue 4.2023 | - | DOI: 10.23880/apct-16000225 |
| 90. | Shiv Kumar Bhardwaj TrilochanSatapathy, Abinash Satapathy,Neha Yadav, Ansuman Satapathy,Kunal Chandrakar | Toxicity and anti-diabeticeffectiveness of polymericnanoparticl es containing naturalcompounds | Journal of Drug Delivery andTherapeutic s ,ISSN- 2250-1177. 2023; 13(12):113-124 | - | DOI: http://dx.doi.org/10.22270/jddt.v13i12.6089 |

| S. No. | Year 2022 | | | | DOI |
|--------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------|
| | Author/
Author'sDetail | Title | Journal | Impact factor | |
| 91. | Swati Pandey, RavindraPandey, Shiv Shankar Shukla | Spectroscopic Substantiation for theIdentification of Degradants by Q-TOFMicromass (ESI-MS) in BisoprololFumarate with an Inventive ValidationApproach for Stability Indicating HPLCMethod, | Indian Journal ofPharmac eutical Educationa nd Research. Vol 56 Issue 1 Jan-Mar, 2022 | 0.8 | DOI: 10.5530/ij per.56.1.3 2 |
| 92. | Swati Pandey, RavindraPandey, Shiv Shankar Shukla | Surveillance of Stability under DifferentStress Conditions in Desloratadine andStudy of Degradation Kinetics doi:10.1093/jaoacint/ qsac010. | Journal of AOACInter national. Vol. 00, No. 0,2022 | 2.02 | https://doi.org/10.1093/jaoacint/qsac010 |
| 93. | Bina Gidwani, RuchiBhattacharya, Shiv ShankarShukla, Ravindra KumarPandey | Indian spices: past, present and futurechallenges as the engine for bio-enhancement of drugs: impact ofCOVID-19 | Journal of the Science ofFood and Agriculture . 2022Jun;102(8):3065-3077. | 4.12 | DOI 10.1002/js fa.11771 |
| 94. | Swati Pandey, Himani Kanwar,Ravindra Kumar Pandey, ShivShankar Shukla | Versatile Approaches For AnalyticalMethod Validation Of Anticancer Drugs:A Review | Indian Drugs. Year 2022 Volume No. 59 Issue No.6 Page No. 7-22 | ESCI | https://doi.org/10.53879/id.59.06.12329 |
| 95. | Himani Kanwar, Swati Pandey,Ravindra Pandey, Shiv ShankarShukla | A Validated Method Development forEstimation of Bendamustine HCl in Bulkand Solid Dosage Form by 1st OrderDerivative Spectroscopy | Indian Drugs. 59(11):88-90 | Scopus | DOI:10.53879/id.59.11.12197 |

| | | | | | |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------|-------------------------------------------|
| 96. | Priya Namdeo, Bina Gidwani, bSakshi Tiwari, a Vishal Jain, Veenu Joshi, Shiv Shankar Shukla, Ravindra Kumar Pandeyb and Amber Vyas | Therapeutic potential and novel formulations of ursolic acid and its derivatives: an updated review | J Sci Food Agric. 2023Jul;103(9):4275-4292. | 0.81 | DOI 10.1002/jsfa.12423 |
| 97. | Diksha Singh, Kashmira JGohil, Vikash Sharma, ShivShankar Shukla | In vivo wound Healing Activity of Ointment based Formulation for Prunus amygdalus (Batsch.) on Rats | Indian Journal of Pharmaceutical Education and Research. Vol 56 Issue 1 Jan-Mar, 2022 | 0.8 | DOI: 10.5530/ijper.56.1.21 |
| 98. | Alok Singh Thakur, Rahul Kumar, Nityapal Singh, Lokkanya Dewangan, Anchal Verma, Mukesh Kr. Singh, Vaibhav Tiwari, Vinay Sagar Verma, Hemant Ramchandra Badwaik | Synthesis and Biological Evaluation of Benzoxazole Containing β -Lactam Compounds | Jundishapur Journal of Microbiology. Vol. 15, No.1(2022) | Scopus | - |
| 99. | Wamankar Suchita, Sahu Tilotma, Shrivastava Saurabh, Kumar Abhishek, Sahu Sagar, Kumar Lokesh | Molecular elucidation and therapeutic targeting for combating COVID-19: Current scenario and future Prospective | Current Molecular Medicine. 2022;22(10):894-907. | 2.6 | DOI:10.2174/1566524021666210203113849 |
| 100. | Arindam Bit, Sharda Gupta, Pallab Dutta, Veena Acharya, Pushpa Prasad, Amit Roy | Accelerating skin barrier repair using novel bioactive magnesium-doped nanofibers of non-mulberry silk fibroin during wound healing
doi.org/10.1177/08839115211061737 | Journal of Bioactive and Compatible Polymers. Volume 37, Issue 1 | 2.13 | https://doi.org/10.1177/08839115211061737 |
| 101. | Monika Bhairam, Shiv Shankar Shukla, Beena Gidwani, Ravindra Kumar | Enhanced solubility and bioavailability of ranolazine by solid dispersion method in | International journal of healthscien | Scopus | https://doi.org/10.53730/ijhs.v6nS6.1044 |

| | | | | | |
|------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------|
| | Pandey | vitro and in vivo evaluation | ces. 6(S6), 3729–3748. | | 5 |
| 102. | Bishnu Prasad Sahu, Biplab Kumar Dey, Bibekananda Meher | Review on Different Herbal Anti-Diabetic Drugs And Their Mechanism of Action | International Journal of All Research Education and Scientific Methods. Volume 10, Issue 5, May-2022, | ESCI | www.ijaresm.com |
| 103. | Sharda Gupta, Pushpa Prasad, Amit Roy, Mohammad Mahtab Alam, Irfan Ahmed and Arindam Bit | Metallic ion-based graphene oxide functionalized silk fibroin-based dressing promotes wound healing via improved bactericidal outcomes and faster re-epithelization | Biomedical Materials. 2022 Apr 20;17(3). | 4.13 | doi: 10.1088/1748-605X/ac64dd. |
| 104. | Upasana singh, Dhanesh Kumar, Pratiksha Fulzele, Akhilesh Kumar | Comprehensive Review on Vascular dementia Disease: Treatment and Recommendation for future research | International Journal of Pharmaceutical Research and Applications. Volume 7, Issue 4 July-Aug 2022, pp:1533-1541 | - | www.ijprajournal.com |
| 105. | Disha Kesharwani, Sandhya Mishra | PHYTOMEDICINES FOR COVID-19: OPPORTUNITIES AND OBSTACLES | IJPSR, 2022; Vol. 13(9):3433-3438. | - | DOI: 10.13040/IJPSR.0975-8232.13(9).3433-38 |
| 106. | Gaurishankar Yadav, Gunjan Kalyani | The Concept, Assessment and Applicability (CAA) of Plagiarism | International Journal of Pharmaceutical Sciences and Research | - | DOI: 10.13040/IJPSR.0975-8232.13(9).3433-23 |

| | | | | | |
|------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------|---------------------------------------------|
| | | | h (IJPSR) 2022; Vol. 12(2): 3343-3448. | | |
| 107. | Gaurishankar Yadav, Gunjan Kalyani | Delineation on Drug Regulatory Agencies with special reference to Europe and India | International Journal of Pharmaceutical Sciences and Research (IJPSR) 2022; Vol. 12(1): 3983-3487. | - | DOI: 10.13040/IJPSR.0975-8232.13(9).3433-65 |
| 108. | Monika Bhairam, Shiv S. Shukla, Beena Gidwani, Ravindra K. Pandey | Solid Dispersion of Dolutegravir: Formulation Development, Characterization, and Pharmacokinetic Assessment | IJPQA, 2022; 13(4): 496-503. | Scopus | DOI: 10.25258/ijpqa.13.4.24 |

• **List Of Students Awarded Ph.D**

| S. No. | Name of Scholar | Registration year | Name of Supervisor or/ Co-Supervisor | Year Awarded | Title of Thesis |
|--------|--------------------------|-------------------|--------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------|
| 1. | Mr. Sanjib Bahadur | 2015-2016 | Dr. Amit Roy - Supervisor | 2018 | Development of Antidiabetic Oral Tablets by using Functional Polysaccharides |
| 2. | Mrs. Pushpa Prasad Gupta | 2015 – 2016 | Dr. Amit Roy - Supervisor | 2018 | Evaluation of Antidiabetic Potential of Calocybe Indica and Volvariella Volvacea and Study of their Mechanism of Action |
| 3. | Mr. Suman Saha | 2015 – 2016 | Dr. Amit Roy - Supervisor | 2019 | Development of Oral Dosage form containing Phytoconstituents- as Adjuvant or Neoadjuvant Therapy for Malignant Neoplasm |
| 4. | Mr. Shashika | 2015 – 2016 | Dr. Amit Roy - Supervisor | 2019 | Development and Study of |

| | | | | | |
|-----|----------------------|------------|-----------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| | nt Chandrakar | | | | Microemulsion and Gel based Ocular Formulation of Fluoroquinolone Derivatives |
| 5. | Mr. Ananta Choudhury | 2015 -2016 | Dr. Amit Roy - Supervisor | 2019 | Development and Standardization of Semisolid Dosage Form using Phytoconstituent along with Standard drug for Vaginal infections |
| 6. | Ms. Pragya Baghel | 2016-2017 | Dr. Trilochan Satapathy - Co-Supervisor | 2022 | Development of Self-Emulsifying Drug Delivery System for Some Antineoplastic Drugs |
| 7. | Mr. Parag Jain | 2016-2017 | Dr. Ravindra Kumar Pandey –Supervisor
Dr. Trilochan Satapathy - Co-Supervisor | 2022 | Evaluation of Acaricidal Activity of some Natural Cholinomimetic Agents |
| 8. | Mr. Ashish Majumdar | 2016-2017 | Dr. Ravindra Kumar Pandey –Supervisor
Dr. Shiv Shankar Shukla - Co-Supervisor | 2023 | Scientific Validation & Development of Suitable Formulation of Indigenous Drugs used for Malnutrition and Immunomodulatory Activity |
| 9. | Ms. Swati Pandey | 2016-2017 | Dr. Shiv Shankar Shukla – Supervisor
Dr. Ravindra Kumar Pandey - Co-Supervisor | 2023 | Methods Development and Characterization of Impurities in Drug Samples by using Modern Analytical Techniques |
| 10. | Ms. Monika Bhairam | 2016-2017 | Dr. Ravindra Kumar Pandey –Supervisor
Dr. Shiv Shankar Shukla - Co-Supervisor | 2023 | Development of Nanocarrier Mediated Delivery System to Enhance Solubility of Some Poorly Soluble Drugs |
| 11. | Ms. Disha Kesharwani | 2016-2017 | Dr. Trilochan Satapathy - Co-Supervisor | 2024 | Development & Characterization of Nanocarrier System of Diacerein for Topical Application |
| 12. | Mr. Vikash Sharma | 2016-2017 | Dr. Ravindra Kumar Pandey | <i>THESSUBMITTED</i> | Development of Phytopharmaceuticals as alternative therapeutic Strategies for the treatment of inflammation |

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|-----|--------------------|-----------|---------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------|
| | | | | | andArthritis |
| 13. | Mr. Pankaj Kashyap | 2016-2017 | Dr. S Prakash Rao | THESSUBMIT TED | Design Synthesis and Evaluation of Anticancer Activity ofsome Novel Indole Derivatives |
| 14. | Mr. Bibhas Pandit | 2016-2017 | Dr. Yogesh Vaishnav/Dr. TrilochanSatap athy | THESSUBMIT TED | Computational Design Synthesis and In-vitro BiologicalEvaluation of some Npvel DNA Gyrase-B inhibitors asAntitubercular Agent |

5.7.2 Sponsored Research (10)
Institute Marks (10)

(Provide a list with Project Title, Funding Agency, Amount and Duration)
Funding amount (Cumulative during assessment years):

Amount > 25 Lacs – 10 Marks

Amount >= 22 Lacs and <= 25 lacs – 9 Marks

Amount >= 19 Lacs and < 22 lacs – 8 Marks

Amount >= 16 Lacs and < 19 lacs – 7 Marks

Amount >= 13 Lacs and < 16 lacs – 6 Mark

Amount >= 10 Lacs and < 13 lacs – 5 Marks

Amount >= 08 Lacs and < 10 lacs – 4 Mark

Amount >= 06 Lacs and < 08 lacs – 3 Mark

Amount >= 05 Lacs and < 06 lacs – 2 Marks

Amount >= 04 Lacs and < 05 lacs – 1 Mark

Amount <= 4 Lacs – 0 Mark

2024-25

| Project Title | Duration | Funding Agency | Amount (in Rupees) |
|---------------|----------|----------------|------------------------------|
| 00 | 0 | 0 | 0.00 |
| | | | Total Amount(X): 0.00 |

2023-24

| Project Title | Duration | Funding Agency | Amount (in Rupees) |
|---------------|----------|----------------|--------------------|
| | | | |
| | | | |

2022-23

| Project Title | Duration | Funding Agency | Amount (in Rupees) |
|--------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------|----------------------------------------|
| Ex-situ conservation strategies of some scientifically validated medicinal plants indigenous to Chhattisgarh State | 01 year | State Planning Commission, Raipur | 500000.00 |
| Zero level | 05 years | DST-FIST | 6000000.00 |
| | | | Total Amount(Z):
6500000.00 |

Cumulative Amount(X + Y + Z) = 6500000.00
5.7.3 Consultancy (from Industry) (10)

Institute Marks (3)

(Provide a list with Project Title, Funding Agency, Amount and Duration)

Funding Amount (Cumulative during assessment years):

Amount > 25 Lacs – 10 Marks

Amount >= 22 Lacs and <= 25 lacs – 9 Marks

Amount >= 19 Lacs and < 22 lacs – 8 Marks

Amount >= 16 Lacs and < 19 lacs – 7 Marks

Amount >= 13 Lacs and < 16 lacs – 6 Mark

Amount >= 10 Lacs and < 13 lacs – 5 Marks 26

Amount >= 08 Lacs and < 10 lacs – 4 Mark

Amount >= 06 Lacs and < 08 lacs – 3 Mark

Amount >= 05 Lacs and < 06 lacs – 2 Marks

Amount >= 04 Lacs and < 05 lacs – 1 Mark

Amount <= 4 Lacs – 0 Mark

2024-25

| Project Title | Duration | Funding Agency | Amount (in Rupees) |
|---------------------------------------------------------------------------|----------|----------------|---------------------------------------|
| Estimation of Biochemical parameters in some marketed herbal formulations | 1 year | Sonal Industry | 750000.00 |
| | | | Total Amount(X):
750000.00 |

2023-24

| Project Title | Duration | Funding Agency | Amount (in Rupees) |
|---------------|----------|----------------|--------------------|
| | | | |
| | | | |

2022-23

| Project Title | Duration | Funding Agency | Amount (in Rupees) |
|---------------|----------|----------------|--------------------|
| | | | |
| | | | |

Cumulative Amount(X + Y + Z) = 750000.00
**5.7.4 Honorary Consultancy from Central/State/Local Government Organizations
(5)**

| |
|---------------------|
| Institute Marks (5) |
|---------------------|

It includes following -
As external in practical exams
Outsource sample from other colleges/institute and university using instruments
Animal study (in-vivo Protocol) in our laboratory
AS PCI Inspector, CSVTU Inspector, IAEC member of university and institutes.
Outsourcing Projects
Central Instrument Room (2024-25)

| S. No. | Date | Instrument | From | Name of Institute | Amount received |
|--------|------------|------------|----------------------------------|--------------------------------------------------------|-----------------|
| | | | Ph.D Scholar/
M.Pharm Scholar | | |
| 1. | 05/04/2025 | Zetasizer | Neelesh Singh
(ph.DScholar) | Shri Shankaracharya Professional University,Bhilai, CG | 2000 |

| | | | | | |
|----|------------|------|----------------------------------------|--------------------------------------|------|
| 2. | 24/10/2024 | HPLC | Neelam Chandrakar
(M.Pharm Scholar) | KIPS-SSPU | 3000 |
| 3. | 24/10/2024 | HPLC | Rashmi Chanda
(M.Pharm Scholar) | KIPS-SSPU | 4000 |
| 4. | 23/10/2024 | HPLC | Harshlata Kanwar
(M.Pharm Scholar) | KIPS-SSPU | 2000 |
| 5. | 29/08/2024 | FTIR | Sachin Biswal
(M.Pharm Scholar) | Royal College of
Pharmacy, Raipur | 700 |

Central Instrument Room (2023-24)

| S.
No. | Date | Instrument | From | Name of Institute | Amount
received |
|-----------|------------|------------------------------|------------------------------------------|---------------------------------------|--------------------|
| | | | Ph.D Scholar/
M.Pharm Scholar | | |
| 1. | 15/04/2024 | UV-
Vis spectrophotometer | Deepak
Chandrakar(B.Pharm
, 8 sem) | ISBM
University,Gariya
band, CG | 1000 |
| 2. | 27/02/2024 | FTIR | Monika Gondane
(MD 2Year) | Govt.
Ayurvedic college,
Raipur | 2500 |
| 3. | 24/08/2023 | Zetasizer | Harish Bhardwaj
(ph.D Scholar) | Pt. RSU, Raipur | 500 |

Central Instrument Room (2022-23)

| S.
No. | Date | Instrument | From | Name of Institute | Amount
received |
|-----------|------------|------------|------------------------------------------|----------------------------------------------|--------------------|
| | | | Ph.D Scholar/
M.Pharm Scholar | | |
| 1. | 22/05/2023 | Zetasizer | Manisha Sharma
(M.Pharm Scholar) | Royal College of
Pharmacy, Raipur | 1000 |
| 2. | 23/03/2023 | FTIR | Deepak Patel
(B.Pharm,
8 Semester) | Shri
Rawatpurasarkar
University,Raipur | 1500 |
| 3. | 23/03/2023 | FTIR | Harsh Dewangan
(B.Pharm, 8 Semester) | Shri
Rawatpurasarkar
University,Raipur | 1500 |
| 4. | 08/09/2022 | Zetasizer | Narayan Hemnani
(Ph.D Scholar) | Pt.RSU, Raipur | 1400 |

Animal House (2023-24)

| S. No. | Name of Students | Work/ Study Name | Date | Class/ Institute/University | Animal Used | Amount |
|--------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------|------------------------|--------|
| 1. | Dr. Suman Chandra | An experimental dermal safety Study of dhatu and tail in rats and its clinical efficacy in vipadika through local application | 17/01/2023 | Dept. Of Agad Tantra Evam Vidhi Ayurved Shri N.P.A.G ovt Ayurvedic College Raipur (C.G.) | Wistar Albino Rat - 06 | 4200 |
| 2. | Dr. Ramshankar Sharaff | “An acute and sub-acute toxicity of jwaraya gad (A compound Ayurvedic Formulation) in rats” | 23/01/2023 | Dept Of Agad Tantra Evam Vidhi Ayurved Shri N.P.A.G ovt Ayurvedic College Raipur (C.G.) | Wistar Albino Rat - 06 | 4200 |
| 3. | Dr. Pankaj Kumar Singh | “Evaluation of acute & sub - acute dermal toxicity study of bhallataka tail in (A Compound Ayurvedic Formulation) in rats” | 20/01/2023 | Dept Of Agad Tantra Evam Vidhi Ayurved Shri N.P.A.G ovt Ayurvedic College Raipur (C.G.) | Wistar Albino Rat - 02 | 1400 |
| 4. | Dr. Pushpa Sahu | Experimental Dermal Toxicity Study Of Adityapaka Tail (A Compound Ayurvedic Formulation) In Wistar Albino Rat's | 20/12/2023 | Govt. Ayurvedic College Raipur (C.G.) | Wistar Albino Rat - 30 | 21,000 |
| 5. | Dr. Satish Kumar Dwivedi | Safety Study And In – Vitro Evaluation | 20/12/2023 | Govt. Ayurvedic College Raipur | Wistar Albino Rat - 24 | 16,800 |

| | | | | | | |
|--|--|--------------------------------------------------|--|-----------|--|--|
| | | OfAntifungal
Activity
OfDhatrayadi
Lepa | | ur (C.G.) | | |
|--|--|--------------------------------------------------|--|-----------|--|--|

Animal House (2024-25)

| S. No. | Name of Students | Work/ Study Name | Date | Class/ Institute/University | Animal Used | Amount |
|--------|---------------------|-----------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------|----------------------|--------|
| 1. | Dr Garima Singh | Evaluated the efficacy of Marichyadi Lepain honey bee sting venom (A PreclinicalStudy) | 27/05/2024 | Govt. Ayurvedic College Raipur (C.G..) | Swiss Mice - 20 | 10,000 |
| 2. | Dr. Shivani Banjara | An Experimental Study Of Anti -Inflammatory Effect Of Shothari Rasa InAmavata W.S.R. To Rheumatoid Arthritis | 27/05/2024 | Govt. Ayurvedic College | Wistar Albino Rat-20 | 14,000 |
| 3. | Mr. Ravi Das | Antioxidant potentiality of Amorphophallus margaritifera and its protective role in Cisplatin Inducednephro toxicity. | 03/12/2024 | Research Scholar Department OfBiotechnology Guru GhasidasVishwavidyalaya Bilaspur (C.G.) | Swiss Mice 40 | 20,000 |

Animal House (2025-26)

| S. No. | Name of Students | Work/ Study Name | Date | Class/ Institute/University | Animal Used | Amount |
|---------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------|----------------------|---------------|
| 1. | Dr. Saumya Dutta | “An Experimental Dermal Toxicity Study Of Manahsiladi Tail (A Compound Ayurvedic Formulation) In Wistar Albino Rats.” | 27/03/2025 | Govt. Ayurvedic College Raipur (C.G.) | Wistar Albino Rat 08 | 5,600 |
| 2. | Dr. Ambika Kumari Thakur | Visha Gutika Ka Teevra Evam Upteevra Mukhagat Vishaktata Me Wistar Albino Rats Par Prayogatmak A dhyayan | 27/03/2025 | Govt. Ayurvedic College Raipur (C.G.) | Wistar Albino Rat 12 | 8,400 |
| 3. | Dr. Sunanda Chaturvedi | Evaluation of acute and sub-acute oral toxicity study of Ajirna Kantaka Rasa in Wister Albini | 09/04/2025 | Govt. Ayurvedic College Raipur (C.G.) | Wistar Albino Rat 12 | 8,400 |

Viva Voce Examinations attended by the Faculties of the Institute -
Academic Year 2024-25

| S. No. | Name of Faculty | Subject & Course | Complete Address of Institute/College/University | | |
|--------|-----------------------------|-------------------|------------------------------------------------------------|-----------|-------|
| | | | Name | District | State |
| 1. | Mr. Gunjan Kalyani | Documentation | Chhattisgarh Swami Vivekanand Technical University, Bhilai | Durg | C.G |
| 2. | Mr. Gunjan Kalyani | As External | Rungta Institute of Pharmaceutical Sciences, Bhilai | Durg | C.G |
| 3. | Prof. Trilochan Satapathy | M.Pharm Viva Voce | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 4. | Ms. Shilpa Sahu | As External | RITEE College of Pharmacy | Raipur | C.G |
| 5. | Ms. Manisha Verma | As External | Gracious College of Pharmacy | Raipur | C.G |
| 6. | Mr. Shailendra Kumar Sharma | As External | Gracious College of Pharmacy | Raipur | C.G |
| 7. | Prof. Trilochan Satapathy | As External | University College of Pharmacy | Durg | C.G |
| 8. | Mr. Sagar Sahu | As External | Danteshwari College of Pharmacy | Jagdalpur | C.G |
| 9. | Mr. Mahendra Kumar Sahu | As External | MAK Azad College of Pharmacy | Raipur | C.G |
| 10. | Mr. Rahul Goswami | As External | MAK Azad College of Pharmacy | Raipur | C.G |
| 11. | Mr. Shailendra Kumar Sharma | As External | Rungta College of Pharmaceutical Sciences | Raipur | C.G |
| 12. | Mr. Mahendra Kumar Sahu | As External | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 13. | Ms. Bhumika Verma | As External | MAK Azad College of Pharmacy | Raipur | C.G |
| 14. | Ms. Bhumika Verma | As External | Gracious College of Pharmacy | Raipur | C.G |
| 15. | Ms. Bhumika Verma | As External | Royal College of Pharmacy | Raipur | C.G |
| 16. | Dr. Neha Dubey | As External | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 17. | Mr. Shailendra Kumar Sharma | As External | Shri Sai Pharmacy College | Durg | C.G |
| 18. | Dr. Disha Kesharwani | As External | Royal College of Pharmacy | Raipur | C.G |
| 19. | Dr. Beena Gidwani | As External | Royal College of Pharmacy | Raipur | C.G |

CRITERION 5: FACULTY INFORMATION AND CONTRIBUTIONS

| | | | | | |
|-----|---------------------------|--------------------------|------------------------------------------------------------|----------|-----|
| 20. | Mr. Rahul Goswami | As External | Gracious College of Pharmacy | Raipur | C.G |
| 21. | Mr. Sagar Sahu | As External | Rungta Institute of Pharmaceutical Sciences, Bhilai | Durg | C.G |
| 22. | Prof. Ravindra Pandey | M.Pharm Viva Voce | Oriental University | Indore | M.P |
| 23. | Mr. Sagar Sahu | NSS Workshop | Chhattisgarh Swami Vivekanand Technical University, Bhilai | Durg | C.G |
| 24. | Dr. Beena Gidwani | IAEC Meeting | School of Pharmacy Chouksey Engineering College | Bilaspur | C.G |
| 25. | Mr. Gunjan Kalyani | As External | Gracious College of Pharmacy | Raipur | C.G |
| 26. | Mr. Gunjan Kalyani | As External | Shri Rawatpura Sarkar University | Raipur | C.G |
| 27. | Dr. Neha Dubey | As External | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 28. | Dr. Shashikant Chandrakar | As External | Shri Rawatpura Sarkar University | Raipur | C.G |
| 29. | Ms. Poonam Sahu | As External | RITEE College of Pharmacy | Raipur | C.G |
| 30. | Prof. Trilochan Satapathy | Workshop | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 31. | Ms. Poonam Sahu | As External | Anjaneya University | Raipur | C.G |
| 32. | Mr. Sagar Sahu | As External | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 33. | Mr. Sagar Sahu | As External | RITEE College of Pharmacy | Raipur | C.G |
| 34. | Ms. Sandhya Mishra | As External | Royal College of Pharmacy | Raipur | C.G |
| 35. | Ms. Shilpa Sahu | As External | Gracious College of Pharmacy | Raipur | C.G |
| 36. | Dr. Beena Gidwani | INCON25 | Anjaneya University | Raipur | C.G |
| 37. | Dr. Monika Bhairam | As External | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 38. | Dr. Beena Gidwani | As External | Pt. Ravishankar Shukla University | Raipur | C.G |
| 39. | Prof. Trilochan Satapathy | International Conference | Kalinga University | Raipur | C.G |
| 40. | Mr. Gunjan Kalyani | As External | Chhatrapati Shivaji Institute of Pharmacy | Durg | C.G |
| 41. | Mr. Sagar Sahu | As External | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 42. | Dr. Shashikant Chandrakar | As External | Rungta College of Pharmaceutical Sciences | Raipur | C.G |
| 43. | Mr. Piyush Sahu | As External | Gracious College of | Raipur | C.G |

| | | | | | |
|-----|---------------------------|------------------|--------------------------------|--------|-----|
| | | | Pharmacy | | |
| 44. | Ms. Shilpa Sahu | As External | Royal College of Pharmacy | Raipur | C.G |
| 45. | Prof. Trilochan Satapathy | As External | University College of Pharmacy | Durg | C.G |
| 46. | Dr. Disha Kesharwani | As External | Royal College of Pharmacy | Raipur | C.G |
| 47. | Prof. Trilochan Satapathy | CSV TU Statue 19 | Balaji Institute of Pharmacy | Raipur | C.G |

Academic Year 2023-24

| S. No. | Name of Faculty | Subject & Course | Complete Address of Institute/College/University | | |
|--------|---------------------------|--------------------|------------------------------------------------------------------------------|-----------|-------|
| | | | Name | District | State |
| 1. | Dr. S Prakash Rao | As External | Shri Shankaracharya Institute of Pharmaceutical Sciences and Research Bhilai | Durg | C.G |
| 2. | Mr. Sagar Sahu | As External | Danteshwari College of Pharmacy | Jagdalpur | C.G |
| 3. | Mr. Shiv Kumar Bharadwaj | As External | RITEE College of Pharmacy | Raipur | C.G |
| 4. | Mr. Gunjan Kalyani | As External | Rungta Institute of Pharmaceutical Sciences, Bhilai | Durg | C.G |
| 5. | Mr. Rahul Goswami | As External | RITEE College of Pharmacy | Raipur | C.G |
| 6. | Dr. Rajni Kant Panik | As External | Pt. Ravishankar Shukla University | Raipur | C.G |
| 7. | Dr. Beena Gidwani | As External | Pt. Ravishankar Shukla University | Raipur | C.G |
| 8. | Mr. Sagar Sahu | As External | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 9. | Mr. Akhilesh Kumar | As External | Chhatrapati Shivaji Institute of Pharmacy | Durg | C.G |
| 10. | Mr. Akhilesh Kumar | As External | Apollo College of Pharmacy | Durg | C.G |
| 11. | Mr. Mahendra Kumar Sahu | As External | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 12. | Prof. Shiv Shankar Shukla | Central Evaluation | Pt. Ravishankar Shukla University | Raipur | C.G |
| 13. | Mr. Gunjan Kalyani | As External | RITEE College of Pharmacy | Raipur | C.G |
| 14. | Mr. Gunjan Kalyani | As External | Rungta Institute of Pharmaceutical | Durg | C.G |

CRITERION 5: FACULTY INFORMATION AND CONTRIBUTIONS

| | | | | | |
|-----|-----------------------------|--------------------------|---------------------------------------------|-----------|-----|
| | | | Sciences, Bhilai | | |
| 15. | Ms. Bhumika Verma | As External | Royal College of Pharmacy | Raipur | C.G |
| 16. | Mr. Shiv Kumar Bharadwaj | As External | RITEE College of Pharmacy | Raipur | C.G |
| 17. | Ms. Shilpa Sahu | As External | Gracious College of Pharmacy | Raipur | C.G |
| 18. | Dr. Rajni Kant Panik | Central Evaluation | Pt. Ravishankar Shukla University | Raipur | C.G |
| 19. | Dr. Disha Kesharwani | International Conference | Shri Shankaracharya Professional University | Durg | C.G |
| 20. | Ms. Sandhya Mishra | International Conference | Shri Shankaracharya Professional University | Durg | C.G |
| 21. | Dr. Beena Gidwani | CGCOST National Seminar | Gracious College of Pharmacy | Raipur | C.G |
| 22. | Dr. Beena Gidwani | As External | Sarvepalli Radhakrishnan University | Bhopal | M.P |
| 23. | Ms. Bhumika Verma | As External | Royal College of Pharmacy | Raipur | C.G |
| 24. | Ms. Poonam Sahu | As External | Kamlakant Shukla Institute | Bhatapara | C.G |
| 25. | Ms. Renuka Verma | As External | RITEE College of Pharmacy | Raipur | C.G |
| 26. | Ms. Bhumika Verma | As External | MAK Azad College of Pharmacy | Raipur | C.G |
| 27. | Dr. Neha Dubey | As External | Sarvepalli Radhakrishnan University | Bhopal | M.P |
| 28. | Dr. Rajni Kant Panik | As External | Rungta College of Pharmaceutical Sciences | Raipur | C.G |
| 29. | Ms. Sandhya Mishra | As External | Royal College of Pharmacy | Raipur | C.G |
| 30. | Prof. Shiv Shankar Shukla | Central Evaluation | Pt. Ravishankar Shukla University | Raipur | C.G |
| 31. | Dr. Beena Gidwani | Central Evaluation | Pt. Ravishankar Shukla University | Raipur | C.G |
| 32. | Mr. Sagar Sahu | As External | Royal College of Pharmacy | Raipur | C.G |
| 33. | Dr. Rajni Kant Panik | As External | Royal College of Pharmacy | Raipur | C.G |
| 34. | Prof. Ravindra Kumar Pandey | As External | Apollo College of Pharmacy | Durg | C.G |
| 35. | Prof. Shiv Shankar Shukla | As External | Pt. Ravishankar Shukla University | Raipur | C.G |
| 36. | Mr. Shiv Kumar | As External | RITEE College of | Raipur | C.G |

| | | | | | |
|-----|---------------------------|-------------|---------------------------------------------|-----------|-----|
| | Bharadwaj | | Pharmacy | | |
| 37. | Mr. Mahendra Kumar Sahu | As External | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 38. | Dr. S Prakash Rao | As External | Apollo College of Pharmacy | Durg | C.G |
| 39. | Dr. Rajni Kant Panik | As External | Rungta College of Pharmaceutical Sciences | Raipur | C.G |
| 40. | Dr. Rajni Kant Panik | As External | University College of Pharmacy | Durg | C.G |
| 41. | Prof. Trilochan Satapathy | As External | Rungta College of Pharmaceutical Sciences | Raipur | C.G |
| 42. | Mr. Gunjan Kalyani | As External | Chhatrapati Shivaji Institute of Pharmacy | Durg | C.G |
| 43. | Prof. Shiv Shankar Shukla | As External | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 44. | Mr. Rahul Goswami | As External | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 45. | Ms. Disha Kesharwani | As External | Royal College of Pharmacy | Raipur | C.G |
| 46. | Ms. Manisha Verma | As External | RITEE College of Pharmacy | Raipur | C.G |
| 47. | Dr. Beena Gidwani | As External | Pt. Ravishankar Shukla University | Raipur | C.G |
| 48. | Prof. Trilochan Satapathy | As External | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 49. | Dr. S Prakash Rao | As External | Pt. Ravishankar Shukla University | Raipur | C.G |
| 50. | Prof. Shiv Shankar Shukla | As External | Pt. Ravishankar Shukla University | Raipur | C.G |
| 51. | Mr. Shiv Kumar Bharadwaj | As External | Shri Rawatpura Sarkar University | Raipur | C.G |
| 52. | Mr. Sagar Sahu | As External | Shri Rawatpura Sarkar University | Raipur | C.G |
| 53. | Prof. Shiv Shankar Shukla | As External | Shri Rawatpura Sarkar University | Raipur | C.G |
| 54. | Mr. Mahendra Kumar Sahu | As External | Shri Rawatpura Sarkar University | Raipur | C.G |
| 55. | Mr. Gunjan Kalyani | As External | Shri Rawatpura Sarkar University | Raipur | C.G |
| 56. | Dr. Beena Gidwani | As External | Shri Rawatpura Sarkar University | Raipur | C.G |
| 57. | Prof. Trilochan Satapathy | As External | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 58. | Ms. Poonam Sahu | As External | Kamlakant Shukla Institute | Bhatapara | C.G |
| 59. | Ms. Poonam Sahu | As External | Royal College of | Raipur | C.G |

| | | | | | |
|-----|-----------------------------|-------------|-------------------------------------------|--------|-----|
| | | | Pharmacy | | |
| 60. | Prof. Ravindra Kumar Pandey | As External | Apollo College of Pharmacy | Durg | C.G |
| 61. | Mr. Gunjan Kalyani | As External | Chhatrapati Shivaji Institute of Pharmacy | Durg | C.G |
| 62. | Mr. Gunjan Kalyani | As External | Gracious College of Pharmacy | Raipur | C.G |
| 63. | Mr. Sagar Sahu | As External | Gracious College of Pharmacy | Raipur | C.G |

Academic Year 2022-23

| S. No. | Name of Faculty | Subject & Course | Complete Address of Institute/College/University | | |
|--------|-------------------------|------------------|--------------------------------------------------|-----------|-------|
| | | | Name | District | State |
| 1. | Dr. Bibekanand Meher | IAEC Meeting | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 2. | Dr. Rajni Kant Panik | As External | RITEE College of Pharmacy | Raipur | C.G |
| 3. | Mr. Sagar Sahu | As External | Shri Rawatpura Sarkar University | Raipur | C.G |
| 4. | Mr. Sagar Sahu | As External | Danteshwari College of Pharmacy | Jagdalpur | C.G |
| 5. | Mr. Rahul Goswami | As External | Danteshwari College of Pharmacy | Jagdalpur | C.G |
| 6. | Mr. Akhilesh kumar | As External | M J College of Pharmacy | Durg | C.G |
| 7. | Ms. Ruchi Bhattacharya | As External | Royal College of Pharmacy | Raipur | C.G |
| 8. | Ms. Renuka Verma | As External | Rungta College of Pharmaceutical Sciences | Raipur | C.G |
| 9. | Mr. Sagar Sahu | As External | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 10. | Mr. Manindra Mahapatra | As External | Rungta College of Pharmaceutical Sciences | Raipur | C.G |
| 11. | Ms. Bhumika Verma | As External | Royal College of Pharmacy | Raipur | C.G |
| 12. | Mr. Akhilesh kumar | As External | Royal College of Pharmacy | Raipur | C.G |
| 13. | Mr. Akhilesh kumar | As External | M J College of Pharmacy | Durg | C.G |
| 14. | Mr. Akhilesh kumar | As External | Chhatrapati Shivaji Institute of Pharmacy | Durg | C.G |
| 15. | Mr. Mithlesh Chandrakar | As External | Royal College of Pharmacy | Raipur | C.G |
| 16. | Prof. Shiv Shankar | As External | Royal College of | Raipur | C.G |

CRITERION 5: FACULTY INFORMATION AND CONTRIBUTIONS

| | | | | | |
|-----|-----------------------------|-------------|------------------------------------------------------------------------------|------------|-----|
| | Shukla | | Pharmacy | | |
| 17. | Dr. Beena Gidwani | As External | Royal College of Pharmacy | Raipur | C.G |
| 18. | Ms. Ruchi Bhattacharya | As External | Shri Shankaracharya Institute of Pharmaceutical Sciences and Research Bhilai | Durg | C.G |
| 19. | Dr. Beena Gidwani | As External | Shri Rawatpura Sarkar University | Raipur | C.G |
| 20. | Mr. Sagar Sahu | As External | RITEE College of Pharmacy | Raipur | C.G |
| 21. | Dr. Beena Gidwani | As External | Royal College of Pharmacy | Raipur | C.G |
| 22. | Mr. Gunjan Kalyani | IPC | Nagpur University | Nagpur | M.S |
| 23. | Mr. Shiv Kumar Bharadwaj | DST - Stuti | IGNTU | Amarkantak | M.P |
| 24. | Prof. Ravindra Kumar Pandey | As External | Rungta College of Pharmaceutical Sciences | Raipur | C.G |
| 25. | Mr. Akhilesh kumar | As External | Chhatrapati Shivaji Institute of Pharmacy | Durg | C.G |
| 26. | Dr. Bibekanand Meher | As External | RITEE College of Pharmacy | Raipur | C.G |
| 27. | Dr. Bibekanand Meher | As External | Royal College of Pharmacy | Raipur | C.G |
| 28. | Ms. Disha Kesharwani | As External | Royal College of Pharmacy | Raipur | C.G |
| 29. | Dr. Rajni Kant Panik | As External | Shri Rawatpura Sarkar University | Raipur | C.G |
| 30. | Mr. Manindra Mahapatra | As External | RITEE College of Pharmacy | Raipur | C.G |
| 31. | Prof. Amit Roy | Meeting | Chhattisgarh Swami Vivekanand Technical University, Bhilai | Durg | C.G |
| 32. | Mr. Gunjan Kalyani | As External | Gracious College of Pharmacy | Raipur | C.G |
| 33. | Dr. Beena Gidwani | As External | Rungta College of Pharmaceutical Sciences | Raipur | C.G |
| 34. | Dr. Beena Gidwani | As External | School of Pharmacy Chouksey Engineering College | Bilaspur | C.G |
| 35. | Mr. Manindra Mahapatra | As External | Royal College of Pharmacy | Raipur | C.G |
| 36. | Dr. Neha Dubey | As External | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 37. | Dr. Beena Gidwani | As External | School of Pharmacy Chouksey | Bilaspur | C.G |

| | | | | | |
|-----|---------------------------|-------------|---------------------------------------------|--------|-----|
| | | | Engineering College | | |
| 38. | Dr. Beena Gidwani | As External | Royal College of Pharmacy | Raipur | C.G |
| 39. | Dr. S Prakash Rao | As External | Pt. Ravishankar Shukla University | Raipur | C.G |
| 40. | Mr. Akhilesh kumar | As External | Chhatrapati Shivaji Institute of Pharmacy | Durg | C.G |
| 41. | Prof. Shiv Shankar Shukla | As External | Pt. Ravishankar Shukla University | Raipur | C.G |
| 42. | Mr. Sagar Sahu | As External | Gracious College of Pharmacy | Raipur | C.G |
| 43. | Mr. Rahul Goswami | As External | Gracious College of Pharmacy | Raipur | C.G |
| 44. | Ms. Prakriti Diwan | As External | University College of Pharmacy | Durg | C.G |
| 45. | Mr. Sagar Sahu | As External | RITEE College of Pharmacy | Raipur | C.G |
| 46. | Ms. Sandhya Mishra | As External | Royal College of Pharmacy | Raipur | C.G |
| 47. | Dr. Neha Dubey | As External | Shri Rawatpura Sarkar Institute of Pharmacy | Durg | C.G |
| 48. | Ms. Prakriti Diwan | As External | Rungta College of Pharmaceutical Sciences | Raipur | C.G |
| 49. | Dr. Beena Gidwani | As External | Shri Rawatpura Sarkar University | Raipur | C.G |
| 50. | Dr. Rajni Kant Panik | As External | Rungta College of Pharmaceutical Sciences | Raipur | C.G |
| 51. | Dr. S Prakash Rao | As External | Pt. Ravishankar Shukla University | Raipur | C.G |
| 52. | Ms. Prakriti Diwan | As External | Shri Rawatpura Sarkar University | Raipur | C.G |

Honoray Counsultancy from Central/State Government

| S. No. | Faculty | Organization | Year |
|--------|------------------------------------|------------------------------------------------------------------------------------------------|------------------------|
| 1. | Prof. Ravindra Kumar Pandey | PCI Inspector, Pharmacy Council of India, New Delhi | 2022, 2023, 2024, 2025 |
| | | CSVТУ Inspector, Chhattisgarh Swami Vivekand TechnicalUniversity, Bhilai (C.G.) | 2022, 2023, 2024, 2025 |
| | | Institutional Animal Ethical Committee, Chhattisgarh ,GGU, Bilaspur, Vertenary college, Anjora | 2022, 2023, 2024, 2025 |
| 2. | Prof. Trilochan Satpathy | PCI Inspector, Pharmacy Council of India, New Delhi | 2022, 2023, 2024 |
| | | CSVТУ Inspector, Chhattisgarh Swami Vivekand TechnicalUniversity, Bhilai (C.G.) | 2022, 2023, 2024, 2025 |
| | | Institutional Animal Ethical Committee, Chhattisgarh | 2022, 2023, 2024, 2025 |
| 3. | Prof. Shiv Shankar Shukla | PCI Inspector, Pharmacy Council of India, New Delhi | 2022, 2023, 2024, 2025 |
| | | CSVТУ Inspector, Chhattisgarh Swami Vivekand TechnicalUniversity, Bhilai (C.G.) | 2022, 2023, 2024, 2025 |
| | | Institutional Animal Ethical Committee, IGNTU,Amarkantak, Madhya Pradesh | 2022, 2023, 2024 |
| 4. | Dr. Beena Gidwani | PCI Inspector, Pharmacy Council of India, New Delhi | 2022, 2023, 2024 |
| | | CSVТУ Inspector, Chhattisgarh Swami Vivekand TechnicalUniversity, Bhilai (C.G.) | 2022, 2023, 2024, 2025 |
| | | Institutional Animal Ethical Committee, SRIP, Kumhari Chouksey College, Bilaspur | 2022, 2023, 2024 |
| 5. | Dr. Shashikant Chandrakar | CSVТУ Inspector, Chhattisgarh Swami Vivekand TechnicalUniversity, Bhilai (C.G.) | 2022, 2023, 2024, 2025 |
| | | PCI Inspector, Pharmacy Council of India, New Delhi | 2022, 2023, 2024 |

5.7.5 Development activities (5)

| |
|----------------------------|
| Institute Marks (5) |
|----------------------------|

Product Development

- Formulation of Chyawanprash
- Formulation & Standardization of Herbal Tea

Research Laboratories

- Pharmacognosy Lab
- Central Instrumentation Lab
- Machine Room
- Pharmaceutics Lab
- Cell Culture Lab
- Pharmacology Lab
- Pharmaceutical Biotechnology Lab
- Pharmaceutical Analysis Lab

Instructional Material

- Laboratory Manual
- SOPs of Instruments

Working Models/Charts/Monograms

- Charts/Monogram is available in the laboratory of the institute. Charts are prepared by students of CIP under the guidance of faculty.

5.8 Faculty Performance Appraisal and Development System (FPADS) (20)

| |
|-----------------------------|
| Institute Marks (20) |
|-----------------------------|

(Faculties of Higher Education Institutions today have to perform a variety of tasks pertaining to diverse roles. In addition to instruction, Faculty needs to innovate and conduct research for their self-renewal, keep abreast with changes in technology, develop expertise for the effective implementation of curricula. They are also expected to provide services to the hospitals/ industry and community in large for understanding and contributing to the solution of real life problems. Another role relates to the shouldering of administrative responsibilities to co-operation with other Faculty, heads-of-departments and the Head of Institute. An effective performance appraisal system for Faculty is vital for optimizing the contribution of individual Faculty to institutional performance.)

Yes, Institute has well defined Faculty Performance Appraisal and Development System.

Participants:

All faculty members of the institute.

Mechanism:

1. Academic committee distributes the appraisal form to the faculty at the end of the academic year.
2. Every faculty member should fill FPA form after thoroughly reading the form.
3. Faculty should send the completed form, along with relevant documents, to the Academic-in-charge in each year.
4. The Programme Assessment Committee completes evaluation records.
5. The Programme Assessment Committee forwards the evaluation report to the Principal.
6. Principal review the evaluation report and forward to the Secretary.

Template of Faculty Performance Appraisal Form –


COLUMBIA INSTITUTE OF PHARMACY, RAIPUR
Faculty Performance Appraisal for the Academic Year

Name: Designation: Dept.:

1. INSTRUCTIONAL ELEMENT
a. Teaching Engagement

| Course | Semester | | | Semester | | |
|-------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|
| | Subject with Code | No. of Students | Weekly
L T P | Subject with Code | No. of Students | Weekly
L T P |
| B. Pharmacy | | | | | | |
| M. Pharmacy | | | | | | |

Particular to be given below, in respect of any courses above, which is taken for part of the semester.

Innovation in teaching, if any:

b. Project and Thesis (Dissertation) Supervision: B. Pharm. /M. Pharm.

| Level | Title of Project/Thesis | Name of Students | Name of other Supervisor (if any) | Remarks* |
|-----------|-------------------------|------------------|-----------------------------------|----------|
| B. Pharm. | | | | |
| M. Pharm. | | | | |
| Ph. D. | | | | |

2. ACADEMIC RESEARCH AND PUBLICATION ELEMENT:
a. Journal Papers (Published during the report period)

| S. No. | Title | Journal | Year | Other Authors |
|--------|-------|---------|------|---------------|
| | | | | |

b. Conference Research Papers (Published ones during the report period)

(information to be given in the order as below:

Authors' Names (sequence as in paper), Title of Paper, Name of Conference, Place, Year, Page Nos.

1.

2.

3.

c. Books, Monographs, Lab or Design Mannuals- Authored/Edited

(Excluding Editing of Conf./Seminar/Workshop Proceedings)

Authors Names (Same order as in publication), Title, Publisher, Vol. No. (year), Page Nos.

1.

2.

3. SPONSORED R & D, CONSULTANCY & EXTENSION ELEMENT:

a. Sponsored & Consultancy Research Projects

| S. No. | Title of Project | Funding Agency | Financial Outlay | Year of start & total period | Name of P.I. and other investigators | Status Started or completed or in progress |
|--------|------------------|----------------|------------------|------------------------------|--------------------------------------|--------------------------------------------|
| | | | | | | |

b. Project/Processes Development and Technology Transfer/Patents :
(Give particulars with names of group members involved)

.....

c. Other Extension Tasks:

(Such as involvement with outside institutes – Network/Joint Projects, International & National Academics, Professional Societies, Industry & Govt. Public, Community Service, Editorial & reviewing work, Organization of & Participation in conferences/Workshops/Seminars/Staff development programs and editing of proceedings)

.....

4. MANAGEMENT & INSTITUTIONAL DEVELOPMENT ELEMENTS:

(incharge of laboratory/facility/group, chairmanship and membership of committees, involvement in student services, Institute community and administrative assignments)

a. Institute/University Levels: Yes ☐ No ☐
(Please give details about the type of operation carried out by you)

.....

5. Other work (not included in form above)

.....

6. SELF APPRAISAL

(Comment on the work including particulars of circumstances for not being able to undertake activities in some elements)

.....

7. COMMENTS/SUGGESTION FOR FUTURE WORK:

(including difficulties faced, if any, and suggestions for improvement, training, infrastructure etc, for professional growth achievement of excellence)

.....

8. Appraisal & Follow-up

a. Comments of Appraisal Committee*

.....

Signature with date:

.....
Academic in-charge

.....
Principal

.....
Secretary

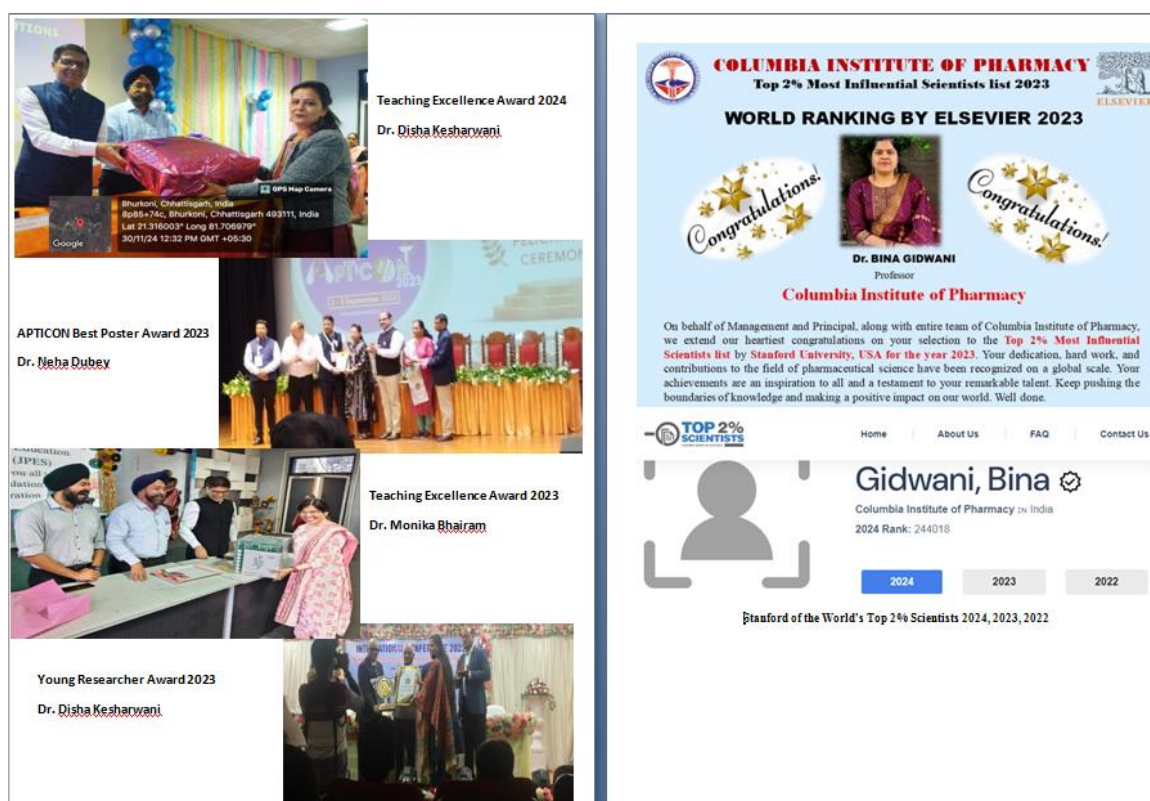
b. Follow-up Action :

Award/Reward:

- Teaching Excellence Award and cash prize given to the faculty whose performance is appreciable.



Academic Research Award 2024



5.9 Visiting/Adjunct Faculty (5)

| |
|----------------------------|
| Institute Marks (5) |
|----------------------------|

(Adjunct faculty also includes experts from Industry, Research Organizations/Universities and other Government Organizations. Provide details of participation and contributions in teaching and learning and /or research by visiting/adjunct faculty for all the assessment years.)

- Institute invites faculties from industry and from academic area for lectures on different topics for overall development of the students.
- The details of visiting faculties invited in last three years are as follows-

CAY (2024-25)

| Name of Visiting Faculty | Semester | Subject | Contact Hours |
|--------------------------|----------|----------------------|---------------|
| Mr. Rushikesh G. Lavhale | 5th | Pharmaceutics | 15 Hours |
| Mrs. Monika Baghrecha | 2nd | Environmental Safety | 15 Hours |
| Mr. Gurdeep Singh Tuteja | 2nd | Environmental Safety | 15 Hours |
| Dr. Manika Agarwal | 1st | HAP | 15 Hours |
| Mrs. Anamika Singh | 1st | HAP | 15 Hours |

CAY (2023-24)

| Name of Visiting Faculty | Semester | Subject | Contact Hours |
|---------------------------------|-----------------|------------------------------------|----------------------|
| Dr. Deependra Singh | 5th | Pharmaceutical Jurisprudence | 15 Hours |
| Dr. Anant Gandhi | 3rd | Pharmaceutics | 15 Hours |
| Ms. Anjali Bandhe | 2nd | Environmental Safety & Cleanliness | 15 Hours |
| Mr. Anurag Tiwari | 5th | Pharmaceutical Jurisprudence | 15 Hours |
| Mr. Vishal Choudhary | 7th | Novel Drug Delivery System | 15 Hours |
| Mrs. Anamika Singh | 2nd | HAP | 15 Hours |

CAY (2022-23)

| Name of Visiting Faculty | Semester | Subject | Contact Hours |
|---------------------------------|-----------------|-------------------------------------|----------------------|
| Dr. Chanchaldeep Kaur | 8th | Novel Drug Delivery System | 15 Hours |
| Mrs. Monika Baghreacha | 5th | Environmental Safety | 15 Hours |
| Mr. Gurdeep Singh Tuteja | 7th | Social Pharmacy | 15 Hours |
| Dr. Rishi Paliwal | 1st | Introduction to Pharmacy | 15 Hours |
| Dr. Ashish Majumdar | 1st | Pharmaceutics | 15 Hours |
| Mr. Balram Hirwani | 7th | Road Safety & Environmental Science | 15 Hours |

| Sl. No. | Assessment Parameters | Marks | |
|------------|-------------------------------------------------------------------------|------------|-----------|
| | | Prescribed | Institute |
| 5.1 | Student Faculty Ratio | 20 | 20 |
| 5.2 | Faculty Cadre Proportion | 20 | 15.28 |
| 5.3 | Faculty Qualification | 20 | 10.49 |
| 5.4 | Faculty Retention | 20 | 16 |
| 5.5 | Innovation by the Faculty in Teaching and Learning | 15 | 10 |
| 5.6 | Faculty as participants in Faculty Development/Training Activities | 15 | 15 |
| 5.7.1 | Academic Research | 10 | 8 |
| 5.7.2 | Sponsored Research | 10 | 10 |
| 5.7.3 | Consultancy From Industry | 10 | 10 |
| 5.7.4 | Honorary Consultancy from Central/ State Local Government Organizations | 5 | 5 |
| 5.7.5 | Development activities | 5 | 5 |
| 5.8 | Faculty Performance Appraisal and Development System (FPADS) | 20 | 16 |
| 5.9 | Visiting/Adjunct Faculty | 5 | 5 |
| TOTAL | | 175 | 147.93 |
| Percentage | | | 84.53% |

CRITERION 6: FACILITIES

6.1 Availability of adequate, well-equipped classrooms to meet the curriculum requirements (15)

(Facilities for conducting theory classes)

| |
|-----------------------------|
| Institute Marks (15) |
|-----------------------------|

The facilities for conducting theory classes are adequate for the B. Pharm. Course, for each batch, one classroom is separately identified; total 8 classrooms are available. Each classroom can accommodate a minimum of 80 students. Adequate number of tube lights, fans, greenboard and overhead projectors are provided. The above amenities ensure proper abience for teaching-learning process. As the strength of intake of students is 101 ($96 + 5*$) (where * is lateral entry), two section (division) is operated. Classrooms are provided with good ventilation and un-interrupted power supply (solar energy for backup). Exams are conducted in the classrooms. Mentoring to the students is also done in the classrooms.

In addition, discussions with students who are lagging behind the subject were also handled. The seminar hall/ board room are provided separetly for conducting guest lectures and staff meetings. The conference room can accommodate 350 students at a time, exclusively for conducting guest lectures. The details of the classrooms along with the facilities available are provided in table below:

| Room Number | Room Name | Capacity | Facilities |
|-------------------------|-------------------|--------------|------------------------------------------------------------|
| Classroom No. 1 | UG- Class Room 01 | 80 Students | Green Board, Dias, Projector, Dual Desk, Fans, Lights etc. |
| Classroom No. 2 | UG- Class Room 02 | 80 Students | Green Board, Dias, Projector, Dual Desk, Fans, Lights etc. |
| Classroom No. 3 | UG- Class Room 03 | 80 Students | Green Board, Dias, Projector, Dual Desk, Fans, Lights etc. |
| Classroom No. 4 | UG- Class Room 04 | 80 Students | Green Board, Dias, Projector, Dual Desk, Fans, Lights etc. |
| Classroom No. 5 | UG- Class Room 05 | 80 Students | Green Board, Dias, Projector, Dual Desk, Fans, Lights etc. |
| Classroom No. 6 | UG- Class Room 06 | 80 Students | Green Board, Dias, Projector, Dual Desk, Fans, Lights etc. |
| Classroom No. 7 | UG- Class Room 07 | 80 Students | Green Board, Dias, Projector, Dual Desk, Fans, Lights etc. |
| Classroom No. 8 | PG- Class Room 01 | 80 Students | Green Board, Dias, Dual Desk, Fans, Lights etc. |
| Classroom No. 9 | PG- Class Room 02 | 80 Students | White Board, Dias, Projector, Dual Desk, Fans, Lights etc |
| Classroom No. 10 | UG- Class Room 08 | 80 Students | Green Board, Dias, Projector, Dual Desk, Fans, Lights etc. |
| Seminar Hall | Seminar Hall | 200 Students | LCD, Screen, Table Chairs |





6.2 Faculty Rooms (5)

(Conductive sitting place)

Institute Marks (5)

The faculty rooms are available in adequate numbers. The rooms are provided with necessary infrastructure. Counseling of the students is done in the faculty rooms. The details of the faculty rooms along with the facilities available are given in the table below.

| Room Description | Shared/ Exclusive | Rooms/Labs Equipped with |
|---------------------|-------------------|--------------------------------------------------------------------------------------------------|
| Principal's Chamber | Exclusive | Desk Computer System with Internet, Sofa set, Chairs, Table, AC, Fans, Lights, Fridge, etc. |
| H.O.D. Cabin | Exclusive | Desk Computer System with Internet, Chairs, White boards, Fans, Lights, Almirah, Cooler/AC, etc. |
| Faculty Rooms | Shared | Desk Computer System with Internet, Chairs, Notice |

Board, Fans, Lights,
Almirah, Shelves, etc.



6.3 Laboratories including preparation room (wherever applicable), instrument/machine room and computer labs along with equipment and relevant facilities (60)

Institute Marks (60)

(Scientific Experiments Conducting/Computing facilities; availability, adequacy & effectiveness)

Note: Give a separate table for Instrument room and Machine room listing all the instruments/equipment present with their make and model, existence of SOPs and Log Books for individual equipment.

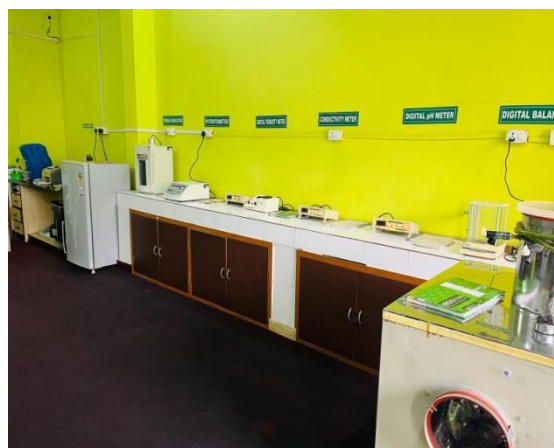
The facilities such as gas, water drainage, fire extinguishers, first aid boxes, exhaust fans etc., are available in each laboratory. The B. Pharm. Students are allowed to use sophisticated laboratory facilities for FTIR, UV spectrophotometer, HPLC etc. The laboratory staff works for students. Electrical and plumbing facilities are provided adequately. Laboratories have un-interrupted power supply. Each laboratory has two exits. The number of experiments conducted for each subject in the laboratory is as per the norms of CSVTU syllabus. All laboratories are equipped with safety equipments like fire extinguisher. The list of laboratories and the contents therein are tabulated below.

List of Instruments Available in Vearious Labs **CENTRAL INSTRUMENTATION ROOM**

| Sl. No. | Name of Instruments | Manufactur
er | Model | Existence
of SOPs | Existence
of Log
Book |
|---------|----------------------------------------------|------------------|----------------------|----------------------|-----------------------------|
| 1. | UV –Vis Spectrophotometer | Shimadzu | UV 19001 | Yes | Yes |
| 2. | Auto Analyzer | Labcare | Accuhem-100 | Yes | Yes |
| 3. | Micro Centrifuge | Remi | RM-03 Plus | Yes | Yes |
| 4. | Zeta Sizer | Anton paar | Litesizer 500 | Yes | Yes |
| 5. | High Performance Liquid Chromatography | Shimadzu | i-series LC 2050 C30 | Yes | Yes |
| 6. | Fourier Transform Infrared Spectrophotometer | Shimadzu | IR affinity 1 | Yes | Yes |
| 7. | UV –Vis Spectrophotometer | Shimadzu | UV-1800 | Yes | Yes |

| | | | | | |
|-----|----------------------------|--------------------------------------------------------|----------------------------------------|-----|-----|
| 8. | Flash Chromatography | Buchi | Pump Manager C615
Pump Manager C601 | Yes | Yes |
| 9. | Viscometer | Brookfield | Model-RVT | Yes | Yes |
| 10. | Lyophilizer (Freeze Dryer) | Assembled By
Multitech
Scientific
Instruments | Temperature -40°C | Yes | Yes |
| 11. | Digital Balance | Keroy | Capacity Min 10mg | Yes | Yes |
| 12. | Digital Balance | Shimadzu | Mg sensitivity | Yes | Yes |
| 13. | pH Meter | Electronic
India (EI) | 111 | Yes | Yes |
| 14. | Digital Potentiometer | Electronic
India (EI) | 118 | Yes | Yes |
| 15. | Conductivity Meter | Electronic
India (EI) | 611 | Yes | Yes |
| 16. | Probe Sonicator | PCI | PCI 750F | Yes | Yes |
| 17. | Bath Sonicator | PCI | | Yes | Yes |
| 18. | Digital Turbidity Meter | Electronic
India (EI) | 331 | Yes | Yes |
| 19. | Digital Flame Photometer | Esico | 381 | Yes | Yes |
| 20. | Biochemistry Analyser | Electronic
India (EI) | Chem 400 | Yes | Yes |
| 21. | Digital Photo Colorimeter | Teknik | - | Yes | Yes |
| 22. | Digital Microscope | Coslab | HL-22 | Yes | Yes |
| 23. | Fluorescence Microscope | Labomed | Lx 400 eFL | Yes | Yes |
| 24. | Digital Fluorometer | EI | 681 | Yes | Yes |





Machine Room

| Sl. No. | Name | Minimum Required Nos. | Available Nos. | Existence of SOPs | Existence of Log Book | Working Yes / No |
|---------|--------------------------------------------|-----------------------|----------------|-------------------|-----------------------|------------------|
| 1. | Super Critical Fluid Extractor | 01 | 01 | Yes | Yes | Yes |
| 2. | Spray Dryer | 01 | 01 | Yes | Yes | Yes |
| 3. | Tray dryer | 01 | 01 | Yes | Yes | Yes |
| 4. | Ball mill | 01 | 01 | Yes | Yes | Yes |
| 5. | Sieve shaker with sieve set | 01 | 01 | Yes | Yes | Yes |
| 6. | Double cone blender | 01 | 01 | Yes | Yes | Yes |
| 7. | Autoclave | 01 | 01 | Yes | Yes | Yes |
| 8. | Steam distillation still | 01 | 01 | Yes | Yes | Yes |
| 9. | Vacuum Pump | 01 | 01 | Yes | Yes | Yes |
| 10. | Tablet punching machine | 01 | 01 | Yes | Yes | Yes |
| 11. | Capsule filling machine | 01 | 01 | Yes | Yes | Yes |
| 12. | Ampoule washing machine | 01 | 01 | Yes | Yes | Yes |
| 13. | Ampoule filling and sealing machine | 01 | 01 | Yes | Yes | Yes |
| 14. | Tablet disintegration test apparatus IP | 02 | 02 | Yes | Yes | Yes |
| 15. | Tablet dissolution test apparatus IP | 01 | 01 | Yes | Yes | Yes |
| 16. | Ointment filling machine | 01 | 01 | Yes | Yes | Yes |
| 17. | Collapsible tube crimping machine | 01 | 01 | Yes | Yes | Yes |
| 18. | Tablet coating pan | 01 | 01 | Yes | Yes | Yes |
| 19. | All purpose equipment with all accessories | 01 | 01 | Yes | Yes | Yes |
| 20. | Aseptic Cabinet | 01 | 01 | Yes | Yes | Yes |
| 21. | Bottle washing Machine | 01 | 01 | Yes | Yes | Yes |

| | | | | | | |
|-----|-----------------------------------|----|----|------------|------------|------------|
| 22. | Bottle Sealing Machine | 01 | 01 | Yes | Yes | Yes |
| 23. | Humidity Control Oven | 01 | 01 | Yes | Yes | Yes |
| 24. | Liquid Filling Machine | 01 | 01 | Yes | Yes | Yes |
| 25. | Precision Melting point Apparatus | 01 | 01 | Yes | Yes | Yes |
| 26. | Distillation Unit | 01 | 01 | Yes | Yes | Yes |
| 27. | CO ₂ Incubator | - | 01 | Yes | Yes | Yes |
| 28. | Microplate Reader | - | 01 | Yes | Yes | Yes |
| 29. | Rota Evaporator | - | 01 | Yes | Yes | Yes |
| 30. | Stability Chamber | 01 | 01 | Yes | Yes | Yes |
| 31. | Deep Freezer | 01 | 01 | Yes | Yes | Yes |



DEPARTMENT OF PHARMACEUTICS

| Sl. No. | Name | Minimum Required Nos. | Available Nos. | Working Yes / No |
|---------|----------------------------------------------------------|-----------------------|----------------|------------------|
| 1. | Mechanical stirrers | 20 | 20 | Yes |
| 2. | Homogenizer | 10 | 10 | Yes |
| 3. | Digital balance | 05 | 05 | Yes |
| 4. | Microscopes | 10 | 10 | Yes |
| 5. | Stage and eye piece micrometers | 15 | 15 | Yes |
| 6. | Steam distillation still | 01 | 01 | Yes |
| 7. | Standard sieves, sieve no. 8, 10, 12, 22, 24, 44, 66, 80 | 10 sets | 10 Sets | Yes |
| 8. | Tablet punching machine | 01 | 01 | Yes |
| 9. | Capsule filling machine | 01 | 01 | Yes |

| | | | | |
|-----|-----------------------------------------------------------------|---------------|---------------|-----|
| 10. | Ampoule washing machine | 01 | 01 | Yes |
| 11. | Ampoule filling and sealing machine | 01 | 01 | Yes |
| 12. | Tablet disintegration test apparatus IP | 02 | 02 | Yes |
| 13. | Tablet dissolution test apparatus IP | 01 | 01 | Yes |
| 14. | Monsanto's hardness tester | 02 | 02 | Yes |
| 15. | Pfizer type hardness tester | 01 | 01 | Yes |
| 16. | Friability test apparatus | 01 | 01 | Yes |
| 17. | Magnetic stirrer, 500ml and 1 liter capacity with speed control | 05 EACH
10 | 05 Each
10 | Yes |
| 18. | Digital pH meter | 01 | 01 | Yes |
| 19. | BOD Incubator | 02 | 02 | Yes |
| 20. | Bulk Density Apparatus | 02 | 02 | Yes |
| 21. | Conical Percolator (glass/ copper/ stainless steel) | 10 | 10 | Yes |
| 22. | Mechanical stirrer with speed regulator | 02 | 02 | Yes |

Apparatus:

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No |
|---------|----------------------------------------|-----------------------|----------------|------------------|
| 1 | Ostwald's viscometer | 20 | 20 | Yes |
| 2 | Stalagmometer | 20 | 20 | Yes |
| 3 | Desiccator* | 10 | 10 | Yes |
| 4 | Suppository moulds | 20 | 20 | Yes |
| 5 | Buchner Funnels (Small, medium, large) | 05 each | 05 Each | Yes |
| 6 | Filtration assembly | 01 | 01 | Yes |
| 7 | Permeability Cups | 05 | 05 | Yes |
| 8 | Andreason's Pipette | 05 | 05 | Yes |
| 9 | Lipstick moulds | 10 | 10 | Yes |

DEPARTMENT OF PHARMACOLOGY

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No |
|---------|-----------------------------------------|------------------------------------------------------------------------------------------|----------------|------------------|
| 1 | Maze Apparatus | 01 | 01 | Yes |
| 2 | Microscopes | 20 | 20 | Yes |
| 3 | Haemocytometer with Micropipettes | 20 | 20 | Yes |
| 4 | Sahli's haemocytometer | 20 | 20 | Yes |
| 5 | Hutchinson's spirometer | 01 | 01 | Yes |
| 6 | Spygmomanometer | 10 | 12 | Yes |
| 7 | Stethoscope | 10 | 24 | Yes |
| 8 | Permanent Slides for various tissues | One pair of each tissue
Organs and endocrine glands
One slide of each organ system | Available | Yes |
| 9 | Models for various organs | One model of each organ system | Available | Yes |
| 10 | Specimen for various organs and systems | One model for each organ system | Available | Yes |
| 11 | Skeleton and bones | One set of skeleton and one spare bone | Available | Yes |

| | | | | |
|----|-----------------------------------------------------------|------------------------|-----------|-----|
| 12 | Different Contraceptive Devices and Models | One set of each device | Available | Yes |
| 13 | Muscle electrodes | 01 | 01 | Yes |
| 14 | Lucas moist chamber | 01 | 01 | Yes |
| 15 | Myographic lever | 01 | 01 | Yes |
| 16 | Stimulator | 01 | 01 | Yes |
| 17 | Centrifuge | 01 | 01 | Yes |
| 18 | Digital Balance | 01 | 01 | Yes |
| 19 | Physical /Chemical Balance | 01 | 01 | Yes |
| 20 | Sherrington's Kymograph Machine / Polyrite | 10 | 44 | Yes |
| 21 | Sherrington Drum | 10 | 44 | Yes |
| 22 | Perspex bath assembly (single unit) | 10 | 44 | Yes |
| 23 | Aerators | 10 | 20 | Yes |
| 24 | Computer with LCD | 01 | 01 | Yes |
| 25 | Software packages for experiment | 01 | 01 | Yes |
| 26 | Standard graphs of various drugs | Adequate number | Available | Yes |
| 27 | Actophotometer | 01 | 01 | Yes |
| 28 | Rotarod | 01 | 01 | Yes |
| 29 | Pole climbing apparatus | 01 | 01 | Yes |
| 30 | Analgesimeter (Eddy's hot plate and radiant heat methods) | 01 | 01 | Yes |
| 31 | Convulsimeter | 01 | 01 | Yes |
| 32 | Plethysmograph | 01 | 01 | Yes |
| 33 | Digital pH meter | 01 | 01 | Yes |

Apparatus:

| Sl. No. | Name | Minimum required Nos | Available Nos. | Working Yes / No |
|---------|---------------------------------------------------|----------------------|----------------|------------------|
| 1 | Folin-Wu tubes | 60 | 60 | Yes |
| 2 | Dissection Tray and Boards | 10 | 10 | Yes |
| 3 | Haemostatic artery forceps | 10 | 10 | Yes |
| 4 | Hypodermic syringes and needles of size 15,24,26G | 10 | 10 | Yes |
| 5 | Levers, cannulae | 20 | 20 | Yes |
| 6 | Maze Apparatus | 01 | 01 | Yes |

DEPARTMENT OF PHARMACOGNOSY

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No |
|---------|----------------------------------|-----------------------|----------------|------------------|
| 1 | Microscope with stage micrometer | 20 | 20 | Yes |
| 2 | Digital Balance | 02 | 02 | Yes |
| 3 | Autoclave | 02 | 02 | Yes |
| 4 | Hot air oven | 02 | 02 | Yes |
| 5 | B.O.D. incubator | 01 | 01 | Yes |
| 6 | Refrigerator | 01 | 01 | Yes |
| 7 | Laminar air flow | 01 | 01 | Yes |
| 8 | Colony counter | 02 | 02 | Yes |
| 9 | Zone reader | 01 | 01 | Yes |

| | | | | |
|----|--------------------------------------------|-----------|-----------|------------|
| 10 | Digital pH meter | 01 | 01 | Yes |
| 11 | Sterility testing unit | 01 | 01 | Yes |
| 12 | Camera Lucida | 20 | 20 | Yes |
| 13 | Eye piece micrometer | 20 | 20 | Yes |
| 14 | Incinerator | 01 | 01 | Yes |
| 15 | Moisture balance | 01 | 01 | Yes |
| 16 | Heating mantle | 20 | 20 | Yes |
| 17 | Flourimeter | 01 | 01 | Yes |
| 18 | Vacuum pump | 02 | 02 | Yes |
| 19 | Micropipettes (Single and multi channeled) | 05 | 05 | Yes |
| 20 | Micro Centrifuge | 01 | 01 | Yes |
| 21 | Projection Microscope | 01 | 01 | Yes |

Apparatus:

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No |
|---------|-----------------------------|-----------------------|----------------|------------------|
| 1 | Reflux flask with condenser | 20 | 20 | Yes |
| 2 | Water bath | 20 | 20 | Yes |
| 3 | Clavengers apparatus | 10 | 10 | Yes |
| 4 | Soxhlet apparatus | 10 | 10 | Yes |
| 6 | TLC chamber and sprayer | 10 | 10 | Yes |
| 7 | Distillation unit | 01 | 01 | Yes |

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No |
|---------|---------------------------------------|-----------------------|----------------|------------------|
| 1 | Hot plates | 05 | 05 | Yes |
| 2 | Oven | 03 | 03 | Yes |
| 3 | Refrigerator | 01 | 01 | Yes |
| 4 | Analytical Balances for demonstration | 05 | 05 | Yes |
| 5 | Digital balance 10mg sensitivity | 10 | 10 | Yes |
| 6 | Digital Balance (1mg sensitivity) | 01 | 01 | Yes |
| 7 | Suction pumps | 06 | 06 | Yes |
| 8 | Muffle Furnace | 01 | 01 | Yes |
| 9 | Mechanical Stirrers | 10 | 10 | Yes |
| 10 | Magnetic Stirrers with Thermostat | 10 | 10 | Yes |
| 11 | Vacuum Pump | 01 | 01 | Yes |
| 12 | Digital pH meter | 01 | 01 | Yes |
| 13 | Microwave Oven | 02 | 02 | Yes |

Apparatus:

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No |
|---------|------------------------------------------|-----------------------|----------------|------------------|
| 1 | Distillation Unit | 02 | 02 | Yes |
| 2 | Reflux flask and condenser single necked | 20 | 20 | Yes |
| 3 | Reflux flask and condenser | 20 | 20 | Yes |

| | | | | |
|----------|------------------------------|-----------|------------|------------|
| | double / triple necked | | | |
| 4 | Burettes | 100 | 100 | Yes |
| 5 | Arsenic Limit Test Apparatus | 25 | 25 | Yes |
| 6 | Nessler's Cylinders | 50 | 50 | Yes |

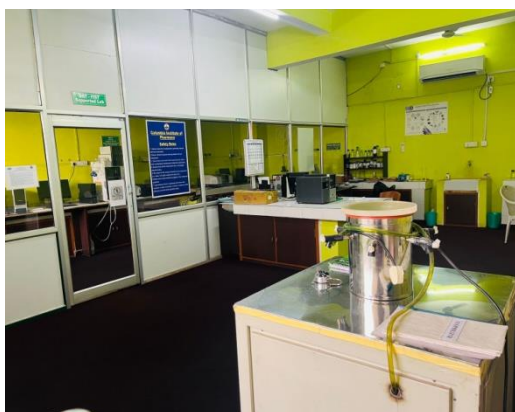
PHARMACEUTICAL BIOTECHNOLOGY

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No |
|-----------|-----------------------------------------------|-----------------------|----------------|------------------|
| 1 | Orbital shaker incubator | 01 | 01 | Yes |
| 2 | Lyophilizer (Desirable) | 01 | 01 | Yes |
| 3 | Gel Electrophoresis (Vertical and Horizontal) | 01 | 01 | Yes |
| 4 | Phase contrast/Trinocular Microscope | 01 | 01 | Yes |
| 5 | Refrigerated Centrifuge | 01 | 01 | Yes |
| 6 | Fermenters of different capacity (Desirable) | 01 | --- | --- |
| 7 | Tissue culture station | 01 | 01 | Yes |
| 8 | Laminar airflow unit | 01 | 01 | Yes |
| 9 | Diagnostic kits to identify infectious agents | 01 | 01 | Yes |
| 10 | Rheometer | 01 | 01 | Yes |
| 11 | Viscometer | 01 | 01 | Yes |
| 12 | Micropipettes (single and multi channeled) | 01 each | 01 Each | Yes |
| 13 | Sonicator | 01 | 01 | Yes |
| 14 | Respinometer | 01 | 01 | Yes |
| 15 | BOD Incubator | 01 | 01 | Yes |
| 16 | Paper Electrophoresis Unit | 01 | 01 | Yes |
| 17 | Micro Centrifuge | 01 | 01 | Yes |
| 18 | Incubator water bath | 01 | 01 | Yes |
| 19 | Autoclave | 01 | 01 | Yes |
| 20 | Refrigerator | 01 | 01 | Yes |
| 21 | Filtration Assembly | 01 | 01 | Yes |
| 22 | Digital pH meter | 01 | 01 | Yes |

| Lab No. | Lab Name | Batch Size | Area Sq. mt. | Availability of manual | Quality of Instruments | SOP Availability | Safety Measures |
|----------------|-------------------------------------------------------|------------|--------------|------------------------|------------------------|------------------|-----------------|
| Lab 1 | UG-Pharmaceutics Lab 01 | 25 | | Yes | Working | Yes | Available |
| Lab 1 A | UG-Pharmaceutics Lab 01 (Preparation room) | 05 | | Yes | Working | Yes | Available |
| Lab 2 | UG-Pharmaceutics Lab 02 | 25 | | Yes | Working | Yes | Available |
| Lab 2A | UG-Pharmaceutics Lab 02 (Balance room) | 05 | | Yes | Working | Yes | Available |
| Lab 3 | PG-Pharmaceutics Lab 01 | 25 | | Yes | Working | Yes | Available |
| Lab 4 | Machine Room | 25 | | Yes | Working | Yes | Available |
| Lab 4 A | Cell Line Lab | 25 | | Yes | Working | Yes | Available |
| Lab 5 | UG-Pharmaceutical Chemistry Lab 01 | 25 | | Yes | Working | Yes | Available |
| Lab 5 A | UG-Pharmaceutical Chemistry Lab 01 (Preparation room) | 05 | | Yes | Working | Yes | Available |
| Lab 6 | UG-Pharmaceutical Chemistry Lab 02 | 25 | | Yes | Working | Yes | Available |
| Lab 7 | UG-Pharmacognosy Lab 01 | 25 | | Yes | Working | Yes | Available |

| | | | | | | | |
|-----------------|--------------------------------------------------------|----|--|-----|---------|-----|-----------|
| Lab 7 A | UG- Pharmacognosy Lab 01 (Preparation room) | 05 | | Yes | Working | Yes | Available |
| Lab 8 | UG- Pharmacognosy Lab 02 | 25 | | Yes | Working | Yes | Available |
| Lab 9 | Computer Lab | 25 | | Yes | Working | Yes | Available |
| Lab 10 | PG- Research Lab 02 | 25 | | Yes | Working | Yes | Available |
| Lab 11 | Central Instrumentation Lab | 25 | | Yes | Working | Yes | Available |
| Lab 12 | UG - Pharmacology Lab 01 | 25 | | Yes | Working | Yes | Available |
| Lab 12 A | UG - Pharmacology Lab 01 (Preparation room) | 05 | | Yes | Working | Yes | Available |
| Lab 13 | UG - Pharmacology Lab 02 | 25 | | Yes | Working | Yes | Available |
| Lab 13 A | Animal House | 10 | | Yes | Working | Yes | Available |
| Lab 14 | PG - Pharmacology Research Lab | 25 | | Yes | Working | Yes | Available |
| Lab 15 | UG - Pharmaceutical Analysis Lab 01 | 25 | | Yes | Working | Yes | Available |
| Lab 15 A | UG - Pharmaceutical Analysis Lab 01 (Preparation room) | 05 | | Yes | Working | Yes | Available |
| Lab | UG - | 25 | | Yes | Working | Yes | Available |

| | | | | | | | |
|-----------------|------------------------------------------------------------|----|--|-----|---------|-----|-----------|
| 16 | Pharmaceutical Analysis Lab 02 | | | | | | |
| Lab 17 | PG - Pharmaceutical Quality Assurance Research Lab | 25 | | Yes | Working | Yes | Available |
| Lab 18 | UG- Pharmaceutical Biotechnology Lab 01 | 25 | | Yes | Working | | Available |
| Lab 18 A | UG- Pharmaceutical Biotechnology Lab 01 (Preparation room) | 05 | | Yes | Working | | Available |
| Lab 19 | UG- Pharmaceutical Biotechnology Lab 02 | 25 | | Yes | Working | | Available |
| Lab 19 A | Aseptic Room | 05 | | Yes | Working | | Available |





6.4 Drug Museum (5)

Institute Marks (5)

(Type & quality of collection in the museum with proper labelling and display)

The pharmaceutical museum is the show-case of product in solid dosage form (tablet and capsules), different types of packing (strip/blister), granules, marketed products, injectable formulations, infusion bottles, liquid preparations, aerosols, cosmetic preparations, and semisolid ointments. The museum is designed with special care to highlight the displayed products with excellent transparency and is located in the centre of the ground floor, facing to the interior of the campus which becomes visible to everyone of institute. The museum is designed to provide separate sections for various categories of products.

Regular cleaning schedule is followed for the museum. The products are updated from time to time with latest developments in the market. The museum is managed by the faculty and two students from each class.

Size of the Museum –

- 3 to 5 museums of 26 Sq. Ft. sizes in each Laboratory.
- 6 museums of 30 Sq. Ft. size at the Corridor.

Type & quality of collection in the museum -

- Models & Dummy Dolls
- Glassware
- Medicines & Cosmetics

| S. No. | Name of Product |
|--------|-------------------------------------------|
| 1 | Tablets |
| | Paracetamol |
| | Diclofenac |
| | Compressed: Actifed |
| | Film Coated: Erythrocin |
| | Enteric Coated: Entabs, Entrophen |
| | Chewable: Vitamin C Chewable |
| | Effervescent: Gramcal®, Redoxon |
| | Sublingual/Buccal: nitroglycerin |
| | Pills: Carter's Little Liver Pills |

| | |
|----------|-----------------------------------------------------------|
| 2 | Capsules |
| | Soft gelatine capsule- methoxsalen |
| | Hard gelatine capsule- CONI-SNAP™ |
| | Vegetable capsules |
| 3 | Liquid dosage forms |
| | Elixir- Ayur elixir |
| | Syrup- Carbopol |
| | Mouthwash- Listerine |
| | Tinctures- Spirit |
| 4 | Semi solid systems |
| | Emulsion- keralac emulsion |
| | Balm- jhandu balm |
| | Cream- Ketoconazole cream |
| | Ointment- Diclofenac |
| | Paste- Pepsodent |
| | SUSPENSION- water colour |
| | Exfoliating cream- everyouth exfoliating cream |
| | Lotion- Vaseline |
| | Antacid suspension- aluminium hydroxide suspension |
| | 5 |
| | Nanotechnological forms |
| | Carbon nanotubes- Carboplatin, Doxorubicin |
| | Quantum Dots- Daunorubicin Quantum Dots |
| | Nanoshell- Gold Nanoshells, biotin labeled |
| | Nanobubbles- doxorubicin nanobubbles |
| | Nanosomes- Camptothecin nanosomes |
| | Dendrimers- Efavirenz |
| | Liposomes- Insulin |
| 6 | Cosmetic dosage form |
| | Face powder- lakme face powder |
| | Talcum powder- Ponds |
| | Face packs- Ever youth |
| | Face mask- ever youth |
| | Cream- ponds cream |
| | Anti-wrinkle creams –ponds age miracle |
| | Cold cream- ponds |
| | Cleansing cream- ayur cleansing cream |
| | Moisturizer- vaselline moisturizer |
| | Sun screen- ayur |
| | Burn preparation- polysporin |
| | Shaving cream- palmolive |
| | Shaving foams |

| | |
|----------|-----------------------------------------------|
| | After shave lotion- axe |
| | Shampoo- beer shampoo |
| | Aerosol shampoo- dove |
| | Dry shampoo- loreal dry shampoo |
| | Acid balance shampoo- organist shampoo |
| | Egg shampoo- chick egg white shampoo |
| | Hair tonics- almond oil |
| | Hair conditioner- dove |
| | Tooth paste- pepsodent |
| | Corn preparation |
| | Foot powder- mycota |
| | Nail polish |
| | Nail remover |
| | Nail lacquer |
| 7 | Herbal preparation |
| | Patanjali lotion, shampoo, soap, oil, |
| 8 | Ophthalmic preparation |
| | Eye creame- terramycin |
| | Eye gel- lotemax |
| | Eye drop- careprost |



6.5 Medicinal Plant Garden (5)

Institute Marks (5)

(Area, demarcation, temporary/permanent arrangement, planting of plants under the shade in demarcated areas, adequacy of the plants)

The Columbia Institute of Pharmacy is maintaining the medicinal plant garden which includes several types of herbs and shrubs. The garden is located in front of the Institute. The medicinal garden is managed by the two faculty members and two students from each class under the supervision of a senior faculty, Dr. Ravindra Kumar Pandey and Mr. Mahendra Kumar Sahu. Two gardeners are taking care for water pouring, cleaning from time to time. The medicinal plants maintained in our garden are listed in the table given below. The plantation has made appropriately under the shade of demarcated areas. All the plants are provided with name plates contains vernacular and botanical names. The area of medicinal plant garden is 2446.37 SqM with a permanent arrangement.

Size/area of the garden (03)

- $65 \times 73 = 4745$ sq. ft. (2446.37 Sq. m.)
- Permanent Arrangement
- Demarcated

List of Plants available in the garden

| S. No. | Name of the Plant | Botanical name | Family | Number of Plants |
|--------|-------------------|------------------------------|----------------|------------------|
| 1 | Amla | Embelica officinalis | Euphorbeaceae | 22 |
| 2 | Anar | Punica granatom | Punicaceae | 6 |
| 3 | Nimbu | Citrus lemon | Rutaceae | 8 |
| 4 | Gudhal | Hibiscus rosa-sinesis | Malvaceae | 3 |
| 5 | Kalmegh | Andrographis paniculata nees | Acanthaceae | 55 |
| 6 | Bhringraj | Ecliptu alba husssl | Compositae | 24 |
| 7 | Gudmar | Cymnema sylvestre | Apocynaceae | 6 |
| 8 | Giloy | Tinospora cordifolia'miers' | Menispermaceae | 5 |

| | | | | |
|----|-------------|----------------------------------------------------|------------------|-----|
| 9 | Jamun | Syrzygium cumini (L) skeels
Or Eugenia jabolana | Myrtaceae | 3 |
| 20 | Bail | Aegle marmteos correa | Rutaceae | 6 |
| 22 | Neem | Azadirachta indica | Meliaceae | 7 |
| 23 | Meetha Neem | Murraya koenigii L. | Rutaceae | 4 |
| 23 | Baas | Bambusa arundinacea | poapaeae | 4 |
| 24 | Shahtut | Morusa nigra | Moraceae | 2 |
| 25 | Tejpatta | Cinnamomum tamala | Lauraceae | 3 |
| 26 | Dalchini | Cinnamomum zeylanicum
nees | Lauraceae | 4 |
| 27 | Lemonghash | Cymbopogum citratus | popaceae | 30 |
| 28 | Kolias | Coleus amboinicus benth | Labiatae | 3 |
| 29 | Tulsi | Ocimum sanctum Linn. | Labiatae | 200 |
| 30 | Buch | Acrorus calamus Linn. | Araceae | 4 |
| 32 | Sadasuhagan | Vinca rosea | Apocynaceae | 24 |
| 33 | Chitrak | Plumbago zeylanicum linn. | Plumbaginaceae | 22 |
| 33 | Bramhi | Centella asiatica Linn. urban | Scrophulaviaceae | 6 |
| 34 | Gugul | Commiphora wightii | Burseraceae | 3 |
| 35 | Chhuimui | Mimosa pudica | Fabaceae | 30 |
| 36 | Chandan | Santalum album | Sontalaceae | 3 |
| 37 | Munga | Moringa oleifera Linn. | Moringaceae | 3 |
| 38 | Badam | Amygdala dulcis | Rosaceae | 7 |
| 39 | Haldi | Corcoma longa Linn. | Zingiberaceae | 2 |
| 30 | Kivkunad | Costus speciosus | Costaceae | 3 |
| 32 | Ghritkumari | Aloe barbadensis mill | Lilliacae | 6 |
| 33 | Shishqm | Dalbergia sissoo | Fabaceae | 24 |
| 33 | Seerasa | Serissa japonica | Rubiaceae | 3 |
| 34 | Mehandi | Lawsonia inermis | Lythraceae | 4 |

| | | | | |
|----|-------------|---------------------------|----------------|----|
| 35 | Papeeta | Coricus papaya linn. | Coricaceae | 4 |
| 36 | Amrud | Psidium guajava | Myrtaceae | 4 |
| 37 | Satawar | Asparagus racemosus wild | Lilliacae | 8 |
| 38 | Bhootnashak | Martynia annua | Martyniaceae | 3 |
| 39 | Amaltaas | Cassia fistula linn. | Leguminosae | 4 |
| 40 | Elaychi | Elettaria cardamomum | Zingiberaceae | 3 |
| 42 | Andee | Ricinus communis | Euphorbiaceae | 5 |
| 43 | Hathjod | Vitis quadrangularis wall | Vitaceae | 20 |
| 43 | Peepli | Piper longum | Pipraceae | 4 |
| 45 | Malkagni | celastrus paniculatus | Celustraceae | 3 |
| 46 | Lilly | Lilium | Lilliacae | 3 |
| 47 | Tam | Mangnifera indica | Anacardiaceae | 3 |
| 48 | Patharchata | Bryophyllum pinnatum | Crassolaceae | 23 |
| 49 | Chinku | Manilkara zapota | Sapotaceae | 3 |
| 50 | Adusha | Adthoda zeylanicy | Acanthaceae | 7 |
| 52 | Kauatodi | Martunia annua | Martiniaceae | 2 |
| 53 | Sinduri | Mallotus phillippnensis | Euphorbeaceae | 3 |
| 53 | Bhui Amla | Phullanthos nirori | Euphorbeaceae | 20 |
| 54 | Dhatura | Dhatura Strumonium | Solanaceae | 3 |
| 55 | Guma | Leucas zeylancia | Lamiaceae | 20 |
| 56 | Rosha Ghas | Andropogan Schoenatrus | Poacea | 4 |
| 57 | Gataran | Caesalpinia crista | Caesalpinaceae | 2 |
| 58 | Arjun | Terminalia Arjuna | Combretaceae | 2 |
| 59 | Kapaas | Gossypium herbaceum | Malvaceae | 2 |
| 60 | Harra | Terminalia Chebula | Combretaceae | 3 |
| 62 | Pudeena | Mentha piperita | Lamiaceae | 4 |



Layout of Medicinal Plant Garden



Columbia Institute of Pharmacy, Raipur Available Medicinal Plants



| S. NO. | NAME OF DRUG | BIOLOGICAL SOURCE/FAMILY | PART USED | CHEMICAL CONSTITUENTS | USES | S. NO. | NAME OF DRUG | BIOLOGICAL SOURCE/FAMILY | PART USED | CHEMICAL CONSTITUENTS | USES | S. NO. | NAME OF DRUG | BIOLOGICAL SOURCE/FAMILY | PART USED | CHEMICAL CONSTITUENTS | USES | S. NO. | NAME OF DRUG | BIOLOGICAL SOURCE/FAMILY | PART USED | CHEMICAL CONSTITUENTS | USES |
|--------|-------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------|----------------------------------------------|---------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 01 |  Nimbu | Citrus limon Family: Rutaceae | Fruit | Vit. C, flavonoids, eriodictyol, hesperidin, naringin etc. | Skin, measles, smallpox, skin infection. | 04 |  Cardamom (Black) | Elettaria Cardamomum Family: Zingiberaceae | Fruits | Volatile oil: Cineol, Terpinyl oil | Carminative And Flavoring Agent | 08 |  Centella asiatica | Centella asiatica Family: Umbelliferae | Leaves | Pentacyclic triterpenoids, including asiaticoside, barmoside, asiatic acid, and brahmic acid (madecassic acid) | Treating various skin conditions such as leprosy, lupus, varicose. | 12 |  Coleus | Coleus scutellarioides Family: Lamiales | Root | Alkaloids, flavonoids, tannins, saponins, glycosides etc. | Underactive thyroid, heart disease, respiratory disorders. |
| 02 |  Chitrak | Plumbago zeylanica Family: Plumbaginaceae | Root | Flavonoids, alkaloids, glycosides, steroids etc. | Antioxidant, a nitrolic etc. | 05 |  Patchouli | Pogostemon cablin Family: Lamiaceae | Leaves, fruits | Patchouli, germacrene A, α -patchouli, β -patchouli and patchouli alcohol | Treat colds, headaches, fever, nausea, vomiting, diarrhea etc. | 09 |  Ajwain | Trachyspermum ammi Family: Apiaceae | Flowers, seeds | p-cymene (38.5%), γ -terpinene (23.2%), β -pinene (1.7%), terpinene-4-ol (0.8%) | Infection, cough, bp etc. | 13 |  Ashwagandha | Withania Somnifera Family: Solanaceae | Dried Roots | Alkaloids: Withanone, Ananoline Steroid, Withanone A | Sedative, tonic and aphrodisiac |
| 03 |  Aloe Vera (Chitrak) | Aloe barbadensis Family: Liliaceae | Juice | Anthraquinone, Glycosides, Aloin, Aloe emodin, Aloe Resin | Cathartic and laxative Properties. Also used in Cosmetics. | 06 |  Bach | Acorus calamus Family: Acoraceae | Rhizome | Schizosaccharide, vitamin K, n-octacosanol etc. | Stomach problems, skin problems, earache etc. | 10 |  Ginger | Zingiber officinale Family: Zingiberaceae | Rhizomes | Volatile oil: Bisabolene, Zingiberene, Zingiberol | Carminative And Flavoring Agent, Constrictant, Stimulant | 14 |  Amaltas | Cassia fistula linn. Family: Fabaceae | Fruit, bark, leaves | Glycosides, anthraquinones, folic acid, sennosides, sugars etc. | Fever, piles, colitis, constipation |
| 16 |  Bhringraj | Eclipta alba Family: Asteraceae | Root, stem, leaf | Wedololactone, diemethyl-wedolactone, 7-glycoside, hentriacontanol etc. | Antiseptic, febrifuge, deobsturant, emetic etc. | 07 |  Kasturi bindi | Abelmoschus moschatus Family: Malvaceae | Flowers | Fixed oils, volatile oils, indolic acid, pterinogen, phosphatidylserine, glucose, beta sitosterol, and myristin | Antipyretic, antihysterical, carminative, aphrodisiac, antiscorbutic, antivenom, diuretic | 11 |  Giloy | Tinospora cordifolia Family: Menispermaceae | Leaves | Choline, tinosporin, jacosolamin, n-palmitole, furanoid | Fever, infection, diarrhea, diabetes | 15 |  Gudmar | Gymnema sylvestre Family: Apocynaceae | Leaves | Gymnemic acid, calcium oxalate, saponins etc. | Diabetes, metabolic syndrome, weight loss, cough |
| 17 |  Rauwolfia | Rauwolfia serpentina Family: Apocynaceae | Dried root and rhizome | Alkaloid Reserpine, Ajmalin, Serpentina, Serpentina | Used in Anti-hypertensive, Angina Pectoris & Cardiac Arrhythmia | 20 |  Arjuna | Terminalia Arjuna Family: Combretaceae | Bark | Tannins: Arjunin, Arjunolic Acid | Cardiotonic, Analgesic, Anti-inflammatory, Antispasmodic, Diuretic, Astringent | 23 |  Vincetoxicum | Cathartanthus Roserius Family: Apocynaceae | Dried - entire part | Alkaloids: Vincristine, Vinblastine, Aziridine, Serpentine | In Leukemia, Hodgkins disease, Choriocarcinoma | 27 |  Tulsi | Ocimum Sanctum Family: Labiales | Leaves | Volatile Oil: Eugenol, Methyl-eugenol, Carvacrol, Cryptophyllin | Carminative, antitussive agent, insecticides |
| 18 |  Datura | Datura stramonium Family: Solanaceae | Flower | Hycoscyamine, scopoletin, umbrin, atropine etc. | Stomach pain, infection on toothache, fever and inflammation | 21 |  Boerhaavia diffusa | Nyctagaceae | Whole Plant | Alkaloids: Punarnavine | Diuretic, Anti-inflammatory | 24 |  Meetha Neem | Murraya koenigii Family: Rutaceae | Leaf | Carotene, nicotinic acid, vitamin C, alkaloids, flavonoids, tannins, volatile oil | Nourishes skin, fungal infection, detoxification, improves immunity etc. | 28 |  Guggul | Commiphora mukul Family: Burseraceae | Gum | Guggulsterone, gum resin, Volatile oil | Anti-rheumatic, urinary disease, skin disease |
| 19 |  Pargal | Nyctanthes arborescens Family: Oleaceae | Stem, leaves, flowers and seed | Essential oil, nictanin, d-mannitol, tannin, glucose, carotenoid etc. | Anthelemic, stomachic, pectorant, antiseptic, antifungal etc. | 22 |  Gokhu | Triulsterrestris Family: Zygophyllaceae | Dried ripe Fruits | Saponins: dogenin, Glogenin | Diuretic | 25 |  Turmeric | Curcuma longa Family: Zingiberaceae | Dried rhizomes | Curcumin, Volatile oil, resin | Anti-inflammatory, Condiment, Colouring agent | 29 |  Gudhal | Hibiscus Family: Malvaceae | Flower | Protein, carbohydrate, thiamine, riboflavin etc. | Anti-septic, antispasmodic, laxative, diuretic etc. |
| 32 |  Jamun | Syzygium cumini Family: Myrtaceae | Fruit | Anthocyanins, peonidin, delphinidin, acetyl-digluconide | Diabetes, inflammation, ulcer and diarrhea | 35 |  Garlic (Labeon) | Allium sativum Linn Family: Liliaceae | Ripe bulb | Eucine, methionine, S-propyl-L-cysteine, S-propyl-L-cysteine | Carminative, aphrodisiac, expectorant, stimulant, and used in fevers, coughs, rheumatism | 30 |  Shatroot | Morus alba Family: Moraceae | Fruit | Anthocyanins, polyphenols, flavonoids, and sugar etc. | Anti-hyperglycemic, antidiabetic, antihypertensive, anti-oxidant, anti-inflammatory, cardioprotective etc. | 43 |  Kalmegh | Andropogon paniculatus Family: Acanthaceae | Leaves, root | Diterpenoids, neocandrogapholide etc. | Improves digestion, laxative fever etc. |
| 33 |  Bel | Aegle marmelos Family: Rutaceae | Ripe fruits | Palmitic, stearic, oleic, linoleic and linolenic acid | Anti-oxidant and antibacterial activity | 36 |  Potato (Aloo) | Solanum tuberosum Family: Solanaceae | Starchy tuber | Saturated fatty acids, Vitamin C, protein, carbohydrates | Skin-on or peeled, potato chips, stew ingredient | 40 |  Bas | Indica Bambuseae Family: Poaceae | Leaves and stems | Hemicellulose, lignin etc. | Neurological disorders | 44 |  Coriander (Dhania) | Coriandrum sativum Linn Family: Umbelliferae | Dried ripe Fruits | Borneol, p-cymene, camphor, germinal, limonene, and alpha pinenes | Aromatic, carminative, stimulant, alternative, antispasmodic, diaphoretic, flavouring agent |
| 34 |  Neem | Azadirachta indica Family: Meliaceae | Leaves and seed | Azadirachtin, nimbin, nimbidin, sodium nimbinate, salannin etc. | Inflammation, fever, skin diseases and dental disorders | 37 |  Adusa | Vitex negundo Family: Acanthaceae | Fruit | Alkaloids, tannins, saponins, phenolics, flavonoids | Bronchitis, asthma, dental ailments | 41 |  Anar | Punica granatum Family: Puniceae | Fruit | Punicic acid, linoleic acid, testosterone, estradiol, anemone etc. | Nutrients, antioxidant, inflammation, anticancer, antimicrobial, anesthetic etc. | 45 |  Lemon grass | Cymbopogon citratus Family: Poaceae | Grass | Terpenes: alcohol, ketones, aldehydes, citric etc. | Flavouring, fragrance, medicine, skin infection etc. |
| 47 |  Akarkara | Anacyclus pyrethrum Family: Asteraceae | Root, leaves, flower | Alkaloids, tannins, flavonoids, steroids, and phenols etc. | Inflammation, arthritis etc. | 38 |  Nirgundi | Acacia catechu Family: Verbenaceae | Fruit, seed, leaves | Flavonoids, volatile oil, terpenes, diterpenes, glycosides etc. | Arthritis, menstrual cramps | 42 |  Mentha (Pudina) | Mentha piperita Family: Labiales | Oil obtained by the distillation | Menthyl acetate, isopulegone, cineol, linalyl acetate, limonene, and other less important bodies | Simulant, stomachic, carminative, infatulence, and colic in some dyspepsia | 46 |  Artemisia (Dawa) | Artemisia annua Family: Asteraceae | Whole parts | Flavonoid, phenolic acid | Used material treatment |
| 48 |  Kokard | Costus speciosus Family: Costaceae | Leaves | Diosgenin, sterol, ergosterol, ergosterol etc. | Anti-microbial, anti-fungal etc. | 51 |  Shisham | Dalbergia sissoo Family: Leguminosae | Leaves | Triacetic acids, oligosaccharides, flavonoids, p-henols etc. | Anti-diabetic, antioxidant, anticancer, analgesic, anti-pyretic etc. | 55 |  Onion (Pyaz) | Allium cepa Family: Amaryllidaceae | Rhizome | Thymol methyl ether, carvacrol, limonene epoxide | Cholesterol, diabetes, joint disorders etc. | 59 |  Sundari | Curcuma caesia Family: Zingiberaceae | Dried rhizome | Camphor, cymene, curcumin etc. | Anti-fungal, antibacterial, leucoderma, inflammation, allergic etc. |
| 49 |  Lily | Lilium speciosus Family: Liliaceae | Leaves, flowers | Alkaloids, saponins, steroids, polyaccharides, L-tryptophan etc. | Anti-tumor, anti-inflammation etc. | 52 |  Shatavari | Asparagus racemosus Family: Asparagaceae | Root | Sarsasapogenin, asparagin, ramnosylucoside, steroid, mucilage | Hormonal imbalance, P.C.O.S, infertility etc. | 56 |  Papaya (Papita) | Carica papaya Family: Caricaceae | Fruit and seed | Vitamin A, B, C, proteolytic enzyme, isothiocyanate etc. | GIT disorders, sedative, diuretic etc. | 60 |  Kali haldi | Paidium guajaval Family: Myrtaceae | Leaves and fruit | Vitamin A, B, C, beta carotene, thiamine, phenolic compound etc. | Digestion, constipation, wound healing etc. |
| 50 |  Fennel (Souf) | Foeniculum vulgare Family: Apiaceae | Leaves, seeds | Trans-anethole, 2-pentene etc. | Digestion, cough, vomiting etc. | 53 |  Sars | Trigonella foenum graecum Family: Fabaceae | Leaves and seeds | Quercetin, rutin, vitexin, isovitexin etc. | Diabetes, impotence, milk production, weight loss, testosterone etc. | 57 |  Mung | Cissus quadrangularis Family: Vitaceae | Stem leaves | Phenol, tannins, carotenoids and vitamin C etc. | Swelling, pain, fractures etc. | 62 |  Manikara | Manikara zapota Family: Sapotaceae | Seeds and flowers | Saponin, astringent, tannin etc. | Immune boost, hair skin benefits etc. |
| 63 |  Hara | Opuntia Family: Cactaceae | Whole plant | Gaetic acid, betulinic acid, rithin, vanillin, polyphenols etc. | Liver Blood Boosts Immunity, Heart Control, Blood Sugar | 54 |  Methi (Fenugreek) | Chamaecostus cuspidatus Family: Costaceae | Flowers and leaves | Steroids, alkaloids, flavonoids, terpenes, glycosides etc. | Diabetes | 71 |  Jingli adrak | Zingiber officinale roseae Family: Zingiberaceae | Rhizome | Gingerols, shogaols, p-terphenols etc. | Anti-oxidant, anti-inflammation, cytotoxicity etc. | 75 |  Kapoor kachhi | Hedychium spicatum Family: Zingiberaceae | Bark and roots | Ethyl-p-methoxy cinnamate etc. | Aromatic, anticancer, antifungal, infection, hemorrhoid, and wounds |
| 64 |  Nagfani | Allium ursinum Family: Amaryllidaceae | Rhizome | Allin, alliin, E - aspen, diallyl sulfide, diallyl disulfide etc. | Antibacterial, antifungal, antioxidant, inflammation etc. | 67 |  Insulin | Achyranthes Family: Amaranthaceae | Flowers | Pentatriacontane, 6-hexatriacontane, heptatriacontane, octatriacontane, Ecdysterone and trisaccharide | Asthma, bee sting, rheumatism, debility, heart disease, pneumonia, mumps, influenza, and scurvy | 72 |  Pippali | Piper longum Family: Piperaceae | Leaves, fruits | Coumapherine, methoxyphenyl, piperonyl, piperidine, menthyl, etc. | Gastrointestinal problems, during menstruation and many other conditions | 76 |  Lawsonia (Henna) | Lawsonia inermis Family: Lythraceae | Henna leaves | Lawson (2-hydroxy-1,4-naphthoquinone) | Dandruff, scabies, fungal infection, hemorrhoid, and wounds |
| 65 |  Jungli Lahsun | Abutilon indicum Family: Malvaceae | Flowers, fruits | Alkanols, B-sitosterol, vanillic acid, fumaric acid and amino acid etc. | Bleeding disorders, injuries, burn, no sensation etc. | 68 |  Apoamarga | Stevia rebaudiana Family: Asteraceae | Leaves | Stevioside, steviolbioside, rebaudioside A, B, C, D, E, and dulcoside A | Obesity, high blood pressure, diabetes, and other conditions | 73 |  Barli | Barleria Family: Acanthaceae | Whole plant | Alkaloids, flavonoids, glycosides, saponins etc. | Anti-inflammatory, antitussive, and antifertility properties | 78 |  Patharchhatta | Klanchoe pinnata Family: Crassulaceae | Leaves | Flavonoids, steroids, terpenoids, phenolics etc. | Kidney disorders, joint pain, and muscles etc. |

Overall look and maintenance of the medicinal plant garden

- The areas of medicinal gardens are $65 \times 73 = 4745$ sq. ft. (2446.37 Sq. m. with the boundary wall accordingly demarcated and all the species are marked with the nameplate.
- The overall look of garden gives an impression of permanent arrangement of medicinal garden being used for the practical purpose by the students as per curriculum.
- The medicinal plant garden is permanent. Two permanent gardeners are appointed in regular basis to take care about watering and other requirements.
- The medicinal plant garden has green house facility.
- The cultivation of medicinal plants are proper and kept based on the type of plants. Herbs, xerophytes and shrubs are provided with different locations.
- The plant density of the medicinal plants is maintained properly.

6.6 Non Teaching Support (20)

| |
|-----------------------------|
| Institute Marks (20) |
|-----------------------------|

| Name of the Technical staff | Designation | Date of joining | Qualification | | Other technical skills gained | Responsibility |
|-----------------------------|--------------------------|-----------------|---------------|------|-------------------------------|---------------------------------------------------------------------------------------|
| | | | At Joining | Now | | |
| Ms. Hemlata Patel | Lab Attendant | 13/11/2024 | 12th | 12th | - | To support Lab Technician and faculty Members for smooth conduction of Lab Activities |
| Ms. Lalita Verma | Office Assistant | 08/12/2021 | 12th | 12th | - | To support smooth functioning of office and reception |
| Ms. Madhuri Yadav | Supporting for librarian | 05/02/2025 | 10th | 10th | - | To support Librarian and faculty Members for smooth conduction |

| | | | | | | |
|-----------------------------|------------------------|------------|------|------|---|---------------------------------------------------------------------------------------|
| | | | | | | of Library Activities |
| Ms. Suma Mahanto | Lab Attendant | 15/06/2022 | 10th | 10th | - | To support Lab Technician and faculty Members for smooth conduction of Lab Activities |
| Ms. Gangotri Verma | Animal House Attendant | 01/08/2022 | 12th | 12th | - | To support Lab Technician and faculty Members for smooth conduction of Lab Activities |
| Ms. Jamuna Yadav | Peon | 01/08/2022 | 10th | 10th | - | To support in activities of institute |
| Ms. Deepmala Banjare | Lab Attendant | 01/08/2022 | 10th | 10th | - | To support Lab Technician and faculty Members for smooth conduction of Lab Activities |

6.6.1. Availability of adequate and qualified technical supporting staff for program specific laboratories (10)

Institute Marks (10)

(Assessment based on the information provided in the preceding table)

Supporting and qualified technical supporting staffs are appointed for proper maintenance of laboratories.

| Designation | Name of the Technical Staff | Assigned Lab/Job | Date of Joining | Qualification | |
|------------------------|-----------------------------|--------------------------|-----------------|----------------|-----------------------------------|
| | | | | At Joining | Now |
| Lab Technician | Mr. Santosh Verma | Pharmacognosy | 18/01/2010 | B.Sc. (A.C.Z.) | B.Sc. (A.C.Z.)
M.A. (Sanskrit) |
| Lab Technician | Mr. Jageshwar Verma | Pharmaceutics | 17/09/2012 | B. Sc.
M.A. | B. Sc.
M.A.
B. Ed. |
| Lab Technician | Mr. Vijay Sahu | Pharmaceutical Chemistry | 27/09/2016 | B.Sc. | B. Sc. |
| Store in-charge | Mr. Santosh Dhritlahre | Store | 23/02/2017 | M. Sc. | M. Sc. |

| | | | | | |
|-----------------------|----------------------------|----------------------------------------------------------|------------|---------------------|--------------------|
| Lab Technician | Mr. Yuvraj Sahu | Central Instrumentation Room & Machine Room | 21/08/2023 | B.Sc., PGDCA, B.Ed. | M.Sc. |
| Lab Technician | Mrs. Bindeshwari Digraskar | Pharmaceutical Analysis and Pharmaceutical Biotechnology | 01/12/2017 | B.Sc. B.Ed. | B.Sc. M.Ed. |
| Lab Technician | Ms. Diksha Chandrakar | Pharmacology | 05/07/2023 | B.Pharm, PGDC, MA | B.Pharm, PGDCA, MA |

- In addition 10 staff is working for general maintenance and upkeeping of the institute premises.
- Security of the premises is also taken care by regular employee.
- Driver is also appointed as regular employee.
- The electrical and plumbing works are taken care by out-sourcing.

6.6.2. Incentives, skill upgrade, and professional advancement (10)

(Assessment based on the information provided in the preceding table)

| |
|-----------------------------|
| Institute Marks (10) |
|-----------------------------|

- **Incentives** –The non-teaching staff regularly utilizes the opportunities available in Raipur. Ladies staff is allowed to have one time Maternity leave (6 months). Staff pursuing higher studies is allowed to avail study leave and the short term training programme.
- The ESIC and other medical facility are provided to the employee.
- **Appreciation**– Institute appreciates the non-teaching staff according to performance.
- Every year one employee is awarded by “best employee of the year” & appreciates through give them “Appreciation Letter” & cash prize.
- Provident Fund facilities are provided for non- teaching staff.

List of Best Employee Award

| Year | Name of the Employee | Designation |
|------|-------------------------|-------------------|
| 2024 | Mrs Abhilasha Somawar | Computer Operator |
| 2023 | Mr. Ganga Das | Lab Attendent |
| 2022 | Mr. Santosh Dhritlahare | Lab Technician |
| 2021 | Mr. Jageshwar Verma | Lab Attendent |

- **Skill upgrade** – Institute gives the training at regular interval by industrial experts and faculties of the institute to the technicians for their skill up gradation.

**List of training programmes for skill upgradation, safety programmes/
drills, etc. for lab staff within the institution**

| Sl. No. | Name of the Technician | Date of Training Programme | Name of Faculty | Title |
|---------|-------------------------|----------------------------|-------------------------------------------|-----------------------------------------------------------------|
| 1. | Mr. Vijay Kumar Sahu | 01/05/2025 | Dr. Beena Gidwani | Hands on Training for Handling of UV- Visible Spectrophotometer |
| 2. | Mr. Yuvraj Sahu | 01/05/2025 | Dr. Beena Gidwani | Hands on Training for Handling of UV- Visible Spectrophotometer |
| 3. | Mr. Yuvraj Sahu | 30/04/2025 | Dr. Monika Bhairam | Hands on Training for Handling of Zetasizer |
| 4. | Ms. Babita | 29/04/2025 | Dr. Shashikant Chandrakar | Handling and Operation of Brookfield Viscometer |
| 5. | Mr. Santosh Kumar Verma | 28/04/2025 | Dr. Monika Bhairam & Dr. Disha Kesharwani | Handling and Operation of Spray Dryer |
| 6. | Mr. Vijay Kumar Sahu | 28/04/2025 | Dr. Monika Bhairam & Dr. Disha Kesharwani | Handling and Operation of Spray Dryer |
| 7. | Ms. Babita | 28/04/2025 | Dr. Monika Bhairam & Dr. Disha Kesharwani | Handling and Operation of Spray Dryer |
| 8. | Ms. Babita | 21/12/2024 | Dr. Beena | Handling and safety precautions of laboratory |

| | | | | |
|-----|----------------------------|------------|------------------------------|-----------------------------------------------------------------|
| | | | Gidwani | chemicals |
| 9. | Mrs. Bindeshwari Digraskar | 21/12/2024 | Dr. Beena
Gidwani | Handling and safety precautions of laboratory chemicals |
| 10. | Ms. Babita | 21/12/2024 | Dr. Shiv
Shankar Shukla | Preparation of Analytical Reagents |
| 11. | Mrs. Bindeshwari Digraskar | 21/12/2024 | Dr. Beena
Gidwani | Preparation of Analytical Reagents |
| 12. | Mr. Vijay Kumar Sahu | 04/05/2024 | Dr. Ravindra
Kumar Pandey | Hands on Training for Handling of Supercritical Fluid Extractor |
| 13. | Mr. Santosh Kumar Verma | 04/05/2024 | Dr. Ravindra
Kumar Pandey | Hands on Training for Handling of Supercritical Fluid Extractor |
| 14. | Mr. Yuvraj Sahu | 04/05/2024 | Dr. Shiv
Shankar Shukla | Hands on Training for Handling of UV- Visible Spectrophotometer |
| 15. | Mr. Santosh Kumar Verma | 04/05/2024 | Dr. Rajnikant
Panik | Hands on Training for Handling of Disintegration test apparatus |
| 16. | Vijay Kumar Sahu | 04/05/2024 | Dr. Rajnikant
Panik | Hands on Training for Handling of Disintegration test apparatus |
| 17. | Mr. Santosh Kumar Verma | 27/04/2024 | Dr. Rajnikant
Panik | Hands on Training for Handling of Dissolution test apparatus |
| 18. | Mr. Vijay Kumar Sahu | 27/04/2024 | Dr. Rajnikant
Panik | Hands on Training for Handling of Dissolution test apparatus |
| 19. | Mr. Yuvraj Sahu | 20/04/2024 | Dr. Shashikant
Chandrakar | Hands on Training for Handling of Tablet Punching Machine |
| 20. | Mrs. Bindeshwari | 20/04/2024 | Dr. Shashikant | Hands on Training for Handling of Tablet |

| | | | |
|------------------------------------|------------|---------------------------|-----------------------------------------------------------------|
| Digraskar | | Chandrakar | Punching Machine |
| 21. Mr. Vijay Kumar Sahu | 13/04/2024 | Dr. Shashikant Chandrakar | Handling and Operation of Brookfield Viscometer |
| 22. Mr. Yuvraj Sahu | 13/04/2024 | Dr. Shashikant Chandrakar | Handling and Operation of Brookfield Viscometer |
| 23. Mr. Santosh Kumar Verma | 06/04/2024 | Dr. Shiv Shankar Shukla | Handling and Operation of Melting Point Apparatus |
| 24. Mr. Yuvraj Sahu | 06/04/2024 | Dr. Shiv Shankar Shukla | Handling and Operation of Melting Point Apparatus |
| 25. Mr. Santosh Kumar Verma | 06/04/2024 | Dr. Beena Gidwani | Hands on Training for Handling of Colorimeter |
| 26. Mr. Yuvraj Sahu | 06/04/2024 | Dr. Beena Gidwani | Hands on Training for Handling of Colorimeter |
| 27. Mrs. Alpana Sinha | 10/06/2023 | Dr. Rajnikant Panik | Hands on Training for Handling of Dissolution test apparatus |
| 28. Mr. Sanjay Sahu | 10/06/2023 | Dr. Rajnikant Panik | Hands on Training for Handling of Dissolution test apparatus |
| 29. Mr. Sanjay Sahu | 08/04/2023 | Dr. Shiv Shankar Shukla | Hands on Training for Handling of UV- Visible Spectrophotometer |
| 30. Mrs. Alpana Sinha | 08/04/2023 | Dr. Shashikant Chandrakar | Handling and Operation of Brookfield Viscometer |
| 31. Mr. Sanjay Sahu | 08/04/2023 | Dr. Shashikant Chandrakar | Handling and Operation of Brookfield Viscometer |
| 32. Mr. Sanjay Kumar Sahu | 04/04/2022 | Dr. Shiv Shankar Shukla | Handling & Operation on HPLC & Particle Size Analyzer |
| 33. Mr. Gajendra Sonwani | 11/02/2022 | Dr. Shiv Shankar Shukla | Handling & Operation on HPLC & Particle Size Analyzer |

**List of training programmes for skill upgradation, safety programmes/
drills, etc. for lab staff outside the institution**

| Sl. No. | Name of the Technician | Duration of Training | Name of Industry | Title |
|---------|----------------------------|----------------------|------------------------------------|-------------------------------------------------------------------------------|
| 1. | Ms. Babita | 2 Days | Paras Vanspati pvt.ltd. Urla | Training on extraction of phytoconstituents |
| 2. | Mr. Yuvraj Sahu | 2 Days | Devleela Biotech | Safety Measurement in Laboratory and Calibration of Sophisticated Instruments |
| 3. | Mr. Vijay Kumar Sahu | 2 Days | Devleela Biotech | Safety Measurement in Laboratory and Calibration of Sophisticated Instruments |
| 4. | Mr. Santosh Verma | 2 Days | Paras oil extraction pvt.ltd. Urla | Preparation of Analytical Reagents |
| 5. | Ms. Diksha Chandrakar | 2 Days | Paras oil extraction pvt.ltd. Urla | Preparation of Analytical Reagents |
| 6. | Mrs. Bindeshwari Digraskar | 2 Days | Devleela Biotech | Training on extraction of phytoconstituents |
| 7. | Mrs. Alpana Sinha | 2 Days | Devleela Biotech | Training on extraction of phytoconstituents |



➤ Professional Advancement –

The Non Teaching Staffs Supported to pursue their Higher Studies.

| Designation | Name of the Technical Staff | Date Joining | of | Qualification | |
|----------------|-----------------------------|--------------|----|---------------------|--------------------------------------|
| | | | | At Joining | Now |
| Lab Technician | Mr. Santosh Verma | 18/01/2010 | | B.Sc. (A.C.Z.) | B.Sc. (A.C.Z.)
M.A.
(Sanskrit) |
| Lab Technician | Mr. Yuvraj Sahu | 21/08/2023 | | B.Sc., PGDCA, B.Ed. | M.Sc. |
| Lab Technician | Mrs. Bindeshwari Digraskar | 01/12/2017 | | B.Sc. B.Ed | B.Sc. M.Ed. |

| Sl. No. | Assessment Parameters | Marks | |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|
| | | Prescribed | Institute |
| 6.1 | Availability of adequate, well-equipped classrooms to meet the curriculum requirements | 15 | 15 |
| 6.2 | Faculty rooms | 5 | 5 |
| 6.3 | Laboratories including preparation room (wherever applicable) instrument/machine room and computer labs along with the equipment and relevant facilities | 60 | 60 |
| 6.4 | Drug Museum | 5 | 5 |
| 6.5 | Medicinal Plant Garden | 5 | 5 |
| 6.6 | Non Teaching Support | 20 | 20 |
| 6.6.1 | Availability of adequate and qualified technical supporting staff for program specific laboratories | 10 | 10 |
| 6.6.2 | Incentives, skill upgrade, and professional advancement | 10 | 10 |
| TOTAL | | 130 | 130 |
| Percentage | | | 100% |

CRITERION 7: CONTINUOUS IMPROVEMENT
7 Continuous Improvement (75)
7.1 Improvement in Success Index of Students without the backlog (15)
Institute Marks (10.50)

Columbia Institute of Pharmacy is approved by PCI, AICTE New Delhi and affiliated to CSVTU Bhilai. Students get admission into the B. Pharm. Course based on PPHT rank. . Students get admission as per the norms and regulation of DTE, Chhattisgarh. Our faculty strives hard in teaching by various approaches such as regular classes with audio visual aids, tutorial class, remedial class, mentoring system and other co- and extra – curricular activities. Moreover, institute has experienced technical staff who explores their experience during the experiments. All these collective efforts has lead to the improvement of success index year by year, as depicted in the following table

| Items | LYG | LYGm1 | LYGm2 |
|-----------------------------------|------|-------|-------|
| Success index (from 4.2.1) | 0.88 | 0.57 | 0.67 |

SI = (Number of students who graduated from the program without backlog) / {(Number of students admitted in the first year of that batch) plus (lateral entry students admitted in second year of study)}

Assessment shall be based on improvement trends in success indices. Marks are awarded accordingly.

7.2 Improvement in Placement and Higher Studies (15)
Institute Marks (13)

Assessment is based on improvement in

- *Placement: Number, quality placement, core industry, pay packages etc.*
- *Higher studies: Performance in GPAT etc., and admissions in premier institutions*

| Items | LYG(2020-21) | LYGm1(2019-20) | LYGm2(2018-19) |
|------------------------|--------------|----------------|----------------|
| Placement index | 0.90 | 0.76 | 0.86 |

(from 4.7)

7.3 Improvement in the API of the Final Year Students (10)

Institute Marks (7.48)

Academic Performance Index (API) = ((Mean of Final Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Final Year/10)) × (successful students/number of students appeared in the examination)

In addition to the information provided above, our faculty educates students in a well planned manner by organizing guest lectures, workshops, seminars, industry – institute interaction, students and staff are encouraged to programs and summer projects. The following table provides the outcome of improvement in academic performance of CIP.

Successful students are those who passed in all the final year courses

| Academic Performance | CAY | CAYm2 | CAYm3 |
|------------------------------------------------------------------------------------------------------------------------|------|-------|-------|
| Mean of CGPA or Percentage of all Successful Students (X) (X= Mean of Percentage of all successful students/10) | 7.4 | 7.82 | 7.7 |
| Total no. of Successful Students(Y) | 91 | 92 | 73 |
| Total no. Students appeared in the examination (Z) | 93 | 96 | 73 |
| API = X* (Y/Z) | 7.24 | 7.49 | 7.70 |

Average API [(AP1 + AP2 + AP3)/3]: 7.48

Academic Performance = Average API = [(AP1 + AP2 + AP3)/3]: 7.48

7.4 Improvement in the quality of students admitted to the program (15)

Institute Marks (13)

Assessment is based on improvement in terms of ranks/score in qualifying state level/national level entrances tests, percentage marks in Physics, Chemistry and Mathematics in 12th Standard and percentage marks of the lateral entry students.

| Item | | CAY(2024-25) | CAYm1(2023-24) | CAYm2(2022-23) |
|----------------------------------------------------------------------------------------------------|---------------------------------|--------------|------------------------------|------------------------------|
| National Level Entrance Examination (Name of the Entrance Examination) | No. of Students admitted | 0 | 0 | 0 |
| | Opening Score/Rank | 0 | 0 | 0 |
| State/University/ Level Entrance Examination/ Others (Name of the Entrance Examination) | No. of Students admitted | 84 | 90 | 84 |
| | Opening Score/ Rank | 75 | 67 | 765 (Rank) |
| | Closing Score / Rank | 26 | 24 | 22218 (Rank) |
| Name of the Entrance Examination for Lateral Entry or lateral entry details | No. of Students admitted | 06 | 03 (through DTE Counselling) | 06 (through DTE Counselling) |
| | Opening Score / Rank | 0 | 0 | 0 |
| | Closing Score/Rank | 0 | 0 | 0 |
| Average CBSE / Any other Board Result of admitted students (Physics, Chemistry & Maths) | | 0 | 0 | 0 |

7.5 Actions taken based on the results or evaluation of each of the Pos (20)

| |
|-----------------------------|
| Institute Marks (20) |
|-----------------------------|

Identify the areas of weakness in the program based on the analysis of evaluation of POs attainment years.

Actions to be written as per table in 3.3.2.

POs Attainment Levels and Actions for improvement – CAY (2023-24)

| POs | Target Level | Attainment Level | Observations |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------|--------------------------|
| PO1: <u>Pharmacy Knowledge</u> | | | |
| PO1 | 65% | 91.66% | Target Level is Attained |
| Action: 1 Guest talks were arranged to give latest information regarding the advancement in the field of Pharmacy. | | | |
| | | | |
| PO2: <u>Planning Abilities</u> | | | |
| PO2 | 65% | 79.34% | Target Level is Attained |
| Action 1: Organizing college functions as a team through student's council to develop management and leadership skill. More responsibilities will be given to the students to learn management skills. | | | |
| | | | |
| PO3: <u>Problem analysis</u> | | | |
| PO3 | 65% | 83% | Target Level is Attained |
| Actions: Students were taught statistical methods to solve pharmaceutical problems. | | | |
| | | | |
| PO4: <u>Modern tool usage</u> | | | |
| PO4 | 65% | 80% | Target Level is Attained |
| Action 1: Exposure given to the students for modern tools usage in animal studies and drug analysis. | | | |
| | | | |
| PO5: <u>Leadership skills</u> | | | |
| PO5 | 65% | 84% | Target Level is Attained |
| Action 1: Students were motivated to participate in various programs of communication skills, career attributes and personality development. | | | |
| | | | |
| PO6: <u>Professional Identity</u> | | | |
| PO6 | 65% | 75.33% | Target Level is Attained |
| Action 1: Students were encouraged to participate in social activities. | | | |
| PO7: <u>Pharmaceutical Ethics</u> | | | |

| | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|--------------------------|
| PO7 | 65% | 79% | Target Level is Attained |
| Action 1: Students were taught code of ethics during pharmacy practice. | | | |
| <u>PO8: Communication</u> | | | |
| PO8 | 65% | 81.33% | Target Level is Attained |
| Action 1: Students were made aware about importance of interview skills. | | | |
| <u>PO9: The Pharmacist and society</u> | | | |
| PO9 | 65% | 81.66% | Target Level is Attained |
| Action: To understand the elements of pharmaceutical care and compressive patient care system. | | | |
| <u>PO10: Environment and sustainability</u> | | | |
| PO10 | 65% | 79.33% | Target Level is Attained |
| Action 1: Guest talks were arranged on how to discard the expired drugs and sustainability of environment. | | | |
| <u>PO11: Life-long learning</u> | | | |
| PO11 | 65% | 81% | Target Level is Attained |
| Action 1: Students were encouraged to undertake education courses to acquire new knowledge related to latest development in the field of pharmaceutical sciences. | | | |

POs Attainment Levels and Actions for improvement – CAYm1 (2022-23)

| POs | Target Level | Attainment Level | Observations |
|-----------------------------------------------------------------------------------------------------------------------------|--------------|------------------|--------------------------|
| <u>PO1: Pharmacy Knowledge</u> | | | |
| PO1 | 65% | 91.95% | Target Level is Attained |
| Action: Industrial exposure was enhanced through visit. | | | |
| <u>PO2: Planning Abilities</u> | | | |
| PO2 | 65% | 77.85% | Target Level is Attained |
| Action 1: Students were involved in critical analysis of analytical problems and selection of appropriate analytical tools. | | | |

| | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------|---------------------------------|
| PO3: <u>Problem analysis</u> | | | |
| PO3 | 65% | 78.97% | Target Level is Attained |
| Actions: Students were taught statistical methods to solve pharmaceutical problems. | | | |
| PO4: <u>Modern tool usage</u> | | | |
| PO4 | 65% | 76.74% | Target Level is Attained |
| Action : Exposure given to the students for modern tools usage in animal studies and drug assay. | | | |
| PO5: <u>Leadership skills</u> | | | |
| PO5 | 65% | 74.15% | Target Level is Attained |
| Action 1: Students were given exposure to various modern tools for their skill enhancements. | | | |
| PO6: <u>Professional Identity</u> | | | |
| PO6 | 65% | 75.17% | Target Level is Attained |
| Action 1: Encouraged to participate in the extra-curricular activities through NSS in the society. To identify the problems in the society and the scope for solving through pharmacy. | | | |
| PO7: <u>Pharmaceutical Ethics</u> | | | |
| PO7 | 65% | 75.95% | Target Level is Attained |
| Action 1: A lectures were arranged to inculcate ethical and social responsibilities. | | | |
| PO8: <u>Communication</u> | | | |
| PO8 | 65% | 77.51% | Target Level is Attained |
| Action 1: Students were encouraged to participate in various social and scientific activities. Also they involved in the community pharmacy programs like blood donation camp, medicine distribution camp and health camps etc. | | | |
| PO9: <u>The Pharmacist and society</u> | | | |

| | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|--------------------------|
| PO9 | 65% | 76.53% | Target Level is Attained |
| Action: More interactive session were planned with professional from industry in order to expose the future of generic medicines in India and were given insight knowledge of pharma science behind traditional health practices. | | | |
| PO10: <u>Environment and sustainability</u> | | | |
| PO10 | 65% | 77.44% | Target Level is Attained |
| Action 1: Students were involved in a campaign of “Plastic free College” and "Recycling and reuse concepts". | | | |
| PO11: <u>Life-long learning</u> | | | |
| PO11 | 65% | 75.84% | Target Level is Attained |
| Action 1: Assignments were given as per the courses. | | | |

POs Attainment Levels and Actions for improvement – CAYm2 (2021-22)

| POs | Target Level | Attainment Level | Observations |
|----------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------|--------------------------|
| PO1: <u>Pharmacy Knowledge</u> | | | |
| PO1 | 65% | 89.93% | Target Level is Attained |
| Action: 1 Interaction with alumni to know more about our profession. | | | |
| PO2: <u>Planning Abilities</u> | | | |
| PO2 | 65% | 76.86% | Target Level is Attained |
| Action 1: Students were encouraged to apply knowledge in developing new procedures. | | | |
| PO3: <u>Problem analysis</u> | | | |
| PO3 | 65% | 77.40% | Target Level is Attained |
| Actions: More interactive sessions were planned with professionals from industry in order to expose the industrial /societal problems. | | | |
| PO4: <u>Modern tool usage</u> | | | |

| | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------|
| PO4 | 65% | 75.76% | Target Level is Attained |
| Action : Students were given exposure to various modern tools for their skill enhancements. | | | |
| PO5: <u>Leadership skills</u> | | | |
| PO5 | 65% | 74.36% | Target Level is Attained |
| Action 1: Students were motivated to participate in various programs of communication skills, career attributes and personality development. | | | |
| PO6: <u>Professional Identity</u> | | | |
| PO6 | 65% | 75.13% | Target Level is Attained |
| Action 1: NOT APPICABLE | | | |
| PO7: <u>Pharmaceutical Ethics</u> | | | |
| PO7 | 65% | 76.45% | Target Level is Attained |
| Action 1: Students are encouraged to participate in various activities organised by institute. | | | |
| PO8: <u>Communication</u> | | | |
| PO8 | B. Pharm III English Communiation II | 77.59% | It is observed that the number of students belongs from tribal area. Therefore they are facining problem to understand English language. |
| Action 1: Group activities were conducted to develop communication skills. | | | |
| PO9: <u>The Pharmacist and society:</u> | | | |
| PO9 | 65% | 76.77% | Target Level is Attained |
| Action: NTo understand the elements of pharmaceutical care and compressive patient care system. | | | |
| PO10: <u>Environment and sustainability</u> | | | |
| PO10 | 65% | 79.04% | Target Level is Attained |
| Action: Guest talks were arranged on how to discard the expired drugs and | | | |

sustainability of environment.

PO11: Life-long learning

| | | | |
|-------------|------------|---------------|---------------------------------|
| PO11 | 65% | 75.52% | Target Level is Attained |
|-------------|------------|---------------|---------------------------------|

Action 1: Students were encouraged to undertake education courses to acquire new knowledge related to latest development in the field of pharmaceutical sciences.

| Sl. No. | Assessment Parameters | Marks | |
|-------------------|---------------------------------------------------------------------|------------|---------------|
| | | Prescribed | Institute |
| 7.1 | Improvement in success index of students without the backlog | 15 | 10.50 |
| 7.2 | Improvement in Placement and Higher studies | 15 | 13 |
| 7.3 | Improvement in the API of the Final Year students | 10 | 7.48 |
| 7.4 | Improvement in the quality of students admitted to the program | 15 | 13 |
| 7.5 | Actions taken based on the results of evaluation of each of the Pos | 20 | 20 |
| TOTAL | | 75 | 63.98 |
| Percentage | | | 85.30% |

CRITERION 8: STUDENT SUPPORT SYSTEMS

8 Student Support Systems (50)**8.1 Mentoring system to help at individual levels (5)****Institute Marks (4)**

(Details of the mentoring system that has been developed for the students for various purposes and also states the efficacy of such system)

- An effective mentoring system (Student Teacher Mentor System) has already been implemented in our institute.
- All the students of the institute are coming under this system from the date of joining of the institute.
- A complete track of the student activities like Academic, Curricular, Co-curricular, Extra-curricular achievements, Social activities are maintained through this scheme.
- Faculties maintain teacher students mentor file. Each faculty allocated with 10-15 students under the mentoring system.
- Faculty meets the students periodically and their academic progress are discussed.

Type of mentoring:**Professional guidance**☐**Career advancement**☐**Course work specific**☐**Laboratory specific**☐**All-round development**☒**Number of faculty mentors:** 45**Number of students per mentor:** 10 to 15 Students**Frequency of meeting:** Monthly/Whenever Required

**COLUMBIA INSTITUTE OF PHARMACY
NEAR VIDHAN SABHA, VILL TEKARI, RAIPUR**

ACADEMIC RECORD

Date of Admission:

1. Name of the Candidate : _____
(In block letters as per SSC records)
2. Name of the Father : _____
(As per SSC records)
3. Date of Birth :

| | | |
|-----|-------|------|
| Day | Month | Year |
| | | |
4. (As per SSC records)

Photo

| Qualification | SSC | INTER/DIP |
|---------------|-----|-----------|
| Y/P | | |
| Marks | | |
| % Marks | | |

Signature of Candidate

5. Entrance Rank:
6. a) Address for Correspondence (With Phone No.) _____

- b) Permanent Address (With Phone No.) _____

7. Parent / Guardian: Occupation _____ Annual Income : _____
8. Category: _____ Native Place: _____
10. Mobile No: _____ e-mail id: _____

Identification Marks 1.

| Sem | Sessional Marks (1 st & 2 nd CT) | | | | ESE Marks | | | Co-curricular | Fee payment Status | Remark |
|-----------------|--------------------------------------------------------|-------|------|-------|-----------|-------|------|---------------|--------------------|--------|
| | Obt. | total | Obt. | total | Obt. | Total | %age | | | |
| 1 st | | | | | | | | | | |
| 2 nd | | | | | | | | | | |
| 3 rd | | | | | | | | | | |
| 4 th | | | | | | | | | | |
| 5 th | | | | | | | | | | |
| 6 th | | | | | | | | | | |
| 7 th | | | | | | | | | | |
| 8 th | | | | | | | | | | |

**Janpragati Education Society's
Columbia Institute of Pharmacy, Tekari, Raipur (C.G.)
B.Pharma II Sem (2024-25) – Teacher Guardian List**

| Student's Name | Father's Name | Mentor's Name |
|---------------------|---------------------|----------------|
| Aiditi Thakur | Tirth Singh Thakur | Dr. Neha Dubey |
| Anchal Nayak | Rajkumar Nayak | |
| Anjali Gupta | Deepchand Gupta | |
| Anuradha Verma | Sanjay Kumar Verma | |
| Babli Verma | Upendra Verma | |
| Bhavna Singh Thakur | Suresh Singh Thakur | |

| | | |
|-----------------------|------------------------|------------------|
| Bhumika Verma | Hori Lal Verma | |
| Bhuneshwari Sahu | Mukesh Kumar Sahu | |
| Deepshikha Nag | Debashish Nag | |
| Harsha Jangde | Vijay Jangde | |
| Heena Verma | Takeshwar Prasad verma | |
| Heenal Agrawal | Himanshu Agrawal | |
| Laxmi Sahu | Shiv Prasad Sahu | |
| Madhu Sahu | Ganpat Sahu | |
| P Krithya | Puyal Raman | |
| Prerna Sharma | Byas Narayan Sharma | |
| Priya Dewangan | Gokul Dewangan | |
| Priyanka Chauhan | Banas Ram Chauhan | |
| Ruchi Sahu | Om Narayan Sahu | |
| Sarika Verma | Laxmikant Verma | Ms. Ayushi Gupta |
| Shalini Verma | Ramniwas Verma | |
| Shreya Shriwas | Ramkumar Shriwas | |
| Siddhi Sahu | Chinta Ram Sahu | |
| Stuti | Chandrashekhar Yadu | |
| Subhanshi Palai | Suchitra Kumar Palai | |
| Tamanna | Gaukaran Sahu | |
| Veena Sahu | Santosh Sahu | |
| Yashu Bansal | Kishor | |
| Yogita Sahu | Ramprakash | |
| Abdul Muzeeb Ahmad | Mohd Iqbal Khatri | Mr. Swapnil Lall |
| Aditya Verma | Maheshwar Verma | |
| Ankit Kumar Sharma | Shashi Bhushan Sharma | |
| Ankit Kumar Soni | Virendra Shankar Soni | |
| Atul Kumar Verma | Bhim Kumar Verma | |
| Avinash Yadu | Makhan Lal Yadu | |
| Bhushan Kumar Sahu | Manharan | |
| Dageshwar Sahu | Prem Lal Sahu | |
| Dhiraj Sahu | Puranlal Sahu | |
| Durgesh Kumar Malekar | Toran Lal Malekar | |
| Gulshan Kumar | Jitendra Kumar | |
| Gulshan Sonkar | Rakesh Sonkar | |
| Himanshu Ratre | Gangadas Ratre | |
| Hitesh Dewangan | Shankar Lal Dewangan | |
| Husain Nagariya | Khozema Nagariya | |
| Jitesh Kumar Sahu | Vinod Kumar Sahu | |
| Khilesh Kumar Verma | Chandraprakash Verma | Mr. Gaurav Verma |
| Kunal Verma | Narad Verma | |
| Lilesh Nirmalkar | Bijendra Nirmalkar | |

| | | |
|--------------------------|----------------------|--|
| Mahendra Verma | Ashish Kumar Verma | |
| Mo. Emran Ansari | Kyamuddin | |
| Narayan Sahu | Bhagwati Sahu | |
| Nitish Kumar Banjare | Lalchand Banjare | |
| Nomesh Kumar Bairagi | Ashok Kumar Bairagi | |
| Pankaj Kashyap | Bhopendra Kashyap | |
| Partho Mistry | Paresh Mistry | |
| Pavendra Patel | Malik Ram Patel | |
| Piyush Kapadiya | Dinesh Kumar | |
| Prabhat Kumar Sahu | Lokesh Sahu | |
| Pramod | Toplal | |
| Pranav Puri Goswami | Ishwar Puri Goswami | |
| Praveen Sahu | Sewa Ram Sahu | |
| Pritesh Sonwani | Pratap Sonwani | |
| Rahul Sahu | Chetan Kumar Sahu | |
| Rishikant Kumar | Dilip Kumar | |
| Ritik Verma | Dindayal Verma | |
| Rustam Patel | Pradep Patel | |
| Sagar Verma | Navrang Lal Verma | |
| Sahil Mishra | Dharamprakash Mishra | |
| Saurabh Sahu | Bhanupratap Sahu | |
| Shubham Kumar Chandrakar | Loknath Chandrakar | |
| Siddharth Dewangan | Ashok Kumar | |
| Toman | Dindayal Sahu | |
| Uday Kumar | Sanat Kumar | |
| Vikram Aditya Sen | Deepak Sen | |
| Vimal Kumar Sahu | Suresh Kumar Sahu | |
| Yash Agrawal | Ravindra Agrawal | |
| Yashwant Sonkar | Manoj Sonkar | |
| Yugal Kishor Sahu | Punau Ram Sahu | |
| Yugant Chandrakar | Heeraman | |
| Yuvraj Kashyap | Nakul Kashyap | |

Dr. Monika Bhairam

Janpragati Education Society's
Columbia Institute of Pharmacy, Tekari, Raipur (C.G.)
B.Pharm IV Sem (2024-25) – Teacher Guardian List

| Student's Name | Father's Name | Mentor's Name |
|-----------------|------------------|-----------------|
| Aastha Ware | Harishnkar Ware | Ms. Poonam Sahu |
| Ananya Sinha | Teeku Ram Sinha | |
| Bhumika Verma | Vijay Verma | |
| Deeksha Koshley | Fagu Ram Koshley | |

| | | |
|-----------------------|-------------------------|---------------------------|
| Divya Verma | Thakur Ram Verma | |
| Harshita Sahu | Bhagwati Prashad Sahu | |
| Hema Nishad | Chinta Ram Nishad | |
| Kajal Malakar | Suday Bhagat | Ms. Ayushi Gupta |
| Khusi Sinha | Dileshwar | |
| Laxmi Verma | Shatruhan Verma | |
| Maheshwari Patel | Ghanshyam Patel | |
| Menka Nishad | Ramlal Nishad | |
| Monika Singh | Hemant Singh | |
| Neha Verma | Manoj Kumar Verma | |
| Payal Verma | Santosh Kumar Verma | |
| Poonam Tarak | Parsu Ram | |
| Radhika Banjare | Mangal Das | Ms. Manisha Verma |
| Rameshwari | Vedram Sahu | |
| Reshma Nishad | Kunjlal Nishad | |
| Riya | Kaushal Sahu | |
| Ruchi Dewangan | Uttra Dewangan | |
| Sakshi Sahu | Dashrath Sahu | Ms. Sandhya Mishra |
| Sarah Aijaz Haque | Aijaz Ul Haque | |
| Shruti Verma | Chandrasahas Verma | |
| Sushmita Sahu | Pawan Kumar Sahu | |
| Upasana Sahu | Sanjay Kumar Sahu | |
| Varsha Chandel | D P Chandel | |
| Vibha Sen | Gyaneshwar Sen | |
| Yashashwi Ostwal | Jitendra Ostwal | |
| Yogita | Bhagwati Prasad | |
| Yogita Chandravanshi | Mukesh Chandravanshi | |
| Yukti | Ajant Ram | |
| Anishka Yadav | Pawan Kumar Yadav | |
| Shashi Sen | Rishivant Sen | |
| Suhani Markam | Uday Kumar Markam | |
| Priya Verma | Gopal Prasad Verma | |
| Adarsh Mishra | Ashwani Mishra | Prof. Trilochan Satapathy |
| Aishwarya Kumar Singh | Late Ashish Kumar Singh | |
| Amit | Suresh Kumar Patel | |
| Aniket Sahu | Premlal Sahu | |
| Chhatrapal Verma | Topkumar Verma | |
| Chintamani Sahu | Netram Sahu | |
| Dhanraj Sahu | Dukhit Ram Sahu | |
| Divyansh | Ramnarayan | |
| Gaurav Tiwari | Surendra Tiwari | |
| Gavesh | Damen | |

| | | |
|------------------------|----------------------|------------------|
| Gulshan Nagesh | Pustam Ram Nagesh | Ms. Anjali Sinha |
| Hari Narayan Sahu | Ghanshyam Sahu | |
| Harsh Sahu | Bharat Sahu | |
| Hemraj Tarak | Uttam Tarak | |
| Himanshu Nayak | Mukesh Nayak | |
| Himanshu Sahu | Chaitram Sahu | |
| Jatin Sahu | Degeshwar | |
| Jitendra Kumar Sahu | Ravishankar Sahu | |
| Kamlesh Mandal | Ronik Mandal | |
| Khumeshwar Das Bairagi | Anup Das Bairagi | |
| Kunal Verma | Chandrashekhar Verma | |
| Laxmikant Sonwani | Balak Das Sonwani | |
| Lokesh Chainani | Ravi Chainani | |
| Manish Sonwani | Kedar Sonwani | |
| Md Asgar Ali | Md Ali Hassan | |
| Mohammad Yasin Khan | Mohammad Moin Khan | |
| Nikhil Kumar Sahu | Manohar Sahu | |
| Nobal Sahu | Keshav Sahu | |
| Pranjal Dubey | Pramod Kumar Dubey | |
| Priyanshu Thakur | Mahendra Thakur | |
| Pushkar Kumar Yadav | Rajendra Kumar Yadav | Mr. Sagar Sahu |
| Rahul Kumar | Suresh | |
| Rishi Gupta | Bhole Nath Gupta | |
| Rudra Pratap Yadav | Maheshwar Yadav | |
| Sahil Kumar Sahu | Kamta Prasad Sahu | |
| Sahil Verma | Dhananjay Verma | |
| Satanand Sahu | Chaubis Ram | |
| Saurabh Kumar Sahu | Surendra Kumar Sahu | |
| Shantnu Kumar Sahu | Ashok Kumar Sahu | |
| Sourabh Kumar Mishra | Gopal Mishra | |
| Surya Dahariya | Jaylal Dahariya | |
| Tilak Kumar Kurre | Satkumar Kurre | |
| Tokendra | Aatma Ram | |
| Vikas Banjare | Devadas | |
| Vimal Diwakar | Vijay Diwakar | |
| Vineet Kumar | Vijay Kumar | |
| Vivek Sinha | Prakash Sinha | |
| Yashwant Koshle | Rajendra Koshle | |
| Akram Khan | Mo. Aasif Khan | |
| Dhanendra Kumar | Suresh Kumar | |
| Vishwakarma | Vishwakarma | |

**Janpragati Education Society's
Columbia Institute of Pharmacy, Tekari, Raipur (C.G.)
B.Pharm VI Sem (2024-25) – Teacher Guardian List**

| Roll No. | Student's Name | Mentor's Name |
|-----------------|-------------------------------------|-----------------------------|
| 302104122001 | Isha Verma, D/o Sher Singh Verma | Ms. Poonam Sahu |
| 302104122002 | Vandna Rani Bhagat | Ms. Disha Kesharwani |
| 302104122003 | Isha Verma, D/o Vishnu Prasad Verma | Ms. Poonam Sahu |
| 302104122004 | Nikita Verma | Ms. Ayushi Gupta |
| 302104122005 | Saurabh Kumar Sahu | Mr. Mahendra Kumar Sahu |
| 302104122006 | Tupesh Kumar Sahu | Mr. Mahendra Kumar Sahu |
| 302104122007 | Tushar Sahu | Mr. Mahendra Kumar Sahu |
| 302104122008 | Bhupesh Verma | Mr. Shailendra Kumar Sharma |
| 302104122009 | Nisha Koshale | Ms. Ayushi Gupta |
| 302104122010 | Leelesh Kumar Yadav | Mr. Piyush Sahu |
| 302104122011 | Dhanraj Verma | Mr. Shailendra Kumar Sharma |
| 302104122012 | Srishti Sharma | Ms. Disha Kesharwani |
| 302104122013 | Sameer Kumar Chaudhary | Mr. Mahendra Kumar Sahu |
| 302104122014 | Nikita Sahu | Ms. Ayushi Gupta |
| 302104122015 | Narendra Dahariya | Mr. Piyush Sahu |
| 302104122016 | Parul Pandey | Ms. Ayushi Gupta |
| 302104122017 | Domesh Kumar Yadav | Mr. Shailendra Kumar Sharma |
| 302104122018 | Pankaj Kumar | Mr. Piyush Sahu |
| 302104122019 | Digendra Verma | Mr. Shailendra Kumar Sharma |
| 302104122020 | Leena Sinha | Ms. Renuka Verma |
| 302104122021 | Surendra Dahariya | Mr. Mahendra Kumar Sahu |
| 302104122022 | Priyanka Nishad | Ms. Disha Kesharwani |
| 302104122023 | Shilpa Sen | Ms. Disha Kesharwani |
| 302104122024 | Girish Dewangan | Mr. Shailendra Kumar Sharma |
| 302104122025 | Omin Sahu | Ms. Ayushi Gupta |
| 302104122026 | Amar Sahu | Mr. Shailendra Kumar Sharma |
| 302104122027 | Khilesh Sahu | Mr. Piyush Sahu |
| 302104122028 | Bhumi Rathore | Ms. Poonam Sahu |
| 302104122029 | Shrawani Sahu | Ms. Disha Kesharwani |
| 302104122030 | Sunil Kumar Banjare | Mr. Mahendra Kumar Sahu |
| 302104122031 | Ravneet Kaur | Ms. Disha Kesharwani |
| 302104122032 | Khemraj Sahu | Mr. Piyush Sahu |
| 302104122033 | Tamanna Verma | Ms. Disha Kesharwani |
| 302104122034 | Deepak Sahu | Mr. Shailendra Kumar Sharma |
| 302104122035 | Toran Sahu | Mr. Mahendra Kumar Sahu |
| 302104122036 | Suman Sen | Ms. Disha Kesharwani |

| | | |
|--------------|----------------------|-----------------------------|
| 302104122037 | Lukendra Kumar | Mr. Piyush Sahu |
| 302104122038 | Priyanshu | Mr. Mahendra Kumar Sahu |
| 302104122039 | Fanish Kumar | Mr. Shailendra Kumar Sharma |
| 302104122040 | Soumya Sahu | Ms. Disha Kesharwani |
| 302104122041 | Varun Sahu | Mr. Mahendra Kumar Sahu |
| 302104122042 | Tukeshwar Sahu | Mr. Mahendra Kumar Sahu |
| 302104122043 | Mohit Singh Thakur | Mr. Piyush Sahu |
| 302104122044 | Yogesh Kumar Sahu | Mr. Mahendra Kumar Sahu |
| 302104122045 | Rahul Kumar Sahu | Mr. Mahendra Kumar Sahu |
| 302104122047 | Abhishek Kumar Verma | Mr. Shailendra Kumar Sharma |
| 302104122048 | Ayush M Nandanwar | Mr. Shailendra Kumar Sharma |
| 302104122049 | Harshraj Verma | Mr. Piyush Sahu |
| 302104122050 | Aryan Dewangan | Mr. Shailendra Kumar Sharma |
| 302104122051 | Gyandeep | Mr. Shailendra Kumar Sharma |
| 302104122052 | Nikhil Mishra | Mr. Piyush Sahu |
| 302104122053 | Himani Sahu | Ms. Poonam Sahu |
| 302104122054 | Krishna Tiwari | Mr. Piyush Sahu |
| 302104122055 | Chandrakant Nishad | Mr. Shailendra Kumar Sharma |
| 302104122056 | Kanakshi Manhar | Ms. Renuka Verma |
| 302104122057 | Manvi Dhidhi | Ms. Renuka Verma |
| 302104122058 | Atul Verma | Mr. Shailendra Kumar Sharma |
| 302104122059 | Bhumika Patel | Ms. Poonam Sahu |
| 302104122060 | Neelam Sahu | Ms. Ayushi Gupta |
| 302104122061 | Mansi Kosale | Ms. Renuka Verma |
| 302104122062 | Prachi Jaiswal | Ms. Disha Kesharwani |
| 302104122063 | Varun Kurrey | Mr. Mahendra Kumar Sahu |
| 302104122064 | Manish Yadu | Mr. Piyush Sahu |
| 302104122065 | Kamal Sonwani | Mr. Piyush Sahu |
| 302104122066 | Akanksha | Ms. Poonam Sahu |
| 302104122067 | Suman | Ms. Disha Kesharwani |
| 302104122068 | Thency | Ms. Disha Kesharwani |
| 302104122069 | Himalay Sahu | Mr. Piyush Sahu |
| 302104122070 | Sindhu Yadav | Ms. Disha Kesharwani |
| 302104122071 | Namita Patel | Ms. Renuka Verma |
| 302104122072 | Devendra Sahu | Mr. Shailendra Kumar Sharma |
| 302104122073 | Tejsvinee | Ms. Disha Kesharwani |
| 302104122074 | Khushi Sahu | Ms. Renuka Verma |
| 302104122075 | Suraj Kumar Sahu | Mr. Mahendra Kumar Sahu |
| 302104122076 | Tanu Tiwari | Ms. Disha Kesharwani |
| 302104122077 | Sakshi Verma | Ms. Disha Kesharwani |
| 302104122078 | Tirupati | Mr. Mahendra Kumar Sahu |
| 302104122079 | Arpit Sahu | Mr. Shailendra Kumar Sharma |

| | | |
|--------------|---------------------|-------------------------|
| 302104122080 | Yuvraj Sahu | Mr. Mahendra Kumar Sahu |
| 302104122081 | Vivek Sahu | Mr. Mahendra Kumar Sahu |
| 302104122082 | Kajal Verma | Ms. Poonam Sahu |
| 302104122083 | P Earneest Abhineet | Mr. Piyush Sahu |
| 302104123301 | Prachi Vaishnaw | Ms. Shilpa Sahu |
| 302104123302 | Sayyad Ashif Ali | Mr. Piyush Sahu |
| 302104123303 | Rishabh Rawat | Mr. Piyush Sahu |

**Janpragati Education Society's
Columbia Institute of Pharmacy, Tekari, Raipur (C.G.)
B.Pharma VIII Sem (2024-25) – Teacher Guardian List**

| Roll No. | Student's Name | Mentor's Name |
|--------------|------------------------|-----------------------------|
| 302104121001 | Pankaj Kumar Banjare | Dr. Shashikant Chandrakar |
| 302104121002 | Devansh Tiwari | Mr. Shailendra Kumar Sharma |
| 302104121003 | Hulsi Patel | Dr. Bina Gidwani |
| 302104121004 | Kajal Dewangan | Dr. Bina Gidwani |
| 302104121008 | Devesh Kumar | Mr. Shailendra Kumar Sharma |
| 302104121009 | Taniya Nebhwani | <i>Ms. Shilpa Sahu</i> |
| 302104121010 | Ashish Bais | Mr. Shailendra Kumar Sharma |
| 302104121011 | Aryan Mishra | Mr. Shailendra Kumar Sharma |
| 302104121012 | Shruti Kashyap | <i>Ms. Shilpa Sahu</i> |
| 302104121013 | Babita Singh | Dr. Bina Gidwani |
| 302104121014 | Rahul Chandrakar | Mr. Gunjan Kalyani |
| 302104121015 | Hirendra Sagar | Prof. Shiv Shankar Shukla |
| 302104121016 | Sandeep Kumar | Mr. Gunjan Kalyani |
| 302104121017 | Seema | <i>Ms. Shilpa Sahu</i> |
| 302104121018 | Roshani Pathak | <i>Ms. Shilpa Sahu</i> |
| 302104121020 | Niranjan Das Markandey | Dr. Shashikant Chandrakar |
| 302104121021 | Karan Tiwari | Dr. Shashikant Chandrakar |
| 302104121022 | Himanshu Manikpuri | Prof. Shiv Shankar Shukla |
| 302104121023 | Aman Kumar Vishwakarma | Mr. Shailendra Kumar Sharma |
| 302104121024 | Niraj Sahu | Dr. Shashikant Chandrakar |
| 302104121025 | Chaitanya Yadu | Mr. Shailendra Kumar Sharma |
| 302104121026 | Shweta | <i>Ms. Shilpa Sahu</i> |
| 302104121027 | Praveen Nishad | Mr. Gunjan Kalyani |
| 302104121028 | Devendra Kumar Sahu | Mr. Shailendra Kumar Sharma |
| 302104121029 | Paras Kumar Sahu | Mr. Gunjan Kalyani |
| 302104121030 | Nikhil Kumar Sahu | Dr. Shashikant Chandrakar |
| 302104121032 | Sukriya Sarkar | <i>Ms. Shilpa Sahu</i> |
| 302104121033 | Khilesh Sahu | Dr. Shashikant Chandrakar |
| 302104121034 | Bawanishankar Sahu | Mr. Shailendra Kumar Sharma |

| | | |
|--------------|------------------------|-----------------------------|
| 302104121035 | Digeshwar Sahu | Prof. Ravindra Pandey |
| 302104121036 | Damini Verma | Dr. Bina Gidwani |
| 302104121037 | Ashish Dhritlahre | Mr. Shailendra Kumar Sharma |
| 302104121038 | Kumar Gaurav Sahu | Dr. Shashikant Chandrakar |
| 302104121039 | Geetanshu Sahu | Prof. Shiv Shankar Shukla |
| 302104121040 | Khemraj Sahu | Dr. Shashikant Chandrakar |
| 302104121041 | Yogendra Kumar | Mr. Gunjan Kalyani |
| 302104121042 | Kartavya Patel | Dr. Shashikant Chandrakar |
| 302104121043 | Johnson | Dr. Shashikant Chandrakar |
| 302104121044 | Manisha Sahu | Dr. Bina Gidwani |
| 302104121045 | Ankit Yadav | Mr. Shailendra Kumar Sharma |
| 302104121046 | Alish Masih | Dr. Bina Gidwani |
| 302104121047 | Tasmiya Khwaja | <i>Ms. Shilpa Sahu</i> |
| 302104121048 | Himanshu | Prof. Shiv Shankar Shukla |
| 302104121049 | Manish Kumar | Dr. Shashikant Chandrakar |
| 302104121050 | Chhamman Chandravanshi | Dr. Bina Gidwani |
| 302104121051 | Vidhi Pushpakar | <i>Ms. Shilpa Sahu</i> |
| 302104121052 | Deepika Navrange | Dr. Bina Gidwani |
| 302104121053 | Jyoti Verma | Dr. Bina Gidwani |
| 302104121054 | Tushar Dewangan | Mr. Gunjan Kalyani |
| 302104121055 | Rashmi | <i>Ms. Shilpa Sahu</i> |
| 302104121056 | Shubham Sahu | Mr. Gunjan Kalyani |
| 302104121058 | Jagriti Nagpal | Dr. Bina Gidwani |
| 302104121059 | Om Agrawal | Dr. Shashikant Chandrakar |
| 302104121060 | Dikesh | Prof. Ravindra Pandey |
| 302104121061 | Akanksha Verma | Dr. Bina Gidwani |
| 302104121062 | Piyush Verma | Mr. Gunjan Kalyani |
| 302104121063 | Kavita Sahu | Dr. Bina Gidwani |
| 302104121064 | Neelima Verma | <i>Ms. Shilpa Sahu</i> |
| 302104121065 | Keshav Kumar Verma | Dr. Shashikant Chandrakar |
| 302104121066 | Pratik Verma | Mr. Gunjan Kalyani |
| 302104121067 | Gaurav Harjpal | Prof. Ravindra Pandey |
| 302104121068 | Pooja Sahu | <i>Ms. Shilpa Sahu</i> |
| 302104121069 | Dhanraj | Prof. Ravindra Pandey |
| 302104121070 | Tamradhwaj | Mr. Gunjan Kalyani |
| 302104121071 | Harshit Thakur | Prof. Shiv Shankar Shukla |
| 302104121072 | Ghansyam Chakradhare | Prof. Shiv Shankar Shukla |
| 302104121073 | Ved Prakash Bandhe | Mr. Gunjan Kalyani |
| 302104121074 | Bholeswar Dhruw | Mr. Shailendra Kumar Sharma |
| 302104121075 | Rahul Meher | Mr. Gunjan Kalyani |
| 302104121076 | Deepak Kumar Verma | Mr. Shailendra Kumar Sharma |
| 302104121077 | Laxmi Dewangan | Dr. Bina Gidwani |

| | | |
|--------------|-------------------------|-----------------------------|
| 302104121078 | Himanshu Gupta | Prof. Shiv Shankar Shukla |
| 302104121079 | Suhani Singh | <i>Ms. Shilpa Sahu</i> |
| 302104121080 | Bhagirathi Sahu | Dr. Bina Gidwani |
| 302104121082 | Pragya Sahu | <i>Ms. Shilpa Sahu</i> |
| 302104121083 | Harsh Dewangan | Prof. Shiv Shankar Shukla |
| 302104121084 | Devshree Sharma | Dr. Bina Gidwani |
| 302104121085 | Khileshwar Sinha | Dr. Shashikant Chandrakar |
| 302104121086 | Shubham Sahu | Mr. Gunjan Kalyani |
| 302104121087 | Dewika Sahu | Dr. Bina Gidwani |
| 302104121088 | Gurucharan | Prof. Shiv Shankar Shukla |
| 302104121089 | Vasu Verma | Mr. Gunjan Kalyani |
| 302104121091 | Gaurav Sahu | Prof. Ravindra Pandey |
| 302104121092 | Sakshi Kurre | <i>Ms. Shilpa Sahu</i> |
| 302104121093 | Neelam Sahu | <i>Ms. Shilpa Sahu</i> |
| 302104121094 | Kriti Nishad | Dr. Bina Gidwani |
| 302104121095 | Shalini Mahar | <i>Ms. Shilpa Sahu</i> |
| 302104121096 | Bhawana Kushwaha | Dr. Bina Gidwani |
| 302104121097 | Virendra Kumar Koshle | Mr. Gunjan Kalyani |
| 302104121098 | Sandeep Kumar Kurre | Mr. Gunjan Kalyani |
| 302104121099 | Rohit Kumar | Mr. Gunjan Kalyani |
| 302104121100 | Annapurna Bharatdwaj | Dr. Bina Gidwani |
| 302104121101 | Jha Dev Verma | Prof. Shiv Shankar Shukla |
| 302104121102 | Devendra Pratap Singh | Mr. Shailendra Kumar Sharma |
| 302104121103 | Himanshi Sahu | Dr. Bina Gidwani |
| 302104121122 | Tushar Tripathi | Mr. Gunjan Kalyani |
| 302104121134 | Kunal Yadav | Dr. Shashikant Chandrakar |
| 302104121143 | Kunal Yadu | Dr. Shashikant Chandrakar |
| 302104122301 | <i>Samriddhi Rajput</i> | Dr. Bina Gidwani |
| 302104122302 | <i>Ratna Devi</i> | Dr. Bina Gidwani |
| 302104122304 | <i>Goyal Verma</i> | Dr. Bina Gidwani |
| 302104122305 | <i>Aarti Jadwani</i> | Dr. Bina Gidwani |
| 302104122303 | <i>Arvind Sahu</i> | Dr. Bina Gidwani |
| 302104122306 | <i>Vinay Sahu</i> | Dr. Bina Gidwani |
| 302104121144 | Deepak Kumar Sahu | Prof. Shiv Shankar Shukla |
| 302104121145 | Rahul Rathore | Prof. Shiv Shankar Shukla |

8.2 Feedback analysis and reward/corrective measures taken, if any (10)

| |
|-----------------------------|
| Institute Marks (10) |
|-----------------------------|

*Feedback collected for all courses: YES/NO Specify the feedback collection process:
Percentage of students who participated: Specify the feedback analysis process: Basis*

of reward / corrective measures, if any: Number of corrective actions taken in the last three years:

(The institution needs to design an effective feedback questionnaire. It needs to justify that the feedback mechanism developed by the institution really helps to evaluate teaching, and finally, contributes to the quality of teaching and ensure attainment of set levels for each PO)

Design of proforma and process of feedback evaluation (5)

| S. No. | Description | Remarks |
|--------|-------------------------------------------------|--------------------|
| 1 | Number of feedback Items | 10 |
| 2 | Space for description feedback/suggestion etc.? | Yes |
| 3 | Any consistency check? | Yes |
| 4 | Frequency of feedback collection | Once in a semester |
| 5 | Feedback collection | Hard-Copy |

Feedback analysis and percentage of students participation

| S. No. | Description | Remarks |
|--------|------------------------------------------|--------------------------------------------------------------------------|
| 1 | Feedback collected for all courses? | Yes |
| 2 | Specify the feedback collection process: | Hard copy without revealing the student |
| 3 | Who collects the feedback? | Members of Program Assessment Committee collect and identified feedback. |
| 4 | When feedback is collected? | Once in each semester after completing the Sessional examination |
| 5 | Percentage of the students participating | Nearly 75% |

System of reward /corrective measures etc.

| S. No. | Description | Remarks |
|--------|-------------|---------|
|--------|-------------|---------|

| | | |
|---|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Is this done manually? | Yes, hard copy |
| 2 | What metrics are calculated? | Teaching attitude, attention to learning process and facilities of institute. |
| 3 | What is inferred from the metrics? | Strength & Weakness of a teaching process |
| 4 | How are the comments used? | <ul style="list-style-type: none"> • Teachers effectiveness for self awareness • Used for teaching learning methods • To overcome weakness of teacher • Students expectations from teaching system. |

Rewards:

- Letters of appreciation to the best performing faculty.
- Encouragement in terms of privileges

Corrective Measures

- Counselling to overcome weakness identified
- Extending facilities for augmentation of teaching skills

The following questions are considered in feedback form-

- Were extraneous factors, like hard-soft-attitude of the instructor considered? **Yes**
- Was result considered? **Yes**

8.3 Feedback on facilities (5)

| |
|----------------------------|
| Institute Marks (3) |
|----------------------------|

(Assessment is based on feedback collection, analysis and corrective action taken in respect of library, computing facilities, canteen, sports etc.)

In the student facility feedback form of CIP, Raipur 1 to 10 questions are asked out of these 60% are facility and 40% are academic content. The 10 points are averaged and converted into percentage. The metric values are given in the table below.

2023-2024: Compilation of responses and converted into percentages

| Description | Percentage marks, % |
|-------------------------|---------------------|
| Library facilities (10) | 10 |

| | |
|------------------------------------------------------|-----|
| Laboratory facilities (10) | 10 |
| Computer facilities (10) | 10 |
| Hostel facilities (10) | 10 |
| Recreational facilities(10) | 10 |
| Extra-curricular activities & Sports facilities (10) | 10 |
| Overall | 60% |

The responses indicated that the rank order is 75%, which can be rated as first class with distinction or 3 on the scale, suggesting 100% attainment.

Beside the feedback of facility some other grievance solving facility are as follows-

- There is one register for users, if any complain suggestion or recommendations or any feedback on facilities. The letters is forwards to Principal for proper action.
- We have also a feedback and analysis system

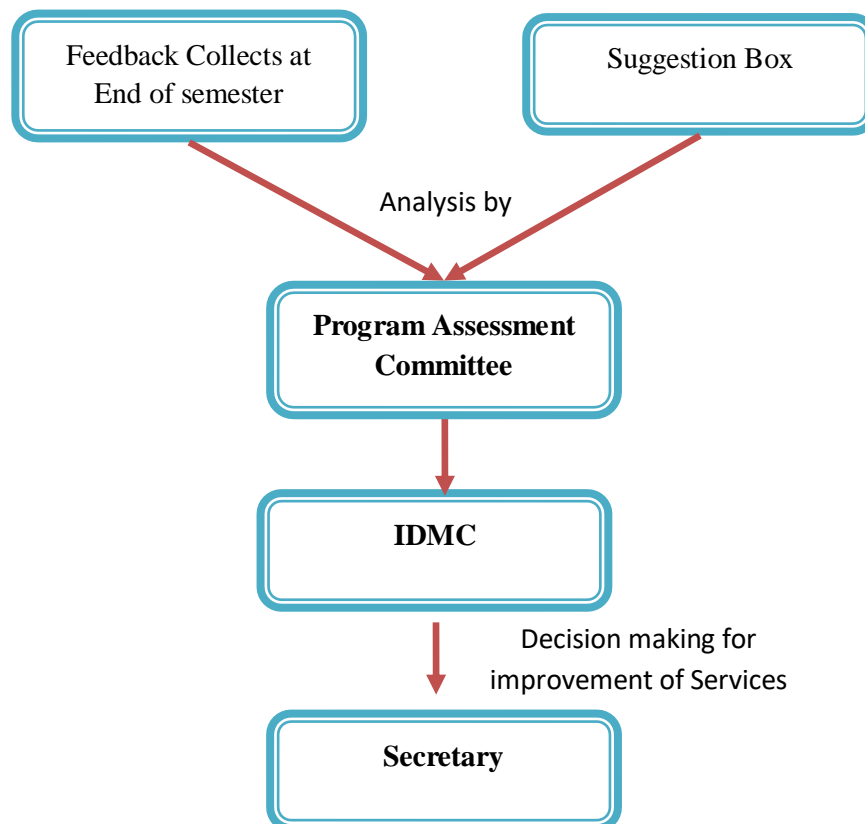


Fig. 12- Feedback Collection & Analysis Process



COLUMBIA INSTITUTE OF PHARMACY, RAIPUR

Student Feedback Form for the Academic Year

Name :

Course : B. Pharm. / M. Pharm.

Department : Pharmacy

Years/Semester : () I / II / III / IV

1. Your background for benefiting from the course was (Tick in the box)

| | | | | |
|----------------------------|---------------------|----------------------------|------------------------------|----------------------------------|
| (1) highly relevant
() | (2) relevant
() | (3) partly relevant
() | (4) mostly irrelevant
() | (5) completely irrelevant
() |
|----------------------------|---------------------|----------------------------|------------------------------|----------------------------------|

2. How much of the syllabus was taught in class? (Tick in the box)

| | | | | |
|-----------------------|----------------------|----------------------|----------------------|--------------------------|
| (1) 90 to 100%
() | (2) 75 to 90%
() | (3) 50 to 75%
() | (4) 40 to 50%
() | (5) Less than 40%
() |
|-----------------------|----------------------|----------------------|----------------------|--------------------------|

3. What is your opinion about the library holdings for the course? (Tick in the box)

| | | | | |
|----------------------|---------------------|-----------------------|-----------------|----------------------|
| (1) Excellent
() | (2) Adequate
() | (3) Inadequate
() | (4) Poor
() | (5) very poor
() |
|----------------------|---------------------|-----------------------|-----------------|----------------------|

4. The internal evaluation system as it exists is (Tick in the box)

| | | | | |
|----------------------|-----------------|--------------------|-----------------|----------------------|
| (1) very good
() | (2) good
() | (3) average
() | (4) poor
() | (5) very poor
() |
|----------------------|-----------------|--------------------|-----------------|----------------------|

5. How do you rate the student-teacher relationship in the Institute as a whole? (Tick in the box)

| | | | | |
|----------------------|-----------------|-------------------------|---------------------------|----------------------|
| (1) very good
() | (2) good
() | (3) satisfactory
() | (4) unsatisfactory
() | (5) very poor
() |
|----------------------|-----------------|-------------------------|---------------------------|----------------------|

6. How do you find the Institute administrative offices? (Tick in the box)

| | | | | |
|-------------------------|--------------------|------------------------|----------------------|-----------------------|
| (1) very helpful
() | (2) helpful
() | (3) indifferent
() | (4) unhelpful
() | (5) cumbersome
() |
|-------------------------|--------------------|------------------------|----------------------|-----------------------|

7. What is your rating on hostel facilities? (Tick in the box)

| | | | | |
|----------------------|-----------------|--------------------|-----------------|----------------------|
| (1) very good
() | (2) good
() | (3) average
() | (4) poor
() | (5) very poor
() |
|----------------------|-----------------|--------------------|-----------------|----------------------|

8. How do you rate the health care facilities? (Tick in the box)

| | | | | |
|----------------------|-----------------|--------------------|-----------------|----------------------|
| (1) very good
() | (2) good
() | (3) average
() | (4) poor
() | (5) very poor
() |
|----------------------|-----------------|--------------------|-----------------|----------------------|

9. What was the attitude of teachers to extracurricular activities? (Tick in the box)

| | | |
|-------------------------|------------------------|-------------------------|
| (1) co-operative
() | (2) indifferent
() | (3) discouraging
() |
|-------------------------|------------------------|-------------------------|

10. Has your time at the Institute been intellectually enriching? (Tick in the box)

| | | |
|----------------|---------------------|---------------|
| (1) Yes
() | (2) Marginal
() | (3) no
() |
|----------------|---------------------|---------------|

11. Overall Rating of the Programme (tick in the relevant cell) [100]

| Sl. No. | Item | Very good (10) | Good (8) | Average (6) | Poor (4) | Very poor (2) |
|---------|------------------------------------------------------|----------------|----------|-------------|----------|---------------|
| 1. | Academic content (10) | | | | | |
| 2. | Fairness of evaluation (10) | | | | | |
| 3. | Interaction with faculty (10) | | | | | |
| 4. | Interaction with administration (10) | | | | | |
| 5. | Library facilities (10) | | | | | |
| 6. | Laboratory facilities (10) | | | | | |
| 7. | Computer facilities (10) | | | | | |
| 8. | Hostel facilities (10) | | | | | |
| 9. | Recreational facilities(10) | | | | | |
| 10. | Extra-curricular activities & Sports facilities (10) | | | | | |
| Total | | | | | | |

Max. Rating = 100

Total Rating of Overall Programme =

12. Any suggestion regarding the improvement of Institute.

.....

.....

.....

Signature of student with date

8.4 Self Learning (5)

| |
|----------------------------|
| Institute Marks (5) |
|----------------------------|

1. The students are encouraged to undertake self learning module. They utilize this mode for posters presentation and power points for oral presentation.
2. They are allowed to participate in intercollegiate competitions conducted as national events in Pt. R. S. University, Rungta Institute of Pharmacy etc.
3. The students compulsorily undertake the seminar component in B. Pharm. VI, VII and VIII semester. This course involves the collection of research materials from literature, organizing, formatting and submitting the write-ups as a report (assignment).
4. The students deliver oral presentation with the help of audiovisual aids.
5. The students are encouraged to do a mini research project.
6. Institute timing are sufficient for overall development of students.
7. Students are encouraged to utilize facilities to learn the experiments other than the syllabus.
8. The curriculum offers courses like term paper, minor project, major project where the topics are self selected or based on guide suggestion. The component of self learning is evaluated in these courses.
9. Every student has to submit a home assignment in every course which has been evaluated. It develops the self learning capabilities.
10. The program has planned in such a way that the students have space and time to explore and implement their ideas.
11. It is compulsory to take 2 to 3 week pharmaceutical industrial training in B. Pharm. VI Semester which enhance the self learning skills.
12. Every year students are allowed to perform other activities under the guidance of faculties.

Generation of self learning facilities, and availability of materials for learning beyond syllabus

Self learning facilities- Materials

1. The computer laboratory is equipped with internet facility. It is opened to the students in self-learning module. Literature search is being attempted. Downloads are also permitted.
2. The library and information centre has subscribed to DELNET and it is open to the students for self learning.
3. The library has been contributing for hard bound journals of national and international repute.
4. The computer laboratory has scanning and printer facilities. The students are permitted to utilize the facilities.
5. The students are allowed to prepare their power-point material for oral and poster presentation.
6. One class room is exclusively established for providing training by using audiovisual aids.
7. The teacher expert support in the technical matter, while the computer laboratory staffs helps the students in the preparation of materials (inventory).
8. The library has excellent collection of books including handbooks which immensely facilitates the self learning by the students.

The above facilities not only to strengthen the teaching -learning process for the students, but also generates academic discipline, scientific attitude, innovativeness in the self-learning.

Training on Self Learning System –

List of Orientation Program

| Sl. No. | Topic | Resource Person | Dated |
|---------|------------------------------------|--------------------------|------------|
| 1. | Future & Scope of Pharmacy | Prof. Saranjit Singh | 17/12/2024 |
| 2. | Future in Pharma Field | Prof. V.K. Mourya | 13/10/2023 |
| 3. | Pharma Field and Scope of Pharmacy | Prof.(Dr.) Ranjeet Singh | 18/12/2021 |

Evidence of self learning-seminar -

The following table provides the details of best and average 10 student seminars for the previous academic years.

| Name of the Students | Project Title | Relevance to POs |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------|
| 2024-25 (Best Seminar/Presentation) | | |
| Alish Masih | Artificial Intelligence in Pharmaceuticals | PO1, PO2, PO3, PO4, PO11 |
| Chhamman Chandravanshi | Reverse Pharmacology in Drug Discovery | PO1, PO2, PO3, PO4, PO11 |
| Devshree Sharma | AI in diagnostics and treatment | PO1, PO2, PO3, PO4, PO11 |
| Devansh Tiwari | Phytosomes as emerging nanocarriers: advancing the frontiers of herbal drug delivery | PO1, PO4, PO11 |
| Harshit Thakur | Drug Repurposing: An important tool for Drug Discovery | PO1, PO2, PO3, PO4, PO11 |
| 2023-24 (Best Seminar/Presentation) | | |
| Bhaskar Sahu | Formulation and Evaluation of a Cream Using Ipomea Carnea Flower Extract. | PO1, PO4, PO11 |
| Anamika Dutta | Formulation and Evaluation of Herbal Ointment for Diabetes | PO1, PO4, PO11 |
| Ankita Bhaduri | Artificial Intelligence in Pharmaceutical Technology And Durg Delivery Design. | PO1, PO2, PO3, PO4, PO11 |
| Khumesh Verma | Review On Rheumatoid and their durg. | PO1, PO2, PO3, PO4, PO11 |
| Sakshi Tejwani | Prespective on the Applicationof Medicinal Plants And Natural Products in Neuropathy: - A Mechaniste Review | PO1, PO4, PO11 |
| 2022-23 (Best Seminar/Presentation) | | |
| Anjali Minj | Safety Monitoring of Herbal Medicine in Pharmacovigilance | PO1, PO2, PO3, PO4, PO11 |
| Arushi Bhojwani | Liposomes As Topical Durg develvery System | PO1, PO2, PO3, PO4, PO11 |
| Kush Patel | A Review on age appropriable mebendazole Chewable tablet for Various helminth infections in children | PO1, PO4, PO11 |
| Pranjal Kesharwani | Formulation and Evaluation of a Gel Using | PO1, PO4, PO11 |

| | | |
|--------------------------------------------|------------------------------------------------------------------------------|--------------------------|
| Psidium Guajava Leaf Extract | | |
| Rohan Singh Sahu | Microencapsulation The Novel Technique To Design a Controlled Durg Delivery. | PO1, PO4, PO11 |
| 2021-22 (Best Seminar/Presentation) | | |
| Shreya Jain | An Exhaustive study on Inventory Control and supply chain Management | PO1, PO4, PO11 |
| Suraj Banjare | Covid -19 Associated with Mucomycosis A Concise Review | PO1, PO4, PO11 |
| Kajal Dewangan | A Review on neural tube defect | PO1, PO4, PO11 |
| Akant Verma | Summarizing An Abridgement About Myristica Fragrans | PO1, PO2, PO3, PO4, PO11 |
| Yash Govindani | HPLC : An Overview of Shimadzu I Series LC - 2050 | PO1, PO2, PO3, PO4, PO11 |

**PARTICULARS OF MAJOR PROJECTS UNDERTAKEN
BY THE STUDENTS OF
B. PHARM. 8TH SEMESTER (2024-25)**

| STUDENT NAME | TITLE | SUPERVISOR | Relevance To POs | Relevance to PEOs |
|-----------------------------|------------------------------------------------------------|---------------------------|--------------------------|---------------------|
| Aryan Mishra | Review on modern technologies of Transdermal drug delivery | Prof. Shiv Shankar Shukla | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2 |
| Karan Tiwari | Review on role 3d printing technologies in drug delivery | Prof. Shiv Shankar Shukla | PO1, PO2, PO3, PO4, | PEO1 , PEO 2 |
| Aman Kumar | Allergies in human body & its treatment | Dr. Bina Gidwani | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Ankit Yadav | Herbal treatment for respiratory disorder | Dr. Bina Gidwani | PO1, PO2, PO3, PO7 | PEO1 , PEO 2, |
| Annapurna Bharatdwaj | Treatment for calcium deficiency in women | Dr. Bina Gidwani | PO1, PO2, PO3, PO11 | PEO1 , PEO 2, PEO 3 |
| Aarti Jadwani | Polymerized cyclodextrins/stem cell therapy | Dr. Bina Gidwani | PO1, PO2, PO3, PO9, | PEO1 , PEO 2, |

| | | | | |
|------------------------------|--------------------------------------------------------------------|---------------------------|---------------------|---------------------|
| Alish Masih | Artificial Intelligence in Pharmaceuticals | Dr. Bina Gidwani | PO1, PO2, PO3 | PEO1 , PEO 2, PEO 3 |
| Akanksha Verma | Genetic medicine for treatment of viral infection | Dr. Shashikant Chandrakar | PO1, PO2, PO3 | PEO1 , PEO 2, PEO 3 |
| Ashish Bais | Brain targeting through nasal drug delivery system | Dr. Shashikant Chandrakar | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Ashish Dhritlahre | Intrathecal drug delivery system : An updated review | Dr. Shashikant Chandrakar | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Babita Singh | Microchips and controlled drug delivery system | Dr. Shashikant Chandrakar | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Bhawana Kushwaha | Microfluidic system for treatment of cario vascular disease | Dr. Shashikant Chandrakar | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Bhagirathi Sahu | Herbal treatment for CNS | Dr. Neha Dubey | PO1 PO2, PO3, PO10 | PEO1 , PEO 2, |
| Damini Verma | A Review on Current status of herbal drug in Chhattisgarh (Review) | Dr. Neha Dubey | PO1 PO2, PO3, PO10 | PEO1 , PEO 2, |
| Bholeswar Dhruw | Curent scevario of pharmaceutical & herbal medicine | Dr. Neha Dubey | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, PEO 3 |
| Bawanishankar Sahu | Combination of synthetic & herbal treatment of amebiasis | Dr. Neha Dubey | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, PEO 3 |
| Chaitanya Yadu | Combination of synthetic & herbal drug used in Alzheimer | Dr. Neha Dubey | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| ChhammanChandravanshi | Reverse Pharmacology in Drug Discovery | Dr. Trilochan Satapathy | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Deepak Kumar Sahu | Online sales of Pharmaceuticals: Advantages & disdavantages | Dr. Trilochan Satapathy | PO1 PO2, PO3 | PEO1 , PEO 2, |

| | | | | |
|----------------------------|-----------------------------------------------------------------------------------------------------|-------------------------|-----------------------|---------------------|
| Dhanraj | Role of Pharmacist towards Public health & Technology | Dr. Trilochan Satapathy | PO1 PO2, PO3, PO9 | PEO1 , PEO 2, PEO 3 |
| Deepika Navrange | Career planning after B.Pharm in India & Abroad | Dr. Trilochan Satapathy | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Devendra Kumar Sahu | Job opportunities for Pharm.D graduates | Dr. Trilochan Satapathy | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Devendra Pratap | Advances in novel carrier system | Dr. Disha Kesharwani | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Devesh Kumar | A review on safe disposal of drugs | Dr. Disha Kesharwani | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, PEO 3 |
| Dewika Sahu | Recent advancements on combination therapy of synthetic drugs & herbal bioactives for breast cancer | Dr. Disha Kesharwani | PO1 PO10 | PEO1 , PEO 2, PEO 3 |
| Devshree Sharma | AI in diagnostics and treatment | Dr. Disha Kesharwani | PO1, PO2, PO3 | PEO1 , PEO 2, PEO 3 |
| Dikesh | Comparative review on polymer based & lipid based novel carrier systems | Dr. Disha Kesharwani | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Digeshwar Sahu | Novel ethosomal system for efficient delivery of plant based trioactives | Dr. Monika Bhairam | PO1, PO2, PO3
PO10 | PEO1 , PEO 2, |
| Devansh Tiwari | Phytomes as emerging nanocurrious: advancing the frontiers of herbal drug delivery | Dr. Monika Bhairam | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| Gaurav Harjpal | Tridar Daisy: ethopharmacology, Phytochemistry and clinical prosperative | Dr. Monika Bhairam | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Gurucharan | Wearable device in drug adherence monitoring, Innovation | Dr. Monika Bhairam | PO1, PO2, PO3 | PEO1 , PEO 2, |

| | | | | |
|-----------------------------|----------------------------------------------------------------------------------------------------------|--------------------|----------------------|---------------------|
| | and application | | | |
| Geetanshu Sahu | Oral nanotechnology in antidiabetic phytotherapy: A revolutionary approach for type II Diabetes mellitus | Dr. Monika Bhairam | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| Ghansyam Chakradhari | Regulatory aspects of nanosuspensions | Ms. Sandhya Mishra | PO1, PO2, PO3, PO7 | PEO1 , PEO 2, |
| Gaurav Sahu | Methods of enhancing solubility of drug: A review | Ms Sandhya Mishra | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Harsh Dewangan | Combination therapy of synthetic & herbal bioactives for eczema | Ms. Sandhya Mishra | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| Harshit Thakur | Drug Repurposing: An important tool for Drug Discovery | Ms. Sandhya Mishra | PO1, , PO2, PO3, PO4 | PEO1 , PEO 2, PEO 3 |
| Himanshi Sahu | A review on green nanotechnology | Ms. Sandhya Mishra | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, PEO 3 |
| Himanshu | An updated review on chemo-protective agents | Mr. Sagar Sahu | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Himanshu Gupta | An overview on hyphenated techniques - LCMS | Mr. Sagar Sahu | PO1, PO2, PO4 | PEO1 , PEO 2, PEO 3 |
| Himanshu Manikpuri | A Pharmacognostic account of Flemingia Strobilifera | Mr. Sagar Sahu | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| Hirendra Sagar | A review on Manicom Mint. | Mr. Sagar Sahu | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, PEO 3 |
| Hulsi Patel | Pharmacognostic account of Nelumbo nucifera | Mr. Sagar Sahu | PO1, PO10 | PEO1 , PEO 2, PEO 3 |
| Jagriti Nagpal | Glutathione as a Master Antioxidant | Ms. Shilpa Sahu | PO1, PO2, PO3, | PEO1 , PEO 2, |

| | | | | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------|---------------------|
| Jha Dev Verma | Chemistry ,Biological Properties & Analytical Method of Chondroitin Sulphate | Ms. Shilpa Sahu | PO1, PO2, PO3 | PEO1 , PEO 2, PEO 3 |
| Johnson | Chemistry, Biological properties & Analytical methods of Glucosamine sulphate: A review | Ms. Shilpa Sahu | PO1, PO2, PO3 | PEO1 , PEO 2, PEO 3 |
| Jyoti Verma | Chemistry, Biological properties & Analytical methods of Probencid: A review | Ms. Shilpa Sahu | PO1, PO2, PO3, PO4 | PEO1 , PEO 2, PEO 3 |
| Kajal Dewangan | Chemistry, Biological properties & Analytical methods of Calchicina:A review | Ms. Shilpa Sahu | PO1, PO2, PO3, PO10, | PEO1 , PEO 2, |
| Kartavya Patel | Chemogenomics: An approach to Drug Discovery | Mr. Gunjan Kalyani | PO1, PO2, PO3, PO7 | PEO1 , PEO 2, |
| Kavita Sahu | An updated review on Antimicrobial resistance | Mr. Gunjan Kalyani | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Keshav Kumar Verma | Chrono Tailored Drug Delivery System: An update | Mr. Gunjan Kalyani | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Khemraj Sahu | The Conception Consideration and Concern (3 Cs) of Plagiarism | Mr. Gunjan Kalyani | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Khilesh Sahu | An abridgement on intellectual Property Rights | Mr. Gunjan Kalyani | PO1, PO2, PO3, PO7 | PEO1 , PEO 2, |
| Khileshwar Sinha | Screening of Phytoconstituent from Traditional indigenous plants against Parkinson Disease Using molecular Docking approach | Mr. Rahul Goswami | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |

| | | | | |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------|---------------|
| Kriti Nishad | Phytochemistry, Ethano-Medicinal uses & Future Prospect of Chinese Herbal Medicine Astragali Radix | Mr. Rahul Goswami | PO1, PO2, PO3, PO9, PO10 | PEO1 , PEO 2, |
| Kumar Gaurav Sahu | A Review Current Approach of Drug Discovery: Bioinformatics Tools | Mr. Rahul Goswami | PO1, PO4 | PEO1 , PEO 2, |
| Kunal Yadav | Use of Cinnamic acid as an Essential Framework in The Drug Discovery and Development with Therapeutic Activity: An Insightful Analysis | Mr. Rahul Goswami | PO1, PO10, | PEO1 , PEO 2, |
| Kunal Yadu | A Comprehensive Review on Molecular Dynamics and Its Tools | Mr. Rahul Goswami | PO1, PO2, PO3, PO4 | PEO1 , PEO 2, |
| Arvind Sahu | Phytochemistry, Ethano-Medicinal uses & Future Prospect of Roselle (Hibiscus Subdariffa) | Mr. Rahul Goswami | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| Laxmi Dewangan | A Review Heterocyclic based essential framework for development of therapeutic agent and analysis of SAR | Mr. Mahendra Sahu | PO1 | PEO1 , PEO 2, |
| Manish Kumar | A – Comprehensive review pharmacology of Natural product against Neurodegenerative disorder | Mr. Mahendra Sahu | PO1, PO10 | PEO1 , PEO 2, |
| Manisha Sahu | Computational and pharmacological approaches of herbal medicine and their | Mr. Mahendra Sahu | PO1, PO10 | PEO1 , PEO 2, |

| | | | | |
|--------------------------|-----------------------------------------------------------------------------------|-------------------|---------------------|--------------------|
| | metabolites for infectious disease | | | |
| Goyal Verma | Etnanopharmacology approaches for Nephropathy | Mr. Mahendra Sahu | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| Neelam Sahu | Network Pharmacology and molecular docking for Hepato protective drug | Mr. Mahendra Sahu | PO1, PO2, PO9, PO11 | PEO1 , PEO 2, |
| Neelima Verma | A Review :Endocrinology | Mr. Mahendra Sahu | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Nikhil Kumar Sahu | Herbs use as mosquito Repellents | Mr. Shiv Bhardwaj | PO1, PO10 | PEO1 , PEO 2, |
| Niraj Sahu | Etiology and Pathophysiology of heart attack and brain stroke in current scenario | Mr. Shiv Bhardwaj | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Niranjan Das | List of important herbals for kidney disorder | Mr. Shiv Bhardwaj | PO1, PO10 | PEO1 , PEO 2, PEO3 |
| Om Agrawal | Pharmacy institution and national institution, Importance in India | Mr. Shiv Bhardwaj | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Pankaj Kumar | Management of cardiovasalur disorder by using herbs | Mr. Shiv Bhardwaj | PO1, PO10 | PEO1 , PEO 2, |
| Paras Kumar Sahu | Herbal therapies for Leucodermal | Mr. Shiv Bhardwaj | PO1, PO10 | PEO1 , PEO 2, |
| Piyush Verma | Advancement in the standardization and quality control of herbal drug | Ms. Poonam Sahu | PO1, PO10 | PEO1 , PEO 2, |
| Pooja Sahu | The role of Novel drug delivery system in modern pharmacology | Ms. Poonam Sahu | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Pragya Sahu | Pharmacological role of Gut microbiology in drug delivery | Ms. PoonamSahu | PO1, PO2, PO3, PO4 | PEO1 , PEO 2, |

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| Pratik Verma | Pharmacological role of inflammatory pathway. Targeting inflammation for disease management | Ms. Poonam Sahu | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Praveen Nishad | Pharmacological management of metabolic disorder | Ms. Poonam Sahu | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| Rahul Chandrakar | A review of Neurodegenerative diseases and it's therapeutic approach | Ms. Poonam Sahu | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| Rahul Meher | Exploring the Anti-microbial therapy from the use of Indian herbs | Ms. Renuka Verma | PO1, PO10 | PEO1 , PEO 2, |
| Deepak Kumar Verma | Role of Nitric oxide donors in cardiovascular therapy | Ms. Renuka Verma | PO1, PO2, PO10 | PEO1 , PEO 2, PEO3 |
| Rashmi | comprehensive review on chemistry, Synthesis, Pharmacological, P'K, Pcodynanic & Analytical Methods for the estimation of Novel drug | Ms. Renuka Verma | PO1, PO2, PO3 | PEO1 , PEO 2, |
| Rohit Kumar | A Novel Anti-inflammatory drugs. Mechanism and clinical potential | Ms. Renuka Verma | PO1, PO2, PO9 | PEO1 , PEO 2, PEO3 |
| Roshani Pathak | The role of Indian spices in drug bio-enhancer: Historical Insights & future challenges | Ms. Renuka Verma | PO1, PO2, PO9 | PEO1 , PEO 2, |
| Sakshi Kurre | Camparison between tirzepatide and Semaglutide | Ms. Renuka Verma | PO1, PO2 | PEO1 , PEO 2, |
| Rahul Rathore | Harnessing the potential of AI in Phicentic of Industry in aspect of research, | Mr. Shailendra Sharma | PO1, PO2, PO9 | PEO1 , PEO 2, |

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| | pharmacovigilance and Marketing | | | |
| Sandeep Kumar | prominence of biomedical engineering Inspired nontheroputing for concet and neurological disorders | Mr. Shailendra Sharma | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, PEO3 |
| Seema | New insights and study on impact of chronopharmacology in our lifestyle. A comprehensive review | Mr. Shailendra Sharma | PO1, PO2 | PEO1 , PEO 2, PEO3 |
| Shalini Mahar | A systematic reviews of neurodiversity and criminal justice system: Pros and cons of fiction Laws and prospective | Mr. Shailendra Sharma | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Shruti Kashyap | A structural review on import of etiquette Lifestyle, herbol medication, and clicky suplinends in treatment of DILI | Mr. Shailendra Sharma | PO1, PO9, PO10 | PEO1 , PEO 2, |
| Shubham Sahu | Exploring the role of Indian Herbs in the treatment of Rheumatoid Arthritis | Mr. Piyush Sahu | PO1, PO10 | PEO1 , PEO 2, |
| Shubham Sahu | Alcoholic liver disease: Pathophysiology, Diagnosis and treatment | Mr. Piyush Sahu | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Shweta | Role of Antiplatelet Therapy in the prevention and management of cardiovascular disease | Mr. Piyush Sahu | PO1, PO2 | PEO1 , PEO 2, |
| Suhani Singh | Exploring the role of Heparin in modern medicine and it's clinical application | Mr. Piyush Sahu | PO1, PO2, PO3 | PEO1 , PEO 2, |

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| Sukriya Sarkar | Role of Toxicology in understanding the effects of animal bites | Mr. Piyush Sahu | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Tamradhwaj | Herb-drug interactus a review | Ms. Neelima Janardan | PO1, PO2, PO3PO10 | PEO1 , PEO 2, |
| Ratna Devi | Ayurvedic herbal medicine for treatment of sickle cell anemia | Ms. Neelima Janardan | PO1, PO10 | PEO1 , PEO 2, |
| Taniya Nebhwani | Polyherbal formulations for antihepato toxic activity | Ms. Neelima Janardan | PO1, PO10 | PEO1 , PEO 2, |
| Tasmiya Khwaja | Standardization related problems associated to polyherbal formulations | Ms. Neelima Janardan | PO1, PO10 | PEO1 , PEO 2, |
| Samriddhi Rajput | herbal formulations for anti inflammatory drug activity | Ms. Neelima Janardan | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |
| Tushar Tripathi | Planter fasciitis | Ms. Manisha Verma | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Vasu Verma | Trigeminal neuralgia: Pathophysiology. diagnosis and treatment approaches | Ms. Manisha Verma | PO1, PO2 | PEO1 , PEO 2, PEO 3 |
| Ved Prakash Bandhe | Acetylcysteine Chemistry, pharmacology and analytical approaches for clinical application | Ms. Manisha Verma | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Vidhi Pushpakar | Indian Bael | Ms. Manisha Verma | PO1, PO2, PO3, PO9, PO10 | PEO1 , PEO 2, |
| Virendra Kumar Koshle | Pharmacognosy of Tanacetum parthenium: Phytochemical properties, Therapeutic uses and Medicinal potential | Ms. Manisha Verma | PO1, PO2, PO3, PO9 | PEO1 , PEO 2, |
| Sandeep Kumar Kurre | Radioactive element Lutetium – 177 used in | Mr. Swapnil | PO1, PO2, | PEO1 , PEO 2, |

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| | the treatment of Cancer Advancing Nuclear Medicine | Lall | PO3, PO9 | |
| Vinay Sahu | Nano Biotechnology – Applications in Medicine, Drug Discovery and Imaging | Mr. Swapnil Lall | PO1, PO2, PO7 | PEO1 , PEO 2, |
| Tushar Dewangan | CRISPR – Cas 9 Technology: Advances, Applications & Ethical Considerations | Mr. Swapnil Lall | PO1, PO2, PO9 | PEO1 , PEO 2, |
| Yogendra Kumar | Phytoconstituents based healing chronic wounds: Opportunities and Challenges | Mr. Swapnil Lall | PO1, PO2, PO3, PO10 | PEO1 , PEO 2, |

B. PHARM. 8TH SEMESTER (2023-24)

| Student Name | Title | Supervisor Name | Relevance To POs | Relevance to PEOs |
|--------------------------|-------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|--------------------------|
| Abhijeet Banjare | Review on Natural Gum. | DR. S.P. Rao | PO1, PO4, PO9, PO11 | PEO1 , PEO 2 |
| Abhishek Mathuse | Unraveling The Intricacies of Brain Tumors: A Comprehensive Review. | Ms. Maneesha Verma | PO1, PO4, PO11 | PEO1 , PEO 2 |
| Ajay Kurre | Novel Anti Diabetic Drug Tirzepatide Review | Ms.Renuka Verma | PO1, PO4, | PEO1 , PEO 2, PEO 3 |
| Akanksha Verma | New Frontier For the Treatment of Piptic Ulcer | Dr. Rajnikant Panik | PO1, PO9, PO11 | PEO1 , PEO 2, PEO 3 |
| Akash Kumar Sinha | A review on Chemistry Synthesis Pharmacology And Analytical Met hods of Lobegitazone. | Ms. Shilpa Sahu | PO1, PO4, PO9,PO10,PO11 | PEO1 , PEO 2, PEO 3 |
| Aman Kushwaha | Covid 19 | Dr. Ravindra Kumar Pandey | PO1, PO9,PO11 | PEO1 , PEO 2, PEO 3 |
| Aman verma | Improved Topical Durg Delivery: Role of Chemical permeation Enhancers (CPES) and Advanced Approaches. | Mr. Gunjan Kalyani | PO1, PO11 | PEO1 , PEO 2, PEO 3 |
| Amey Joshi | Review on Role of 3D Printing in Pharmaceutical Durg | Dr. Monika Bhairam . | PO1, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |

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| | Development. | | | |
| Anamika Dutta | Formulation and Evaluation of Herbal Ointment for Diabetes. | Dr.Neha Dubey. | PO1, PO4, PO9, PO10, PO11 | PEO1 , PEO 2, |
| Aniket Maheshwari | Herbal Durg Used in Treatment of Covid 19. | Dr. Trilochan Satapathy | PO1, PO4, PO9, PO10, PO11 | PEO1 , PEO 2, |
| Ankita Bhaduri | Artificial Intelligence in Pharmaceutical Technology And Durg Delivery Design. | Mrs. Disha kesharwani | PO1, PO2, PO3, PO9, PO11 | PEO1 , PEO 2, |
| Ankita Soni | Pulmonary Nano Durg delivery System For Lung Cancer: Current Prospectives. | Mrs. Sandhya Mishra | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Annapurna | Current Landscape On Gastro –Retentive Durg Delivery System Especially For Tabletes. | DR. Rajnikant Panik. | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Arial Lakra | Review On Sleep Paralysis | Ms.Shilpa Sahur | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Ashish Ekka | Application of Aegle Armllos (BEL) in the Treatment of Tuberculosis. | Ms. Neelima Janardan. | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Atharva Chandrakar | A Comprehensive Review On Bells Palsy. | Ms. Manisha Verma. | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Ayush Mishra | Drug Regulation in India | Dr.Trilochan Satapathy | PO1, PO7, PO9, PO11 | PEO1 , PEO 2, PEO 3 |
| Ayush Verma | Herbs of Chhattisgarh Used in Oral Health. | Dr. Neha Dubey. | PO1, PO9, PO10, PO11 | PEO1 , PEO 2, |
| Ayush Verma | Exploration of Synthetic Scaffolds And Their Derivatives As Durg Candidate For Antiurease Activity. | Mr. Rahul Gswami | PO1, PO2, PO3, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Baleshwari Navrange | A Review on Neural Defect. | Ms.Ayushi Sharma | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Bharti Dhiwar | An Over view On b-Cyclodextrin a magical Carrier System For Poorly Soluble Durg. | Mr. Mahendra Sahu | PO1, PO2, PO3, PO4, PO9, PO11 | PEO1 , PEO 2, PEO 3 |
| Bharti Sahu | Advancement and Challenges in the Treatment of Polycystic ovarian Disease: A Review. | Mr. Shailendra Kumar Sharma. | PO1, PO2, PO3, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Bhaskar Sahu | Formulation and Evaluation of a Cream Using Ipomea Carnea Flower Extract. | Mr.Sagar Sahu | PO1, PO4, PO11 | PEO1 , PEO 2, |

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| Chandan Chaubey | Holistic Approches to Cervical: Etiology Pathophysiology Comprehensive Preveniive and Control Strategy. | Ms. Renuka Verma. | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Chandrakant Sahu | A Review on Propolis a Natural Excipient Used in Pharmacy. | DR. Shashikant Chandrakar | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Devansh Amol Lagoo | Exploring the Natural Product Used in the Treatment of Osteosarcoma: A Comprehensive Review. | Ms. Poonam Sahu | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Dhaneshwari Sahu | Mangement of Kidney Disorder By Using Herbals. | Mr. Shiv Kumar Bharwaj | PO1, PO4, PO9, PO11 | |
| Dipti Rathore | A Review of Patanjali Dant kanti Toothpaste. | Prof.Shiv Shankar Shukla. | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Girish Poptani | A Rview On Herbal Shampoo | Prof .Shiv Shankar Shukla | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Gitanjali Verma | An Review of Mamaearth Sunscurem | Prof.Shiv Shankar Shukla | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Harishchandra Sinha | Review of Recent on Preparation and Characterization of Deferent Parameter of Capsule. | Mr. Shiv Kumar Bhardwaj | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Harsh Kumar Bharti | A Review on Recent updates of the Indian hebals for the Treatment of Cardiovasculer disease (CVD) | Mr.Shiv Kumar Bhardwaj | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Himanshu Jangde | Recent Advantages and Pharmacotherapy For Vitiligo & Sexually Transmitted Diseases. | Mr. Shiv Kumar Bhradwaj. | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Iram Shahid Ansari | Natural Resources as DPP IV Inhibitor for the Treatment of Diabetics | Mr.Shiv Kumar Bhardwaj | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Jyoti Dewangan | Indian Herbs Used For The Eradication Of H. Pylori. | Mr. Shiv Kumar Bhardwaj | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Jyoti sahu | Nanotechnology in rapamycin of Diabetes mellitus | Mr.Mahendra Sahu | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Kajal Mishra | Herbal Durgs Used For the Treatment of Arthritis. | Mr. Mahendra kumar Sahu | PO1, PO9, PO10 PO11 | PEO1 , PEO 2, |
| Kamraj Verma | Review Article on Chemical Permeational Enhanceers | Mr. Mahendra Sahu | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Keshav Prasad | Miicroencapsulation – | Mr. Mahendra | PO1, PO4, PO11 | PEO1 , PEO 2, |

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| Bisen | The Novel Technique to Design A Controlled Durg Delivery System. | Kumar Sshu. | | |
| Khumes Verma | Review On Rheumatoid and their durg. | Dr. S.P. Rao. | PO1, PO2, PO11 | PEO1 , PEO 2, |
| Komal Sahu | A Review on Chemistry Synthesis pharmacology and Anaytical of Simnotrelvir. | Ms. Manisha Verma | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Kunika Sahu | Exploring Genetic variation Therapeutic Properties Of Euphorbia Hirta. | Ms. Manisha Verma. | PO1, PO4, PO11 | PEO1 , PEO 2, |
| LaxmiRani Verma | Cancer | Ms. Manisha Verma | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Linisha Sahu | Brief Review OnAnalytical Techniques in Bioequiv Alence Study. | Ms. Manisha Sahu. | PO1, PO3, PO11 | PEO1 , PEO 2, |
| Mamta Khare | Exploring Gentic variation and Therapeutic properties of Ricinus Communis | Ms. Manisha Verma | PO1, PO4, PO10, PO11 | PEO1 , PEO 2, |
| Maneesha Manhare | Recent Advancement in Nanoparyticle Used in lung Cancer :A Mini Rrview . | Ms. Ayushi Sharma. | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Manjeet Dev Ku. Mallick | Advancement & treatment of Colon Cancer. | Ms. Ayushi Sharma | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Minakshi Dewangan | Recent advancement in Nlcs (Nanost rured Lipid Carriers A mini Review. | Ms. Ayushi Sharma | PO1, PO2, PO3, PO11 | PEO1 , PEO 2, |
| Monisha Kaushik | Herbal Treatment of Osteoporosts. | Ms. Neelima Janardan. | PO1, PO4, PO10, PO11 | PEO1 , PEO 2, |
| Navin Kumar Tandan | Fiber (Cotton jute Hemp). | Dr. S.P.Rao. | PO1, PO10, PO11 | PEO1 , PEO 2 |
| Nilesh Chauhan | Ayurvedic And Herbal Preparation Used as Anti Diabetic Drugs. | Mrs. Neelima janardan | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Onkar Barik | An Overview of Cardiovascular System. | Ms. Neelima Janardan. | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Pankaj Sahu | Generic Development of Current Scenario. | Ms. Renuka Verma. | PO1, , PO11 | PEO1 , PEO 2, |
| Parth Deshmukh | Form Lab to Market:- AImpact on Alzhelmers Durg Fermentation. | Ms. Renuka Verma | PO1, PO2, PO11 | PEO1 , PEO 2, |
| Phaleshwari Sahu | Millets –a Double – Edged garain: - Review of its nutritional Properties Cultivation and Plauside health benefits against | Ms. Renuka Verma | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |

| | Challenges. | | | |
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| Piyush Kumar Tiwary | Current Progress in Therapies And Future Direction on the Development of Novel Durg Delivery System For Better Management of Cancer Treatment. | Mr Shailendra Sharma | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Pooja Kawade | Biotechnology and Genetic Engineering Aspect and Newer Approches For The Development Of New Durg Delivery System:- Comprehensive Review. | Mr. Shalendra kumar Sharma | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Pradeep kumar Chelak | Scientomertic Review Recent Programs Future Prospective of Neglected Tropical Diseases. | Mr. Shailendra Kumar Sharma | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Praveen Sen | Autoimmune Disease. | Ms. Poonam Sahu | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Praveen Sen | Hypertension and Precaution | DR.Trilochan Satapathy | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Rahul Sahu | Review On Role of Neurotransmitter ii the CNS. | Ms. Poonam Sahu. | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Rakesh Kumar | Recent Advances in Cervical Cancer Research And the Utilization of Network Biology Approaches For Priortizing Diagnostics And Therrapetics. | Dr. Rajnikant Panik. | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Rakhi Sahu | Recent Updates on Pemphigus Vulgaris | Dr. Rajnikant paink. | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Rashmi Sahu | A review on Polycystic ov Arian Disease: - A Disorder of Reproductive Age its Pathogenesais Dia gnosis And Treatment. | Ms. Poonam Sahu | PO1, PO9, PO11, | PEO1 , PEO 2, |
| Ravinandan Pandit | Review Article Cervical Cancer | Dr. Beena Gidwani. | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Richa Ramshiromani Tripathi | Phytochemical Screeing of Hydro-Alcholic Extract of Withania Coaglans Fruits. | Dr.Beena Gidwani. | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Ritesh Kumar Banjare | Exploration of Aphrodisiac as Herbal Medicines. | MR. Rahul Goswami. | PO1, PO4, PO9 | PEO1 , PEO 2, |
| Rohit Barai | Phytochemal Screening | Dr. Beena | PO1, PO4, PO11 | PEO1 , PEO 2, |

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| | OF Hydro-Alcoholic Extracct & Amaltas & Nutmeg. | Gidwani. | | |
| Roshan Kumar Singh | Current Challenges Associated With NanopharmaCeutical | Dr. Disha Kesharwani | PO1, PO7, PO9 | PEO1 , PEO 2, |
| Sachin Banjare | A Review on Global Antimicrobial, Resistance. | Dr. Disha Kesharwani | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Sakshi Mishra | A Review on Green Nanotechnology. | Dr. Disha Kesharwani | PO1, PO10, PO11 | PEO1 , PEO 2, |
| Sakshi Nayak | Clinical Trial in India | Dr. Shashikant Chandrakar. | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Sakshi Tejwani | Prespective on the Application of Medicinal Plants And Natural Products in Neuropathy: - A Mechaniste Review . | Mr. Rahul Goswami | PO1, PO9, PO10 | PEO1 , PEO 2, |
| Samyak Bagrecha | Traditional Herbal Approach Towards the Treatment and Management of Diabetes Mellitus. | DR. Shashikant Chandrakar | PO1, PO10, PO11 | PEO1 , PEO 2, |
| Sandhya Maury | A Review On Nanosponge | Dr. Shashikant Chandrakar | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Sanjana Singh | A Review on Impact OF Chemical Fertilizers On consumable Food. | Mrs. Sandhya Mishra. | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Sarira Rathia | Nanotechnology based Strategies For effective Delivery Of Phytoconstituents For the Mangement Of Overian Cancer. | Mrs. Sandhya Mishra. | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Sharad Chandrakar | A Comprehensive Review of Covid 19 Vaccine Development. | Mr. Rahul Gowswami. | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Shriya Verma | Radiopharmacology in human Virus (HPV) effect on Femel Cervix. | Mrs. Sandhay Mishra. | PO1, PO7, PO9 | PEO1 , PEO 2, |
| Sudhanshu Nishad | Recent Development in Transdermal Drug Delivery System | Mr .Gunjan Kalyani. | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Sushant kumar Sahu | An Overview on Toll Like Receptors and their role in regulation and disease Susceptibility. | Mr. Gunjan Kalyani. | PO1, PO4, | PEO1 , PEO 2, |
| Suyashdeep Banjare | Vaccine Development Regulation and Testing With Refreence to Covid 19. | Mr. Gunjan Kalyani. | PO1, PO7, PO11 | PEO1 , PEO 2, |
| Tanisha Chandrakar | Rewiew On Role of Artifical Intelligence | Dr. Monika Bhairam | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |

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| | Durg Discovery | | | |
| Tanmay Bhairam | 3d Printing in Pharmaceutical | Dr. Monika Bhairam | PO1, PO4, PO9 | PEO1 , PEO 2, |
| Trikansha Sahu | Comprehensive Review: Pharmacological Activities And Therapeutic Applications of Ciuss quadrangularis in Health And Disease. | Dr. Monika Bhairam | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Trishala Vijaywargiya | Analysis of Water Pollution by Phosphate | Ms. Shilpa Sahu | PO1, PO4, PO10, PO11 | PEO1 , PEO 2, |
| Vaibhav Shriwas | Harnessing the Power of Millets: A Guide to welght Mangement. | Ms. Shilpa Sahu | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Vaishali Tiwari | Dostarlimab (Jemperli) | Dr.Trilochan Satapathy | PO1, PO4, PO9 | PEO1 , PEO 2, |
| Vaishali Verma | Millets Unlocking Nutritional Superpowers Beyond Conventional Graints. | Mrs. Shilpa Sahu | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Vinay Kumar Verma | A Review on Gingko biloba. | Mr. Sagar Sahu. | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Virendra Sahu | A Reivew on Natural Antioxidants | Mr. Sagar Sahu | PO1, PO10, PO11 | PEO1 , PEO 2, |
| Yamini Sahu | Review on Chelidonium Majus. | Mr. Sagar Sahu | PO1, PO3, PO10, PO11 | PEO1 , PEO 2, |
| Yash Patel | Formulation and Evaluation of Herbal Facepack and Scrub. | Dr. Neha Dubey | PO1, PO4, PO10, PO11 | PEO1 , PEO 2, |
| Yashwant Singh Chaturvedi | Herb of Chhattisgarh Used in Joint Plant. | Dr. Neha Dubey | PO1, PO10, PO11 | PEO1 , PEO 2, |

**PARTICULARS OF MAJOR PROJECTS UNDERTAKEN
BY THE STUDENTS OF
B. PHARM. 8TH SEMESTER (2022-23)**

| Student Name | Title | Supervisor Name | Relevance To POs | Relevance to PEOs |
|-----------------------|----------------------------------------------------------------------------|------------------------|-------------------------|--------------------------|
| Aakash Lahari | Revivew on Prospect For Enhanced Transdermal Durg Delivery Transethosomes. | Dr. S.P .Rao | PO1, PO4, PO11 | PEO1 , PEO 2 |
| Ajay Kumar | All Concept Of Polymer | Mr. Mahendra Sahu | PO1, PO9, PO11 | PEO1 , PEO 2 |
| Ajay Sahu | A Review on Liposomal Durg Delivery System | Dr. S.P.Rao | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Alok Nath Sahu | A Review on Transdermal Durg Delivery System | Dr. S.P.Rao | PO1, PO4, PO9 | PEO1 , PEO 2, |

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| Amitesh Dahere | Indian Herbs and Herbal Drugs used for the Treatment of Diabetes | Dr.S.P.Rao | PO1, PO10, PO11 | PEO1 , PEO 2, PEO 3 |
| Anjali Minj | Safety Monitoring of Herbal Medicine in Pharmacovigilance | Dr.S.S.Shukla | PO1, PO2, PO10 | PEO1 , PEO 2, PEO 3 |
| Anjana Sahu | An overview on B-Cyclodextrin a magical Carrier System for Poorly Soluble Drug | Mrs. Disha Kesharwani | PO1, PO4, PO9 | PEO1 , PEO 2, PEO 3 |
| Anugrah Samanvay Tandi | Recent Advancement in Pilot Plant and Scale up Techniques | Dr.Beena Gidwani | PO1, PO2, PO3, PO4, | PEO1 , PEO 2, |
| Anuj Kumar | Transfersomes | Dr.S.P.Rao | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Arpit Chandak | Advancement in Buccal Drug Delivery System | Mrs.Disha Kesharwani | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Arushi Bhojwani | Liposomes As Topical Drug delivery System | Mr. Gunjan Kalyani | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Arvind Jangde | Solubility Enhancement of Poorly Soluble Drug. | Mrs. Disha Kesharwani | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Asmit Sahu | A Review on Flemingia Strobilifera | Dr.Beena Gidwani | PO1, PO4, PO10 | PEO1 , PEO 2, |
| Bhanupriya Sahu | A Review of Ethosome and Advancement | Mrs.Disha Kesharwani | PO1, PO2, PO4, | PEO1 , PEO 2, |
| Birendra Ratre | Recent Advances in Ocular Drug Delivery System | Mrs.Disha Kesharwani | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Chandresh Sahu | Nanotechnology and its advancement | Mrs .Sandhya Mishra | PO1, PO2, PO3, PO4, | PEO1 , PEO 2, |
| D.Ravikumar | Review Article on HPLC and its recent Advancement | Mrs.Sandhya Mishra | PO1, PO2, PO3, PO4, | PEO1 , PEO 2, |
| Darshana Rathi | Review on study of banana fibre | Dr.S.S.Shukla | PO1, PO10 | PEO1 , PEO 2, |
| Deepak Das | Review on Microcapsule | Mrs.Sandhya Mishra | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Deepak Kumar Verma | A Project Report on Nanoemulsion | Mrs.Sandhya Mishra | PO1, PO2, PO4, PO11 | PEO1 , PEO 2, |
| Devenda Kumar | Genetic Medicine | Ms.Renuka Verma | PO1, PO2, PO3, PO4, | PEO1 , PEO 2, PEO 3 |
| Dhaneshwar | Recent advance in ocular drug delivery System | Mrs.Sandhya Mishra | PO1, PO4, | PEO1 , PEO 2, |
| Dharmendra Ku. Sahu | A Molecular Update in GPCR | Mr. Shiv Kumar Bhardwaj | PO1, PO4, | PEO1 , PEO 2, PEO 3 |
| Dibya Lochan Barik | An Overview on Green Leafy Vegetables Ethnic To Chhattisgarh | Dr.Ravindra Kumar Pandey | PO1, PO4, PO10 | PEO1 , PEO 2, |
| Digeshwar sahu | A Review of near infrared spatial resolved spectroscopy technique for | Mrs.Prakriti Diwan | PO1, PO4, | PEO1 , PEO 2, |

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| | evaluation of tablets | | | |
| Dinesh | A Review on Herbal Anti – Diabetic Durg. | Mr. Akhilesh Sahu | PO1, PO4, PO10 | PEO1 , PEO 2, |
| Gracy Nawrang | Natural Anti –Inflammatory Aloe Vera Great For Skin | Mr.Mahendra Mahapatra | PO1, PO10 | PEO1 , PEO 2, |
| Hemant Kumar | A Review on Acute Respiratory Tract Infection | Ms.Poonam Sahu | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Hirendra | Stability of Radiopharmaceutical | Dr. Shasikant Chandrakar | PO1, PO7 | PEO1 , PEO 2, |
| Ishan Verma | Review on Gastro retentive Drug Delivery System | Dr.Ravindra Kumar Pandey | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Jitendra Sahu | Natural Anti-Inflammanatory Agent Used for Treatment of Plan | Dr.Shashikant Chandrakar | PO1, PO4, PO10 | PEO1 , PEO 2, |
| Jyoti Verma | A Review on gene Therapy | Dr.Shashikant Chandrakar | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Kajal Vishwkarma | Herbal Remedies for Asthma A Review | Dr.Shashikant chandrakar | PO1, PO10, PO11 | PEO1 , PEO 2, PEO 3 |
| Kalyan Singh Verma | Computational Tool For Durg Discovery For Wound Healing. | Dr. Rajnikant Panik | PO1, PO9, PO11 | PEO1 , PEO 2, PEO 3 |
| Kamaksha Tiwari | Biotrasformer Computational Tool for Prediction of Metabolism Rate | Dr.Rajnikant Panik | PO1, PO11 | PEO1 , PEO 2, |
| Kuldeep Patel | A Review on Neural Defect | Dr.Rajnikant Panik | PO1, PO11 | PEO1 , PEO 2, PEO 3 |
| Kush Patel | A Review on age appropriable mebendazole Chewable tablet for Various helminth infections in children | Mrs.Prakriti Diwan | PO1, PO4 | PEO1 , PEO 2, |
| Kushagra Chandrakar | Burn Wound Infections Microbiome | Dr.Dajni Kant Panik | PO1, PO11 | PEO1 , PEO 2, |
| Laxmi Sahu | Identification of Micro organism in Cosmetic Product | Dr.Rajnikant Panik | PO1, PO11 | PEO1 , PEO 2, |
| Laxmikant Sahu | Recent Advances in Transdermal Drug Delivery System | Mrs. Neha Dubey | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Manisha Sahu | Formulation of Herbal Syrup | Mrs.Neha dubey | PO1, PO9, PO10 | PEO1 , PEO 2, PEO 3 |
| Manjeet Bhardwaj | Development And Evaluation of Transdermal Patches With Cissus Quadrangularis Plant. | Mrs. Neha Dubey | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Mansi Patwa | A Review on Herbal Plant Used For Wound Healing | Mrs .Neha Dubey | PO1, PO10 | PEO1 , PEO 2, |
| Mansi Verma | A Review of Transdermal Drug Delivery Systems Advances challenges and | Ms.Monika Bhairam | PO1, PO4, PO9 | PEO1 , PEO 2, |

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| | Fututre Perspectives | | | |
| Mithlesh Diwan | A Review Article Solid Dispersion | Ms.Monika Bhairam | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Mithleshwar Paikra | Review on Polymeric Carriers for Solubility Enhancement of Poorly water Soluble Drugs | Ms.Monika Bhairam | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Moulik Kumar | Development and Characteriztion of Novel Carbapol Based Hydrogel Formulation Containing Extract of Eclipta Prostrata | Ms.Monika Bhairam | PO1, PO4 | PEO1 , PEO 2, |
| Muskan Kurre | Solid Dispersion Technology for Improving the Solubility of Antiviral Drugs | Ms.Monika Bhairam | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Neeta Banjare | Herbal Medicinal Plant Used in Treatment of Corona | Mr.Akhilesh Kumar | PO1, PO10 | PEO1 , PEO 2, |
| Neetu Verma | Review on Transdermal Durg Delivery System | Mr. Akhilesh Sahu | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Nidhi Sahu | Prevention & Treatment of Hiv. | Mr. Akhilesh Sahu | PO1, PO11 | PEO1 , PEO 2, PEO3 |
| Nikhil Chandrakar | Exploring the Efficacy of medicinal Plantsin the Treatment of Diabetes | Mr.Akhilesh Kumar | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Nikhil Kumar | All Concept of Polymer | Ms .Renuka Verma | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Nikhil Kumar Sahu | A Review on Bipolar Disorder in Adult | Mr. Akhilesh Kumar | PO1, PO4, | PEO1 , PEO 2, |
| Nilesh Kumar Dhruw | Review On Transdermal Durg Delvery System. | MS. Renuka Verma | PO1, PO4, | PEO1 , PEO 2, |
| Nitin Kurrey | The Detailed Pharmacognostic Account of Cocus nucifera | Mr.Gunjan Kalyani | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Prabhat | An overview on Fourier Transform Infrared Spectroscopy (FTIR) | Mr.Gunjan Kalyani | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Prabhat Verma | An Overview on Bioenhancers | Mr.Gunjan Kalyani | PO1, PO10 | PEO1 , PEO 2, |
| Prakash Banjare | Transdermal Drug Delivery System | Ms.Renuka Verma | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Pranjal Kesharwani | Formulation and Evaluation of a Gel Using Psidium Guajava Leaf Extract | Mr.Sagar Sahu | PO1,PO2, PO3, PO4, PO10 | PEO1 , PEO 2, |
| Pratibha bhagat | A Review on Cinnamomum Zeylanicum | Mr.Sagar Sahu | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Praveen Bhatt | A Review on Medicinal use of Moringa oleifera | Mr.Sagar Sahu | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Preeti | Herbs Use as Mosquito | Ms. Shilpa Sahu | PO1, PO2, | PEO1 , PEO 2, |

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|------------------------------|---------------------------------------------------------------------------------------------|-------------------------|--------------------------|---------------|
| Seshanki Turkey | Repellent | | PO3, PO4, PO11 | |
| Raghunath Verma | Layered Tablet Technology | Mrs. Shilpa Sahu | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Raja | Evaluation of Herbal Hair Pack | Mrs.Shilpa Sahu | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Rasmi Chandrakar | Fundamental Of Biostatistics along With its Application its Application in Clinical Trails. | Ms. Renuka Verma | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Renu Kant | Nanoemulism | Mrs.Silpa Sahu | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Ritik Kumar | Nanogel Durg Delivery System Nanogel | Mr. Rahul Goswami . | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Robin Son Kashyap | Occular Durg Develvery System | Mr. Rahul Goswami | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Rohan Singh Sahu | Microencapsulation The Novel Technique To Design a Controlled Durg Delivery. | Mr. Rahul Kumar Goswami | PO1, PO4 PO9, PO11 | PEO1 , PEO 2, |
| Rohit Verma | Adverse Drug Reaction | Mr.Rahul Goswami | PO1, PO9, PO11 | PEO1 , PEO 2, |
| Rupendra Kumar | Review on Cancer Disease | Ms. Poonam Sahu | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Sahil Kumar Baghel | A Review On Asthma Disease. | Ms. Poonam Sahu | PO1, PO11 | PEO1 , PEO 2, |
| Sanat Kumar Netam | A Review on Hemophilia | Ms. Poonam Sahu | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Sandip | A Review On Liposome drug delivery in CNS disease | Ms. Poonam Sahu | PO1, PO4, PO9, PO11 | PEO1 , PEO 2, |
| Sanjay | A Review on Ebola Virus Disease and Tremment | Mr.Gunjan Kalyani | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Sanjay Kumar | Diagnosis and treatment of glaucoma | Mr. Sagar Sahu | PO1, PO2, PO11 | PEO1 , PEO 2, |
| Sanju Pal | A Review on Schiff base | Mr.Rahul goswami | PO1, PO2 | PEO1 , PEO 2, |
| Saurabh Patel | A Review on Corona Virus Disease and Treatment | Mrs.Prakriti Diwan | PO1, PO11 | PEO1 , PEO 2, |
| Shekhar Choudhary | Phytochemical Screening Test. | Mr. Shiv Kumar Bhardwaj | PO1, PO10, PO9, PO11 | PEO1 , PEO 2, |
| Shivam Santosh Thakur | A Review of the Parkinsons Disease. | Mr. Shiv Kumar Bhardwaj | PO1, PO2, PO9, PO11 | PEO1 , PEO 2, |
| Shreya Sharma | A Review on; Antibiotic Medicinal plant of green tea and their Formulation | Mr.Shiv Kumar Bhardwaj | PO1, PO2, PO9, PO11 | PEO1 , PEO 2, |
| Shubham Verma | A Review on Depression and Anxiety | Mr.Shiv Bhardwaj | PO1, PO2, PO9, PO11 | PEO1 , PEO 2, |

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|--------------------------|-----------------------------------------------------------------------------------------|-------------------------|---------------------|---------------|
| Siddharth Tiwari | A Review On Natural Antioxidants | Mr. Shiv Kumar Bhadwaj | PO1, PO10 | PEO1 , PEO 2, |
| Smita Toppo | A review on Bovine Colostrum | Dr.Beena Gidwani | PO1, PO2, PO9, PO11 | PEO1 , PEO 2, |
| Sonali thakur | A Review on Teratogenesis | Mrs.Ruchi Bhattacharya | PO1, PO2, PO9, PO11 | PEO1 , PEO 2, |
| Suman Sahu | A Review on Polymer used in novel Drug Delivery System | Mrs.Ruchi Bhattacharya | PO1, PO2, PO9, PO11 | PEO1 , PEO 2, |
| Suryansh Keshri | Drug Delivery System | Mrs .Ruchi Bhattacharya | PO1, PO2, PO9, PO11 | PEO1 , PEO 2, |
| Swati Sahu | A Project Report on Nanocapsule | Mrs. Ruchi Bhattacharya | PO1, PO2, PO11 | PEO1 , PEO 2, |
| Tukeshwar | Pepticulcer | Mr. Manindra | PO1, PO2, PO11 | PEO1 , PEO 2, |
| Tukeshwar Yadu | GRDDS(Expandable Drug Delivery System) | Mr.Manindra Mahapatra | PO1, PO2, | PEO1 , PEO 2, |
| Udit Narayan Sahu | Migraine | Mr. Manindra Mahapatra | PO1, PO11 | PEO1 , PEO 2, |
| Vaishali Kashyap | Recent Advance in Tablet Technology | Mr. Manindra Mahapatra | PO1, PO2, PO4, | PEO1 , PEO 2, |
| Vishwanath Sahu | Review Article on Permeation Enhancers A Major Role In Transdermal Drug Delivery System | Mr.Mahendra Mahapatra | PO1, PO2 | PEO1 , PEO 2, |
| Yadit Kumar | Validation Process Perform Using Uv & Hplc Method | Mr. Mahendra Sahu | PO1, PO2, PO4 | PEO1 , PEO 2, |
| Yogendra Kumar | Prepare & Evaluate a Poly Herbal Shampoo For Antidandruff Activity By Using Herbs. | Mr.Mahendra Sahu | PO1, PO2, PO4, PO10 | PEO1 , PEO 2, |
| Yogita Verma | Formulation and Evaluation Cream | Mr. Mahendra Sahu | PO1, PO2, PO4, | PEO1 , PEO 2, |

**PARTICULARS OF MAJOR PROJECTS UNDERTAKEN
BY THE STUDENTS OF
B. PHARM. 8TH SEMESTER (2021-22)**

| Student Name | Title | Supervisor Name | Relevance To POs | Relevance to PEOs |
|-------------------------|--------------------------------------------------------|------------------------|-------------------------|--------------------------|
| A.Hemlata | Diabetes Mellitus | Ms.Poonam Sahu | PO1, PO4, PO11 | PEO1 , PEO 2 |
| Abhishek Parwani | A Review on Pathophysiology and Treatment of Diabetes | Dr.Amit Roy | PO1, PO4, PO11 | PEO1 , PEO 2 |
| Ajay Barik | A Review on Herbal Medicine for the Treatment of Heart | Mrs.Ruchi | PO1, PO2, PO3, PO4, | PEO1 , PEO 2, |

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| | Failure | Bhattacharya | PO11 | PEO 3 |
| Ajay Kishan | A review on natural Pharmaceutical Aids | Dr.S.P Rao | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Ajay Kumar | A Review on Value Addition on Herbal Medicinal Forensic Product | Dr.S.P.Rao | PO1, PO2, PO3, PO4, PO10,PO11 | PEO1 , PEO 2, PEO 3 |
| Akant Verma | Summarizing An Abridgement About Myristica Frangans | Mr.Gunjan Kalyani | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Anas Khan | Herbs use as Mosquito Repellent | Dr.Bibekanad Meher | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Ankit Singh | An Overview of Floating Tablets and Evaluation Parameters | Dr.S.S.Shukla | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| AvinashVishwakrama | Alzheimer Disease | Mr.Swgnil Lall | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Bhanupriya Kurani | A Review on Dysmenorrhea | Mrs.Shilpa Sahu | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Bhupendra Sahu | A Pharmacognostic Account on Plumbago Zeylanica | Mr.Gunjan Kalyani | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Biplav Dwivedi | Review Article on Antiaging Cosmetics | Ms.Monik Bhairam | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Chandrakant Sahu | A review on Value Addition on Herbal medicine forensic Product | Ms. Monika Bairam | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Chetan Rm Sahu | A Review on Natural Drugs for Autoimmunity Disorders | Dr.Ravindra Pandey | PO1, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Dakeshwar | A Projection Urinary Tract Infection : A Review | Mr. Sagar Sahu | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Dhalesh Kumar Verma | Paclitaxel : A New Antineoplastic Agent for the Treatment of Cancer | Ms.Monika Bhairam | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Dhanjay Sahu | A Review on Guillain Barre syndrome | Dr.Ravindra Pandey | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Dugeshwar | A Review on Anticancer | Mrs.Ruchi | PO1, PO2, PO3, PO4, | PEO1 , PEO 2, |

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| | Activity from medicinal plants | Bhattacharya | PO11 | PEO 3 |
| Dumeshwar Sahu | Review on Targeted Drug Delivery System | Mrs.Sandhya Mishra | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Durgesh Sahu | A Review on Adverse Drug Reaction of anticancer drugs Submitted to | Mr.Swapnil Lall | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Gayatri Sahu | Transdermal Pathch | Dr.Been Gidwani | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Gulabchand Sahu | Evaluation of phytochemical screening & antioxidant activity of Martynia annua fruit extract | Dr.Pushpa P.Gupta | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Hari Kumar | Review on Herbal Excipients for the Tablet Formulation | Dr.Ravindra Pandey | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Hem Kumar | Comperative Study Of Antidiabetic Drug | Mrs.Neh Dubey | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Hemant Dewangan | A Review on Indian Antidaibetic Medicinal Plants | Mr.Shiv Kumar Bhardwaj | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Hemant Sahu | A Review current Trends and Development of nasal vaccine | Mr.Rahul Kumar | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Hevi | Genetic Medicine | Mrs.Disha Kesharwani | PO1, PO4, PO11 | |
| Himanshu mahilang | Nasal Vaccine | Dr.Shashikant Chandrakar | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Jeevan Soni | Phytochemical Screening of root of Martynia Annua | Mr.Shiv bhardwaj | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Kajal Dewangan | A Review on neural tube defect | Ms. Poonam Sahu | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Kamal Sing Verma | Drmatitis Herpetiformis :A Review | Mr.Sagar Sahu | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Khemchand Sahu | A Review Article on : Cyclodextrin | Ms.Monika Bhairam | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Kishan Verma | Review on Pathophysiology and Treatment of Epilepsy | Mr.Akhilesh Kumar | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Kishore Verma | Screening of Sickle cell Anemia | Mrs.Sandhya Mishra | PO1, PO4, PO11 | PEO1 , PEO 2, |

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| | in Chhattishgarh | | | |
| Krishankant Dhruw | A Review on Nanorods | Ms.Prakriti diwan | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Kriti Naurange | Safety Monitoring of Herbal Medicine in Pharmacovigilance | Dr.S.P.Rao | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Kiran Jatwar | A Review on Leprosy status in India | Dr.Pushpa Prasad | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Leena Daunday | A Review on Nano –Emulsion | Mrs.Disha Kesharwani | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Lobhan Yadav | Prevention cause and treatment of oral thrush | Mrs.Prakiti diwan | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Lokesh Patel | /A Review On Isolation Characterization ,Phytoconstituents and Pharmacological Studies of Eureka Sativa Plant | Mr.Rahul Kumar | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Madkam sagar | A Complete Pharmacognostic Account of Kalanchoe Pinnata | Mr.Gunjan Kalyani | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Manak Lal | Study of Who and Ayush Guidelines for Safety Monitoring of Herbal Medicine | Ms.Monika Bhairam | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Manish Sahu | Review on Pathophysiology and Treatment of Lipoma | Mrs. Ruchi Bhattacharya | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Manjusha Patel | A Review on A Bioanalytical Techniques | Dr.S.S.Shukla | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Manjusha Sahu | A Review on Herbal Formulation used in Hypertension | Mrs.Neha Dubey | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Mayank Sinha | A review on Alzhiemers Disease | Mrs.Shilpa Sahu | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Mohit Shrivastava | A Review on Alzheimer Disease | Ms.Poonam Sahu | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |
| Love Kumar | Review on Herbal Medicine used in Treatment of Diabetes | Mrs.RuchiBhattacharya | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO 3 |

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| Sandeep Sahu | Peptic Ulcer disease: A Review | Mr.Sagar Sahu | PO1, PO4,
PO11 | PEO1 ,
PEO 2, |
| Neelesh Kudiya | A Review on Nanopartical Loaded Alovera | Ms.Prakriti Diwan | PO1, PO2,
PO3, PO4,
PO11 | PEO1 ,
PEO 2,
PEO 3 |
| Neelima Dahriya | A Review on Polyherbal face wash | Mrs.
RuchiBhattacharya | PO1, PO2,
PO3, PO4,
PO11 | PEO1 ,
PEO 2,
PEO 3 |
| Nidhi chandrawanshi | Spina bifida | Dr.ShashikantChandrakar | PO1, PO4,
PO11 | PEO1 ,
PEO 2, |
| Nidhi Patle | Phytochemical Screening of Ethyl Acetate Extract Root of Martynia Annua | Mr.Shiv Kumar Bhardwaj | PO1, PO2,
PO3, PO4,
PO11 | PEO1 ,
PEO 2,
PEO 3 |
| Niraj Kumar | A Review on Pyrazole Derivatives based on Pharmacological Properties | Mr.Rahul Kumar | PO1, PO2,
PO3, PO4,
PO11 | PEO1 ,
PEO 2,
PEO 3 |
| Nitesh Tande | A Review on Liver Cirrhosis | Mr.Renuka Verma | PO1, PO4,
PO11 | PEO1 ,
PEO 2, |
| Palak Patel | Study of Coagulating and Anticoagulating Agents | Mrs.Shilpa Sahu | PO1, PO4,
PO11 | PEO1 ,
PEO 2, |
| Pankaj Baghel | Virus Host Interaction Humn Corona Virus | Mr.Gunjn Kalyani | PO1, PO4,
PO11 | PEO1 ,
PEO 2, |
| Pankaj Kumar | A Review on Dendrimers as Drug Delivery system | Mrs.Shilpa Sahu | PO1, PO4,
PO11 | PEO1 ,
PEO 2,
PEO3 |
| Parul Verma | Review on Genetic Medicine | Dr.Shashikant Chandrakar | PO1, PO4,
PO11 | PEO1 ,
PEO 2, |
| Pavan Kumar | A Review on Vitiligo | Dr.Pushpa P.Gupta | PO1, PO2,
PO3, PO4,
PO11 | PEO1 ,
PEO 2,
PEO3 |
| Pawan Yadu | Preliminary Phytochemical Screening for qualitative Test : An Review | Mr.Shiv bhardwaj | PO1, PO4,
PO11 | PEO1 ,
PEO 2, |
| Pradip Dewangan | A Review on Pharmacological Activity of Cynodon Dactylon | Ms.Poonam Sahu | PO1, PO4,
PO11 | PEO1 ,
PEO 2, |
| Prashant Sahu | Review on Herbal Antidiabetic Drug | Dr.Bibekand Meher | PO1, PO2,
PO3, PO4,
PO11 | PEO1 ,
PEO 2, |
| Punit Banjare | A Review on Vicarious menstruation and it's Treatment strategies | Ms.Prakriti Diwan | PO1, PO4,
PO11 | PEO1 ,
PEO 2, |

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| Purendra sahu | A Systematic Review on covid - 19 and Multiorgan failure with on acute lungs hert & renel | Mrs.Neha Dubey | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Pushpendra Jaishwal | Management of Diabetes in covid -19 | Ms.Renuka Verma | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Radhika Sahu | A Review on new trends and development in cosmeceuticals | Dr.S.S.Shukla | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Rahul Kumar | A Review on Transdermal Drug Dlivery System | Dr.Beena Gidwani | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Rahul Patel | A Review on Phytoconstituents and Pharmacological Basis of Tabernaemontana Diverticate | Mr.Rhul Kumar | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Rashmi Dhruw | A Review on Herbal Drugs Prevent Insulin Resistance | Dr.Bibekand Meher | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Renu Sharma | A Review on Teratogenesis Affecting the foetal Growth & Development | Mrs.DishaKesharwani | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Sagar Lahre | Antioxidant Activity of Ethanolic Ectract of Martiynia Annua root | Mr.Shiv Bhardwaj | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Sanjana Panjwani | A Review on Symptom Pathogenesis and Treatment of PCOD | Mrs.Neha Dubey | PO1, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Sanjul Mishra | A Review on Conventional Approches vs,Novel Approaches of Insulin Administration for Daibetes Patients | Mr.Rahul Kumar | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Saroj Jangde | A Review on : Solubility Enhancement Techniques | Ms.Monik Bhairam | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, |
| Satyaprakash | Problems Associated with Covid -19 | Mrs.Disha Kesharwani | PO1, PO4, PO11 | PEO1 , PEO 2, |
| Shafik Khan | A Review on Nanoemulsion | Dr.Beena Gidwani | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Shalini Gupta | Mnagement of Thyroid in Pregnancy | Ms.Renuka Verma | PO1, PO4, PO11 | PEO1 , PEO 2, |

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|------------------------|-------------------------------------------------------------------------|---------------------|--------------------------|--------------------|
| Shivcharana Pal | A review on Nanoparticle Targeted for Drug Delivery | Mr.Akhilesh Kumar | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Shoaib Middy | Prevention and Control of Sick cell anemia in Chhattisgarh | Mr.Swapnil Lall | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Shreya Jain | An Exhaustive study on Inventory Control and supply chain Management | Ms.Gunjn Kalyani | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Sonali Dhruw | High Performance Liquid Chrometography | Ms.Monika Bhairam | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Suraj Ratnani | Alzheimer the Major Cause of Dementia | Ms.Renuka Verma | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Suruj Banjare | Covid -19 Associated with Mucomycosis A Concise Review | Mrs. Sandhya Mishra | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Sushma Banjare | A Review on RNA Aptamer in covid-19 Tratment | Mrs.Prakriti diwan | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Swati Verma | A Review on Haemophilia Health Information and Treatment | Mr.Akhilesh Kumar | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Tekeshwar Kumar | Roll of stem Cell in cancer Tharapy | Ms.Poonam Sahu | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Tomeshwri Verma | Transethosome ; A Promising Drugs Delivery System for Transdermal route | Mrs.Sandhya Mishra | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Toshni Sinha | Flemingia strobilifera:A Review | Mr.Sagar Sahu | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Vedika Vaishnav | Leptospira as an Emerging pathogen :A Review | Mr.Sagar Sahu | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Vijay Kumar | Review on Drug Delivery System | Mr.Akhilesh Kumar | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Vimal Kumar | A Comprehensive Review on Mucormycosis | Mr.Akhilesh Kumar | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Vivek Verma | A Review on : Bioenhancer | Ms.Renuka Verma | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |

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| Yash Govindani | HPLC : An Overview of Shimadzu I Series LC -2050 | Mr.Swapnil Lall | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Yashvant Kumar Sahu | A Review Article on Cyclodextrin Basad drug Delivery | Ms.Monika Bhairam | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |
| Yuvraj Singh | A Review on Mucoadhesivedrug Delivery system | Mrs. Shilpa Sahu | PO1, PO2, PO3, PO4, PO11 | PEO1 , PEO 2, PEO3 |

8.5 Career Guidance, Training, Placement (10)

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| Institute Marks (10) |
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(Specify the facility, its management and its effectiveness for career guidance including counseling for higher studies, campus placement support, industry interaction for training/internship/placement, etc.)


A. Availability of career guidance facilities (2)


The Institute has a separate Training and Placement Cell. A Placement Committee consisting of one Training and Placement officer and faculty members decides the guidelines for the placement activity.


We encourage the students to go for Industrial Training during vacation especially after third year.


Sessions are arranged on Resume Writing, Interview Techniques and Aptitude Test. Guest Lectures and Training Programmes for the students.


| Details of Placement Committee | |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Mr. Atanu Bhattacharya
(Training & Placement Officer)

B. Sc. (Physics, Chemistry & Maths) |  |

| | |
|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Mr. Swapnil lal
Member
BE (Biotechnology) |  |
| Mr. Rahul Goswami
Member

M. Pharm (Pharmaceutical Chemistry) |  |
| Ms. Durgeshnandini Sinha
Member

M. Pharm (Pharmaceutics) |  |
| Ms. Shilpa Sahu
Member

M. Pharm (Quality Assurance) |  |

Mr.Mahendra K Dewangan

Member



Career Guidance –

The institute has established good relationship with Adroit, Corel and Household pharmaceuticals Pvt Ltd to access human resources knowledge for the benefit of the staff and students.

- Arranging personality development sessions by experts.
- Periodic motivational lectures by experts.
- Arrange intership with industry.

Group Discussion Classes (Session – 2024-25)

| Sl. No. | Date of Class | Topic | Class taken by | Semester and Batch | Day |
|---------|---------------|-------------------------------------|--------------------|--------------------|-----------|
| 1 | 24/07/2024 | “Book-to-screen adaptation” | Mr. Swapnil lal | VII SEM A | Wednesday |
| 2 | 22/08/2024 | “Time management strategies” | Mr. Rahul Goswami | VII SEM A | Thursday |
| | 23/08/2024 | | | VII SEM B | Friday |
| 3 | 28/01/2025 | “Education: The foundation of Life” | Mr. Gunjan Kalyani | VIII SEM A | Tuesday |
| | 29/01/2025 | | | VIII SEM B | Wednesday |

Group Discussion Classes (Session – 2023-24)

| Sl. No. | Date of Class | Topic | Class taken by | Semester and Batch | Day |
|---------|---------------|--------------------------|-----------------|--------------------|-----------|
| 1 | 23/08/2023 | “Gardening as a Therapy” | Mr. Swapnil lal | VII SEM B | Wednesday |

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|----------|------------|----------------------------------------|-------------------|------------|-----------|
| | 24/08/2023 | | | VII SEM A | Thursday |
| 2 | 12/09/2023 | “Productivity hacks for busy schedule” | Mr. Rahul Goswami | VII SEM B | Tuesday |
| | 13/09/2023 | | | VII SEM A | Wednesday |
| 3 | 19/02/2024 | “Impact of reading on personal growth” | Mr. Swapnil Lal | VIII SEM B | Monday |
| | 20/02/2024 | | | VIII SEM A | Tuesday |

Group Discussion Classes (Session – 2022-23)

| Sl. No. | Date of Class | Topic | Class taken by | Semester and Batch | Day |
|----------|---------------|-------------------------------------------|--------------------|--------------------|-----------|
| 1 | 28/09/2022 | “Information literacy in the digital age” | Mr. Swapnil Lal | VII SEM A | Wednesday |
| | 29/09/2022 | | | VII SEM B | Thursday |
| 2 | 14/11/2022 | “Knowledge sharing and collaboration” | Mr. Gunjan Kalyani | VIII SEM B | Monday |
| | 15/11/2022 | | | VIII SEM A | Tuesday |
| 3 | 03/02/2023 | “Lifelong learning strategies” | Mr. Swapnil Lal | VIII SEM B | Tuesday |
| | 04/02/2023 | | | VIII SEM A | Wednesday |

B. Counselling for higher studies

Institute motivates and encourages towards the higher studies through following two channels –

Counselling through Training & Placement Cell –

Career guidance, Training and Placement Cell motivates B. Pharm final year students time to time towards the higher studies.

Counselling through Student – Teacher Mentor –

Faculties of the Institute also motivate and counsel their students under the Student –

Teacher Mentor scheme for higher studies and research work.

C. Industry interaction for training (3)

- Institute has understanding with pharma industries for training of students.

Academic Year 2024-25: Industrial /Hospital Summer Training

| Sl. No. | Name of student | Industry | Department | Relevance to Program Outcomes |
|---------|---------------------------|----------------------------------------|-------------------|-------------------------------|
| 1. | Aryan Mishra | Blue Bird Children's Hospital | Medical store | 1,2,3,5, 6,8,9,11 |
| 2. | Karan Tiwari | Shree Medical Store, | Medical Store | 1,2,3,5, 6,8,9,11 |
| 3. | Aman Kumar
Vishwakarma | Swastik Medical Stores | Medical Store | 1,2,3,5, 6,8,9,11 |
| 4. | Ankit Yadav | Pooja medical Stores | Medical store | 1,2,3,5, 6,8,9,11 |
| 5. | Annapurna
Bharatdwaj | Vijay Prakash Medical & General Stores | Medical store | 1,2,3,5, 6,8,9,11 |
| 6. | Aarti Jadwani | Laxmi Medical Stores, Raipur | Medical Stores | 1,2,3,5, 6,8,9,11 |
| 7. | Alish Masih | Shani Kripa Medical Stores | Medical store | 1,2,3,5, 6,8,9,11 |
| 8. | Akanksha Verma | Mata Kaushalya Medical store | Medical store | 1,2,3,5, 6,8,9,11 |
| 9. | Ashish Bais | Shri Sai Medical Store | Medical store | 1,2,3,5, 6,8,9,11 |
| 10. | Ashish Dhritlahre | ECHO Medicare | Medical store | 1,2,3,5, 6,8,9,11 |
| 11. | Babita Singh | Zemark Laboratories | Quality Assurance | 1,2,3,5, 6,8,9,11 |
| 12. | Bhawana Kushwaha | Office of Incharge Medical Officer | Hospital Pharmacy | 1,2,3,5, 6,8,9,11 |
| 13. | Bhagirathi Sahu | Renuka Medical Store | Medical store | 1,2,3,5, 6,8,9,11 |
| 14. | Damini Verma | Jai Medical store | Medical store | 1,2,3,5, 6,8,9,11 |
| 15. | BholeswarDhruw | Shriji Chemist Kutchery Chowk | Medical Store | 1,2,3,5, 6,8,9,11 |
| 16. | Bawanishankar Sahu | Vaishali Medical and Clinic Saraipali | Hospital Pharmacy | 1,2,3,5, 6,8,9,11 |
| 17. | Chaitanya Yadu | Satya Medical Stores | Medical store | 1,2,3,5, 6,8,9,11 |
| 18. | Chhamman | Sneha Medical | Medical store | 1,2,3,5, 6,8,9,11 |

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|---------------|-----------------------|----------------------------------------|-------------------|------------------|
| Chandravanshi | | | | |
| 19. | Deepak Kumar | Jyoti Medical Hall | Medical Store | 1,2,3,5,6,8,9,11 |
| 20. | Dhanraj | Laxmi medical store | Medical store | 1,2,3,5,6,8,9,11 |
| 21. | Deepika Navrange | Primary Health care Silyari | Hospital Pharmacy | 1,2,3,5,6,8,9,11 |
| 22. | Devendra Pratap Singh | Shree Dhanwantri generic medical store | Medical store | 1,2,3,5,6,8,9,11 |
| 23. | Devesh Kumar | Mehta Medicos | Meical Store | 1,2,3,5,6,8,9,11 |
| 24. | Dewika Sahu | Shri Sai Medical Store | Medical store | 1,2,3,5,6,8,9,11 |
| 25. | Devshree Sharma | Heena medical, Raipur | Medical store | 1,2,3,5,6,8,9,11 |
| 26. | Dikesh | Veena medical store | Medical store | 1,2,3,7,9,11 |
| 27. | Digeshwar Sahu | Pooja Medical Stores | Medical store | 1,2,3,7,9,11 |
| 28. | Devansh Tiwari | Chandi Maa Medical Stores | Medical Stores | 1,2,3,5,6,8,9,11 |
| 29. | Gaurav Harjpal | Shilpa medical Stores | Medical Stores | 1,2,3,5,6,8,9,11 |
| 30. | Gurucharan | Shree Ram Medical Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 31. | Geetanshu Sahu | Anjali Medical Stores | Medical Stores | 1,2,3,5,6,8,9,11 |
| 32. | Ghansyam Chakradhare | District Hospital, Balodabazar | Hospital Pharmacy | 1,2,3,5,6,8,9,11 |
| 33. | Gaurav Sahu | Laxmi Medical Shop | Medical store | 1,2,3,5,6,8,9,11 |
| 34. | Harsh Dewangan | Jai Laxmi Medical & General Store | Medical store | 1,2,3,5,6,8,9,11 |
| 35. | Harshit Thakur | Laxmi Medical Shop | Medical store | 1,2,3,5,6,8,9,11 |
| 36. | Himanshi Sahu | Shri Ram Medical store | Medical store | 1,2,3,5,6,8,9,11 |
| 37. | Himanshu | Pooja medical Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 38. | Himanshu Gupta | Payal Medical & General Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 39. | Himanshu Manikpuri | Swastik Medical store | Medical store | 1,2,3,5,6,8,9,11 |

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| 40. | Hirendra Sagar | Shree Medical | Medical store | 1,2,3,5,6,8,9,11 |
| 41. | Hulsi Patel | Suyash Institute of medical science pvt. Ltd | Medical store | 1,2,3,5,6,8,9,11 |
| 42. | Jagriti Nagpal | Shri Khrishna Medical & General Store | Medical store | 1,2,3,5,6,8,9,11 |
| 43. | Jha Dev Verma | Dev medicos | Medical store | 1,2,3,5,6,8,9,11 |
| 44. | Johnson | Sandhya medical &Surgicals | Medical store | 1,2,3,5,6,8,9,11 |
| 45. | Jyoti Verma | Shri Ram Medical Store | Medical store | 1,2,3,5,6,8,9,11 |
| 46. | Kajal Dewangan | Sagar Medical Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 47. | Karan Tiwari | Shree Medical | Medical store | 1,2,3,5,6,8,9,11 |
| 48. | Kartavya Patel | Sharma Medical & General Store | Medical store | 1,2,3,5,6,8,9,11 |
| 49. | Kavita Sahu | Sanjeevani Medical Store | Medical store | 1,2,3,5,6,8,9,11 |
| 50. | Keshav Kumar Verma | Kartikey Medical Store
Ahilda Raipur | Medical Store | 1,2,3,5,6,8,9,11 |
| 51. | Khemraj Sahu | Sharda medical & General Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 52. | Khilesh Sahu | Sahu Pharma | Medical store | 1,2,3,5,6,8,9,11 |
| 53. | Khileshwar Sinha | Preeti Medical Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 54. | Kriti Nishad | Vijay Prakash Medical & General Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 55. | Kumar Gaurav Sahu | Shree Balaji Medical Stores | Medical Store | 1,2,3,5,6,8,9,11 |
| 56. | Kunal Yadav | Life Pharmacy | Medical store | 1,2,3,5,6,8,9,11 |
| 57. | Kunal Yadu | Shri Khrishna Medical Store & Yadav Clinic | Hospital Pharmacy | 1,2,3,5,6,8,9,11 |
| 58. | Arvind Sahu | Rikhi Medical Stores | Medical Store | 1,2,3,5,6,8,9,11 |
| 59. | Laxmi Dewangan | Sahaj Medical Store | Medical store | 1,2,3,5,6,8,9,11 |
| 60. | Manish Kumar | Shri Padmandas Jethani memorial Hospital | Hospital pharmacy | 1,2,3,5,6,8,9,11 |
| 61. | Manisha Sahu | Laxmi Medical Store, Raipur | Medical store | 1,2,3,5,6,8,9,11 |

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|------------|------------------------|-----------------------------------------|-------------------|------------------|
| 62. | Goyal Verma | Shree Narayana Hospital | Hospital Pharmacy | 1,2,3,5,6,8,9,11 |
| 63. | Neelam Sahu | Shree Balaji Medical Stores | Medical Store | 1,2,3,5,6,8,9,11 |
| 64. | Neelima Verma | Shri Jagannath Multispeciality Hospital | Hospital Pharmacy | 1,2,3,5,6,8,9,11 |
| 65. | Nikhil Kumar Sahu | Laxmi Medical Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 66. | Niraj Sahu | Rishi Medical Store | Medical Stores | 1,2,3,5,6,8,9,11 |
| 67. | Niranjan Das Markandey | Shree Ram medical Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 68. | Om Agrawal | Annapurna Medical Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 69. | Pankaj Kumar Banjare | Nishad EH Health care | Hospital pharmacy | 1,2,3,5,6,8,9,11 |
| 70. | Paras Kumar Sahu | Manish Medical Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 71. | Piyush Verma | Badri Medical Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 72. | Pooja Sahu | Shri Balaji Medical Stores | Medical Store | 1,2,3,5,6,8,9,11 |
| 73. | Pragya Sahu | Satya medical Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 74. | Pratik Verma | Veena Medical Stores | Medical Store | 1,2,3,5,6,8,9,11 |
| 75. | Praveen Nishad | New Om Medical store | Medical Store | 1,2,3,5,6,8,9,11 |
| 76. | Rahul Chandrakar | Shani Kripa Medical Stores | Medical Store | 1,2,3,5,6,8,9,11 |
| 77. | Rahul Meher | Civil Hospital, Mana | Hospital Pharmacy | 1,2,3,5,6,8,9,11 |
| 78. | Rashmi | Jai Baba Medical & General Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 79. | Rohit Kumar | Shri Narayana Hospital | Medical store | 1,2,3,5,6,8,9,11 |
| 80. | Roshani Pathak | Sagar Medical Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 81. | Sakshi Kurre | Shree Ram Medical And General Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 82. | Rahul Rathore | Veena Medical Store | Production | 1,2,3,5,6,8,9,11 |
| 83. | Sandeep Kumar | Sneha Medical | Medical store | 1,2,3,5,6,8,9,11 |

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|-------------|-----------------------|----------------------------------------------------|-------------------|------------------|
| 84. | Seema | Verma Medical Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 85. | Shalini Mahar | Vijay Prakash Medical & General Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 86. | Shruti Kashyap | Laxmi Medical Store | Medical Store | 1,2,3,5,6,8,9,11 |
| 87. | Shubham Sahu | Shrijan Medical Stores | Medical Store | 1,2,3,5,6,8,9,11 |
| 88. | Shubham Sahu | Naveen Medical Stores | Medical Store | 1,2,3,5,6,8,9,11 |
| 89. | Shweta | Laxmi Medical Store | Medical Store | 1,2,3,5,6,8,9,11 |
| 90. | Suhani Singh | Jeet Medical Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 91. | Sukriya Sarkar | Shahid Mahendra Karma Smriti Chikitsalay, Dimrapal | Hospital Pharmacy | 1,2,3,5,6,8,9,11 |
| 92. | Tamradhwaj | Samudaiyk Swasthya Kendra, Makdi | Hospital Pharmacy | 1,2,3,5,6,8,9,11 |
| 93. | Ratna Devi | Primary Health Care centre | Hospital Pharmacy | 1,2,3,5,6,8,9,11 |
| 94. | Taniya Nebhwani | Laxmi Medical Store | Medical store | 1,2,3,5,6,8,9,11 |
| 95. | Tasmiya Khwaja | Dushyant Medical Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 96. | Samriddhi Rajput | Jeet Medical Stores | Medical Store | 1,2,3,5,6,8,9,11 |
| 97. | Tushar Tripathi | Ganesh Medical Stores | Medical Stores | 1,2,3,5,6,8,9,11 |
| 98. | Vasu Verma | Om Medicos, Rajim | Medical Store | 1,2,3,5,6,8,9,11 |
| 99. | Ved Prakash Bandhe | Dev Medicos | Medical Stores | 1,2,3,5,6,8,9,11 |
| 100. | Vidhi Pushpakar | Chawla Medical & General Stores | Medical store | 1,2,3,5,6,8,9,11 |
| 101. | Virendra Kumar Koshle | ECHO Medicare | Medical Store | 1,2,3,5,6,8,9,11 |
| 102. | Sandeep Kumar Kurre | Shri Dhanvantari Generic Medical Store, Raipur | Medical store | 1,2,3,5,6,8,9,11 |
| 103. | Vinay Sahu | Shree Narayana Hospital | Medical store | 1,2,3,5,6,8,9,11 |
| 104. | Tushar Dewangan | Sneha Medical | Medical Store | 1,2,3,5,6,8,9,11 |
| 105. | Yogendra Kumar | Shiv Shankar Medical Store | Medical store | 1,2,3,5,6,8,9,11 |

Academic Year 2023-24: Industrial /Hospital Summer Training

| Sl. No. | Name of student | Industry | Department | Relevance to Program Outcomes |
|---------|--------------------|---------------------------------|-------------------|-------------------------------|
| 1. | Abhijeet Banjare | OPG Pharma | Quality Assurance | 1,2,3,4,5, 6,8,9,11 |
| 2. | Abhishek Mathuse | Vaibhav Medical Store | Pharmacy | 1,2,3,5, 6,8,9,11 |
| 3. | Ajay Kurre | Paras Medicose, Bihaan Hospital | Hospital Pharmacy | 1,2,3,5, 6,8,9,11 |
| 4. | Akanksha Verma | Laxmi Medical Store | Pharmacy | 1,2,3,5, 6,8,9,11 |
| 5. | Akash Kumar Sinha | Paras Medicose, Bihaan Hospital | Hospital Pharmacy | 1,2,3,5, 6,8,9,11 |
| 6. | Aman Kushwaha | Laxmi Medical Store | Pharmacy | 1,2,3,5, 6,8,9,11 |
| 7. | Aman verma | Paras Medicose, Bihaan Hospital | Hospital Pharmacy | 1,2,3,5, 6,8,9,11 |
| 8. | Amey Joshi | 9M India Limited | Quality Assurance | 1,2,3,4,5, 6,8,9,11 |
| 9. | Anamika Dutta | Paras Medicose, Bihaan Hospital | Quality Assurance | 1,2,3,4,5, 6,8,9,11 |
| 10. | Aniket Maheshwari | Mahira Medical Store | Hospital Pharmacy | 1,2,3,5, 6,8,9,11 |
| 11. | Ankita Bhaduri | Bihaan Hospital | Quality Assurance | 1,2,3,4,5, 6,8,9,11 |
| 12. | Ankita Soni | Ekta Institute of Child Health | Hospital Pharmacy | 1,2,3,5, 6,8,9,11 |
| 13. | Annapurna | Satya Medical Store | Quality Assurance | 1,2,3,4,5, 6,8,9,11 |
| 14. | Arial Lakra | Dinesh Chemicals | Production | 1,2,3,4,5, 6,8,9,11 |
| 15. | Ashish Ekka | Dinesh Chemicals | Production | 1,2,3,4,5, 6,8,9,11 |
| 16. | Atharva Chandrakar | 9M India Limited | Production | 1,2,3,4,5, 6,8,9,11 |
| 17. | Ayush Mishra | Dinesh Chemicals | Production | 1,2,3,4,5, 6,8,9,11 |
| 18. | Ayush Verma | Dinesh Chemicals | Production | 1,2,3,4,5, 6,8,9,11 |

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|------------|------------------------|------------------------------------|----------------------|------------------------|
| 19. | Ayush Verma | Vrinda Medical Store | Production | 1,2,3,4,5,
6,8,9,11 |
| 20. | Baleshwari
Navrange | New Medical Store,
Balodabazar | Hospital
Pharmacy | 1,2,3,5,
6,8,9,11 |
| 21. | Bharti Dhiwar | Shree Sai Medical Store,
Aarang | Production | 1,2,3,4,5,
6,8,9,11 |
| 22. | Bharti Sahu | Satyam Pharmacy, Raipur | Production | 1,2,3,4,5,
6,8,9,11 |
| 23. | Bhaskar Sahu | 9M India Limited | Production | 1,2,3,4,5,
6,8,9,11 |
| 24. | Chandan Chaubey | 9M India Limited | Production | 1,2,3,4,5,
6,8,9,11 |
| 25. | Chandrakant Sahu | Dinesh Chemicals | Production | 1,2,3,4,5,
6,8,9,11 |
| 26. | Devansh Amol
Lagoo | OPG Pharma | Quality
Assurance | 1,2,3,7,9,
11 |
| 27. | Dhaneshwari Sahu | OPG Pharma | Quality
Assurance | 1,2,3,7,9,
11 |
| 28. | Dipti Rathore | Vikash Medical Store,
Raigarh | Hospital
Pharmacy | 1,2,3,9,11 |
| 29. | Girish Poptani | OPG Pharma | Quality
Assurance | 1,2,3,7,9,
11 |
| 30. | Gitanjali Verma | OPG Pharma | Quality
Assurance | 1,2,3,4,5,
6,8,9,11 |
| 31. | Harishchandra Sinha | Dinesh Chemicals | Production | 1,2,3,7,9,
11 |
| 32. | Harsh Kumar Bharti | OPG Pharma | Quality
Assurance | 1,2,3,7,9,
11 |
| 33. | Himanshu Jangde | OPG Pharma | Quality
Assurance | 1,2,3,7,9,
11 |
| 34. | Iram Shahid Ansari | Dinesh Chemicals | Production | 1,2,3,4,5,
6,8,9,11 |
| 35. | Jyoti Dewangan | Dinesh Chemicals | Production | 1,2,3,4,5,
6,8,9,11 |
| 36. | Jyoti sahu | Dinesh Chemicals | Production | 1,2,3,7,9,
11 |
| 37. | Kajal Mishra | Dinesh Chemicals | Production | 1,2,3,4,5,
6,8,9,11 |
| 38. | Kamraj Verma | Dinesh Chemicals | Production | 1,2,3,7,9,
11 |
| 39. | Keshav Prasad Bisen | Dinesh Chemicals | Production | 1,2,3,7,9,
11 |

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|------------|-------------------------|----------------------------------|-------------------|--------------------|
| 40. | Khumesh Verma | OPG Pharma | Quality Assurance | 1,2,3,7,9,11 |
| 41. | Komal Sahu | 9M India Limited | Production | 1,2,3,4,5,6,8,9,11 |
| 42. | Kunika Sahu | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 43. | LaxmiRani Verma | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 44. | Linisha Sahu | Haseeb Pharmaceuticals pvt. Ltd. | Production | 1,2,3,4,5,6,8,9,11 |
| 45. | Mamta Khare | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 46. | Maneesha Manhare | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 47. | Manjeet Dev Ku. Mallick | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 48. | Monisha Kaushik | 9M India Limited | Production | 1,2,3,4,5,6,8,9,11 |
| 49. | Minakshi Dewangan | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 50. | Navin Kumar Tandan | OPG Pharma | Quality Assurance | 1,2,3,7,9,11 |
| 51. | Nilesh Chauhan | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 52. | Onkar Barik | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 53. | Pankaj Sahu | Dinesh Chemicals | Production | 1,2,3,7,9,11 |
| 54. | Parth Deshmukh | 9M India Limited | Production | 1,2,3,4,5,6,8,9,11 |
| 55. | Phaleshwari Sahu | Laxmi Medical store | Pharmacy | 1,2,3,7,9,11 |
| 56. | Piyush Kumar Tiwary | 9M India Limited | Production | 1,2,3,4,5,6,8,9,11 |
| 57. | Pooja Kawade | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 58. | Pradeep kumar Chelak | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 59. | Praveen Sen | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 60. | Praveen Sen | 9M India Limited | Production | 1,2,3,4,5,6,8,9,11 |

| | | | | |
|------------|-----------------------------|----------------------------------|-------------------|--------------------|
| 61. | Rahul Sahu | OPG Pharma | Quality Assurance | 1,2,3,4,5,6,8,9,11 |
| 62. | Rakesh Kumar | OPG Pharma | Quality Assurance | 1,2,3,4,5,6,8,9,11 |
| 63. | Rakhi Sahu | OPG Pharma | Quality Assurance | 1,2,3,4,5,6,8,9,11 |
| 64. | Rashmi Sahu | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 65. | Ravinandan Pandit | 9M India Limited | Production | 1,2,3,4,5,6,8,9,11 |
| 66. | Richa Ramshiromani Tripathi | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 67. | Ritesh Kumar Banjare | 9M India Limited | Production | 1,2,3,4,5,6,8,9,11 |
| 68. | Rohit Barai | 9M India Limited | Production | 1,2,3,4,5,6,8,9,11 |
| 69. | Roshan Kumar Singh | 9M India Limited | Production | 1,2,3,7,9,11 |
| 70. | Sachin Banjare | OPG Pharma | Quality Assurance | 1,2,3,4,5,6,8,9,11 |
| 71. | Sakshi Mishra | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 72. | Sakshi Nayak | 9M India Limited | Production | 1,2,3,4,5,6,8,9,11 |
| 73. | Sakshi Tejawani | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 74. | Samyak Bagrecha | 9M India Limited | Production | 1,2,3,4,5,6,8,9,11 |
| 75. | Sandhya Maury | 9M India Limited | Production | 1,2,3,4,5,6,8,9,11 |
| 76. | Sanjana Singh | 9M India Limited | Production | 1,2,3,4,5,6,8,9,11 |
| 77. | Sarita Rathia | Kirodimal Govt Hospital, Raigarh | Production | 1,2,3,4,5,6,8,9,11 |
| 78. | Sharad Chandrakar | OPG Pharma | Quality Assurance | 1,2,3,4,5,6,8,9,11 |
| 79. | Shriya Verma | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 80. | Sudhanshu Nishad | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 81. | Sushant kumar Sahu | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |

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|------------|---------------------------|------------------------------------|-------------------|--------------------|
| 82. | Suyashdeep Banjare | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 83. | Tanisha Chandrakar | 9M India Limited | Production | 1,2,3,4,5,6,8,9,11 |
| 84. | Tanmay Bhairam | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 85. | Trikansha Sahu | Harish Medical store, Baloda Bazar | Hospital Pharmacy | 1,2,3,9,11 |
| 86. | Trishala Vijaywargiya | Kirodimal Govt Hospital, Raigarh | Hospital Pharmacy | 1,2,3,4,5,6,8,9,11 |
| 87. | Vaibhav Shriwas | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 88. | Vaishali Tiwari | OPG Pharma | Quality Assurance | 1,2,3,4,5,6,8,9,11 |
| 89. | Vaishali Verma | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 90. | Vinay Kumar Verma | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 91. | Virendra Sahu | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 92. | Yamini Sahu | Dinesh Chemicals | Production | 1,2,3,4,5,6,8,9,11 |
| 93. | Yash Patel | 9M India Limited | Production | 1,2,3,4,5,6,8,9,11 |
| 94. | Yashwant Singh Chaturvedi | 9M India Limited | Production | 1,2,3,4,5,6,8,9,11 |

Academic Year 2022-23: Industrial/ Hospital Summer Training

| Sl. No. | Name of student | Industry/ Hospital | Department | Relevance to Program Outcomes |
|-----------|-----------------|------------------------------|---------------|-------------------------------|
| 1. | Aakash Lahari | Om Medical and General Store | Medical Store | 1,2,3,9,11 |
| 2. | Ajay Kumar | Shri Balaji Hospital | Medical Store | 1,2,3,7,9 |
| 3. | Ajay Sahu | Nayak Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 4. | Alok Nath Sahu | Laxmi Medical Shop | Medical Store | 1,2,3,7,9,11 |
| 5. | Amitesh Dahere | Laxmi Medical Shop | Medical Store | 1,2,3,7,9,11 |

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|------------|------------------------|-----------------------------------------------|---------------|--------------|
| 6. | Anjali Minj | Jay Medical | Medical Store | 1,2,3,7,9,11 |
| 7. | Anjana Sahu | Shri Balaji Hospital | Medical Store | 1,2,3,7,9,11 |
| 8. | Anugrah Samanvay Tandi | Sonal Medical Store | Medical Store | 1,2,3,7,9,11 |
| 9. | Anuj Kumar | Maa Bhawani Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 10. | Arpit Chandak | Uma Medical Store | Medical Store | 1,2,3,7,9,11 |
| 11. | Arushi Bhojwani | Mata Laxmi Nursing Home | Medical Store | 1,2,7,9,11 |
| 12. | Arvind Jangde | Laxmi Medical Store | Medical Store | 1,2,3,7,9,11 |
| 13. | Ashmit Sahu | Anvi Pharma | Medical Store | 1,2,3,7,9,11 |
| 14. | Bhanupriya Sahu | MMI Narayana Super speciality Hospital | Medical Store | 1,2,3,7,9,11 |
| 15. | Birendra Ratre | Riyanpurna Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 16. | Chandresh Sahu | Siv medical And General Stores | Medical Store | 1,2,3,7,9,11 |
| 17. | D.Ravikumar | Jawaharlal Nehru Hospital & Research Hospital | Medical Store | 1,2,3,7,9,11 |
| 18. | Darshana Rathi | Bal Gopal Children Hospital | Medical Store | 1,2,3,7,9,11 |
| 19. | Deepak Das | Shree Laxmi Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 20. | Deepak Kumar Verma | Shri Ram Medical Store | Medical Store | 1,2,3,7,9,11 |
| 21. | Devenda Kumar | Nayak Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 22. | Dhaneshwar | Harish Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 23. | Dharmendra Ku. Sahu | Laxmi Med | Medical Store | 1,2,3,7,9,11 |
| 24. | Dibya Lochan Barik | Shri Balaji Hospital | Medical Store | 1,2,3,7,9,11 |
| 25. | Digeshwar sahu | Surya medical Stores | Medical Store | 1,2,3,7,9,11 |
| 26. | Dinesh | Riyanpurna Medical Store | Medical Store | 1,2,3,7,9,11 |
| 27. | Gracy Nawrang | District Hospital Dhamtari | Medical Store | 1,2,3,7,9,11 |

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|------------|---------------------|--------------------------------------------------|---------------|--------------|
| 28. | Hemant Kumar | Riyanpurna Medical Store | Medical Store | 1,2,3,7,9,11 |
| 29. | Hirendra | Riyanpurna medical Stores | Medical Store | 1,2,3,7,9,11 |
| 30. | Ishan Verma | Mata Laxmi Nursing Home and Investigation Centre | Medical Store | 1,2,3,7,9,11 |
| 31. | Jitendra Sahu | Shri Ram Medical Birgaon | Medical Store | 1,2,3,7,9,11 |
| 32. | Jyoti Verma | Maa laxmi Medical Shop | Medical Store | 1,2,3,7,9,11 |
| 33. | Kajal Vishwkarma | Shri Balaji hospital | Medical Store | 1,2,3,7,9,11 |
| 34. | Kalyan Singh Verma | Laxmi Medical Shop | Medical Store | 1,2,3,7,9,11 |
| 35. | Kamaksha Tiwari | Maa Danteshwari Medical Store | Medical Store | 1,2,3,7,9,11 |
| 36. | Kuldeep Patel | Aarogya Hospital & Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 37. | Kush Patel | Akruti Pharma | Medical Store | 1,2,3,7,9,11 |
| 38. | Kushagra Chandrakar | Sonal medical Stores | Medical Store | 1,2,3,7,9,11 |
| 39. | Laxmi Sahu | Pooja medical Stores | Medical Store | 1,2,3,7,9,11 |
| 40. | Laxmikant Sahu | Satyam Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 41. | Manisha Sahu | Sonal Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 42. | Manjeet Bhardwaj | Laxmi Medical | Medical Store | 1,2,3,7,9,11 |
| 43. | Mansi Patwa | Satyam medical Stores | Medical Store | 1,2,3,7,9,11 |
| 44. | Mansi Verma | District Hospital Raipur | Medical Store | 1,2,3,7,9,11 |
| 45. | Mithlesh Diwan | Laxmi Medical Shop | Medical Store | 1,2,3,7,9,11 |
| 46. | Mithleshwar Paikra | Google Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 47. | Moulik Kumar | Kavita medical And General Stores | Medical Store | 1,2,3,7,9,11 |
| 48. | Muskan Kurre | Shiv medical Hall | Medical Store | 1,2,3,7,9,11 |
| 49. | Neeta Banjare | Shree Shankar Medical Stores | Medical Store | 1,2,3,7,9,11 |

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|------------|------------------------|-------------------------------|---------------|--------------|
| 50. | Neetu Verma | Pooja medical Stores | Medical Store | 1,2,3,7,9,11 |
| 51. | Nidhi Sahu | Yash Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 52. | Nikhil Chandrakar | Shani Kripa Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 53. | Nikhil Kumar | Nayak Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 54. | Nikhil Kumar Sahu | Pooja medical Stores | Medical Store | 1,2,3,7,9,11 |
| 55. | Nilesh Kumar Dhruw | Nayak Medical Store Semariya | Medical Store | 1,2,3,7,9,11 |
| 56. | Nitin Kurrey | Suman medical Stores | Medical Store | 1,2,3,7,9,11 |
| 57. | Prabhat | RiyanpurnaMedical Stores | Medical Store | 1,2,3,7,9,11 |
| 58. | Prabhat Verma | Rajesh Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 59. | Prakash Banjare | Laxmi Medical Shop | Medical Store | 1,2,3,7,9,11 |
| 60. | Pranjal Kesharwani | Rajesh Medical Store | Medical Store | 1,2,3,7,9,11 |
| 61. | Pratibha bhagat | District Hospital Raipur | Medical Store | 1,2,3,7,9,11 |
| 62. | Praveen Bhatt | Laxmi Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 63. | Preeti Seshanki Tirkey | Shri Bhagwati Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 64. | Raghunath Verma | Alka Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 65. | Raja | Kunal Medical Stores Shiltara | Medical Store | 1,2,3,7,9,11 |
| 66. | Rasmi Chandrakar | Balaji Medical Store Raipur | Medical Store | 1,2,3,7,9,11 |
| 67. | Renu Kant | Laxmi Medical Shop | Medical Store | 1,2,3,7,9,11 |
| 68. | Ritik Kumar | Gurukripa Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 69. | Robin Son Kashyap | Laxmi Medical Shop | Medical Store | 1,2,3,7,9,11 |
| 70. | Rohan Singh Sahu | Maa Laxmi medical Stores | Medical Store | 1,2,3,7,9,11 |
| 71. | Rohit Verma | Pooja medical Stores | Medical Store | 1,2,3,7,9,11 |

| | | | | |
|------------|-----------------------|-----------------------------------|---------------|--------------|
| 72. | Rupendra Kumar | Alka Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 73. | Sahil Kumar Baghel | Kunal medical Stores | Medical Store | 1,2,3,7,9,11 |
| 74. | Sanat Kumar Netam | Rajesh Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 75. | Sandip | Riyanpurna Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 76. | Sanjay | Ambey medical And General Stores | Medical Store | 1,2,3,7,9,11 |
| 77. | Sanjay Kumar | Kunal Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 78. | Sanju Pal | Manas Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 79. | Saurabh Patel | Ambey Medical And general Stores | Medical Store | 1,2,3,7,9,11 |
| 80. | Shekhar Choudhary | Aarogya Hospital & General Stores | Medical Store | 1,2,3,7,9,11 |
| 81. | Shivam Santosh Thakur | Shiva medical & General Stores | Medical Store | 1,2,3,7,9,11 |
| 82. | Shreya Sharma | Maa Bhawani Pharmacy | Medical Store | 1,2,3,7,9,11 |
| 83. | Shubham Verma | Shiva medical Stores | Medical Store | 1,2,3,7,9,11 |
| 84. | Siddharth Tiwari | We care hospital Pharmacy | Medical Store | 1,2,3,7,9,11 |
| 85. | Smita Toppo | Chandrashekhar medical Store | Medical Store | 1,2,3,7,9,11 |
| 86. | Sonali thakur | Aman medical Stores | Medical Store | 1,2,3,7,9,11 |
| 87. | Suman Sahu | NH MMI Narayana Hospital | Medical Store | 1,2,3,7,9,11 |
| 88. | Suryansh Keshri | We Care Hospital | Medical Store | 1,2,3,7,9,11 |
| 89. | Swati Sahu | NH MMI Narayana Hospital | Medical Store | 1,2,3,7,9,11 |
| 90. | Tukeshwar | Ajay Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 91. | Tukeshwar Yadu | Sitaram Medicos | Medical Store | 1,2,3,7,9,11 |
| 92. | Udit Narayan Sahu | Bihan Hospital Sadhhu | Medical Store | 1,2,3,7,9,11 |
| 93. | Vishwanath Sahu | Rajesh Medical Stores | Medical Store | 1,2,3,7,9,11 |
| 94. | Yadit Kumar | Shree Ram Medical Stores | Medical Store | 1,2,3,7,9,11 |

| | | | | |
|------------|----------------|-----------------------------------|---------------|--------------|
| 95. | Yogendra Kumar | Trived Medical And General Stores | Medical Store | 1,2,3,7,9,11 |
| 96. | Yogita Verma | District Hospital Raipur | Medical Store | 1,2,3,7,9,11 |

D. Placement support (3)

- Insitute's Training and Placement Cell gives their efforts for the Placement of students in various industries/ Marketing field/Hospital etc.
- Institute invites industries for campus placement.

The broad areas of the training and placement cell:

1. The data bank on the student's profiles is maintained by the cell and campus recruitment will be done by the respectice T & P. The interested students submit their CV directly to the T & P Cell.
2. Our main focus is to get at least one job to the register student. However the condition of second job will depend upon the situation and the response of the company.
3. Those who do not wish to participate in any recruitment process, must informed to the T & P office in advance.
4. T & P Officer has to be present throughout the recruitment process in T & P Office, for smooth conduction of interview.

List of Placement of last 3 years are as follows -

| Passout Batch B. Pharm. 2023-24 | | | | |
|---------------------------------|---------------------|----------------|-------------|----------------|
| LIST OF PLACEMENT | | | | |
| SL. No. | Name of the Student | Company Placed | Designation | Annual Package |
| | | | | |

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|------------|-----------------------|---------------------------------------|----------------------------------------------|----------|
| 1. | Vaibhav Sriwas | WELLCURE
PHARMACORP
PVT LTD | Marketing
Executive | 1,20,000 |
| 2. | Vaishali Verma | WELLCURE
PHARMACORP
PVT LTD | Marketing
Executive | 1,20,000 |
| 3. | Roshan Kumar
Singh | T.N.SYS MERYL
PHARMA
PVT.LTD. | Professional
Scientific
Representative | 2,64,000 |
| 4. | Parth Deshmukh | T.N.SYS MERYL
PHARMA
PVT.LTD. | Professional
Scientific
Representative | 1,80,000 |
| 5. | Pankaj Sahu | T.N.SYS MERYL
PHARMA
PVT.LTD. | Professional
Scientific
Representative | 1,80,000 |
| 6. | Rohit Barai | Himalaya Wellness
Ltd | Trainee
Medical
Executive | 3,00,816 |
| 7. | Manjeet Dev
Mallik | Renocare
Pharmaceutical Pvt
Ltd | Brand
Executive | 2,35,980 |
| 8. | Kajal Mishra | Sarathi Healthcare
Ltd. | Product
Specialist | 2,39,994 |
| 9. | Khumesh Verma | Ajanta Pharma Ltd. | Production
Officer | 2,90,157 |
| 10. | Jyoti Dewangan | Macleods | Apprenticeship
in QC | 1,14,000 |
| 11. | Ajay Kurre | Bafna Biotech | Sales
Executive | 2,40,000 |
| 12. | Sakshi Nayak | MAK Azad
College | Lecturer | 120000 |
| 13. | Ritesh Banjare | Spectrum Biocides
India Pvt. Ltd | Trainee Sales
Executive | 2,65,000 |
| 14. | Aman Kushwaha | Spectrum Biocides
India Pvt. Ltd | Trainee Sales
Executive | 2,65,000 |

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|------------|----------------|----------------------------------|---------------------------|----------|
| 15. | Harish Chandra | Spectrum Biocides India Pvt. Ltd | Trainee Sales Executive | 2,65,000 |
| 16. | Rahul Sahu | Himalaya Wellness Ltd | Trainee Medical Executive | 3,00,816 |

| Passout Batch B. Pharm. 2022-23 | | | | |
|---------------------------------|---------------------|----------------------------------|---------------------------|----------------|
| LIST OF PLACEMENT | | | | |
| SL. No. | Name of the Student | Company Placed | Designation | Annual Package |
| 1. | Ajay Sahu | Spectrum Biocides India Pvt. Ltd | Trainee Sales Executive | 2,65,000 |
| 2. | Alok Nath Sahu | Spectrum Biocides India Pvt. Ltd | Trainee Sales Executive | 2,65,000 |
| 3. | Anuj Kumar Sahu | Spectrum Biocides India Pvt. Ltd | Trainee Sales Executive | 2,65,000 |
| 4. | Asmit Sahu | Zydus | Trainee Bussiness Officer | 2,12,000 |
| 5. | Birendra Ratre | Spectrum Biocides India Pvt. Ltd | Trainee Sales Executive | 2,65,000 |
| 6. | Deepak Kumar | Spectrum Biocides India Pvt. Ltd | Trainee Sales Executive | 2,65,000 |
| 7. | Jitendra Sahu | Spectrum Biocides India Pvt. Ltd | Trainee Sales Executive | 2,65,000 |
| 8. | Prakash Banjare | SHREYA LIFE SCIENCES PVT. LTD. | Sales Officer | 1,53,432 |
| 9. | Deepak Das | Aarux Pharmaceuticals Pvt. Ltd | Medical Representative | 2,14,104 |
| 10. | Rupendra Kumar | Mepro Pharmaceuticals Pvt. Ltd | Trainee in Packaging | 2,75,000 |
| 11. | Siddharth Tiwari | Spectrum Biocides India Pvt. Ltd | Trainee Sales Executive | 2,65,000 |

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|-----|------------------|---------------------------------------|-------------------------|----------|
| 12. | Yadit Kumar | Spectrum Biocides India Pvt. Ltd | Trainee Sales Executive | 2,65,000 |
| 13. | Yogendra Kumar | Spectrum Biocides India Pvt. Ltd | Trainee Sales Executive | 2,65,000 |
| 14. | Rohan Singh Sahu | JNTL Consumer Health(India) Pvt Ltd - | Trainee Sales Executive | 1,80,000 |
| 15. | Raghunath | Med Manor Organics | Territory Sales Officer | 1,80,000 |
| 16. | Sandip Markandey | Raman & Weil Pvt Ltd | Medical Representative | 2,37,648 |

Passout Batch B. Pharm. 2021-22
LIST OF PLACEMENT

| SL. No. | Name of the Student | Company Placed | Designation | Annual Package |
|---------|---------------------|---------------------------------------|--------------------------------|----------------|
| 1. | Abhishek Parwani | Abhishek Surgicals | Trainee in his own firm | 120000 |
| 2. | Ajay Kishan | Sahu Medical Stores | Asst. Pharmacist | 96000 |
| 3. | Anas Khan | Ansra Collection | Sales executive | 120000 |
| 4. | Biplab Dwivedi | Suyash Hospital | Traniee Pharmacist | 120000 |
| 5. | Chandrakant Sahu | Laxmi Medical | Pharmacist | 144000 |
| 6. | Dakeswhwar Sahu | Life Care Medical Stores | Pharmacist | 96000 |
| 7. | Dhalesh Kumar Verma | Steller Value Chain Solutions Pvt Ltd | Picker | 96000 |
| 8. | Dhananjay Sahu | Shree Narayana Hospital | Pharmacy Assistant | 96000 |
| 9. | Dumeshwar | Himalaya Wellness Company | Traniee Medical Representative | 300624 |
| 10. | Hari Kumar | Laxmi Medical | Pharmacist | 120000 |

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|-----|-----------------------|-------------------------------|--------------------------------------|--------|
| 11. | Hemant Dewangan | Overseas Health Care Pvt Ltd | Business Representative | 230000 |
| 12. | Kishan Verma | Shivam Medical | Sales executive | 120000 |
| 13. | Kishore Verma | Maa Bhawani Pharmacy | CEO | 144000 |
| 14. | Love Kumar | Himalaya Wellness Company | Traniee Medical Representative | 300624 |
| 15. | Manish Sahu | Vidya Medical | Sales executive | 96000 |
| 16. | Mohit Srivastava | Sri Sri Tattva | Medical Sales officer | 322643 |
| 17. | Neelima Dahariya | Sayoka Pharmaceutical Pvt Ltd | Area Sales Executive | 156156 |
| 18. | Pankaj Kumar Dewangan | Alembic Pharma | Apprentice Medical Representative | 180000 |
| 19. | Pavan Kumar Sahu | Shree Narayana Hospital | Pharmacy Assistant | 96000 |
| 20. | Pradip Dewangan | Elan Pharma (India)Pvt Ltd | Trainee Professional Service officer | 189000 |
| 21. | Pushpendra | Laxmi Medical | Pharmacist | 120000 |
| 22. | Radhika Sahu | Harekrishna Medical Stores | Intern (practicing) | 96000 |
| 23. | Satyprakash | Reshmi Medical | Pharmacist | 144000 |
| 24. | Suraj Banjare | Sayoka Pharmaceutical Pvt Ltd | Area Sales Executive | 156156 |
| 25. | Tekeshwar Kumar | Shree Narayana Hospital | Pharmacy Assistant | 96000 |
| 26. | Tomeshwari Verma | Ambay Medical Stores Pvt Ltd | Pharmacist | 156000 |
| 27. | Toshni Lata | Himalaya Wellness Company | Traniee Medical Representative | 300624 |
| 28. | Shiv Charan Pal | Prism Medical | Traniee Pharmacist | 105000 |

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|-----|---------------------|---------------|--------------------|--------|
| 29. | Vimal Kumar Banjare | Prism Medical | Traniee Pharmacist | 105000 |
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8.6 Entrepreneurship Cell (5)**Institute Marks (5)**

(Describe the facility, its management and its effectiveness in encouraging entrepreneurship and incubation)

Entrepreneurship cell:

Entrepreneurship promotes capital formation and creates wealth in country. It is a hope and dream of millions of individuals around the world. It reduces unemployment and poverty, and it is a pathway to prosper. Entrepreneurship is a process of exploring the opportunities in the market place and arranging resources required to exploit these opportunities for a long term gain. It is a process of planning and organizing opportunities and assuming. Thus, it is a risk of business enterprise. It may be distinguished as an ability to take risk independently to make utmost earnings in the market.

Entrepreneurship development activities at CIP were started in 2011 with the following aim:

Aim -

- Developing entrepreneurial awareness and ability in students.
- Creating a forum for potential entrepreneurs.

The following programs are organized to develop entrepreneurship skills in students and also to familiarize them with various procedures required in converting an idea into a successful business.

The Institute has an entrepreneurship cell. The role of cell is as follows –

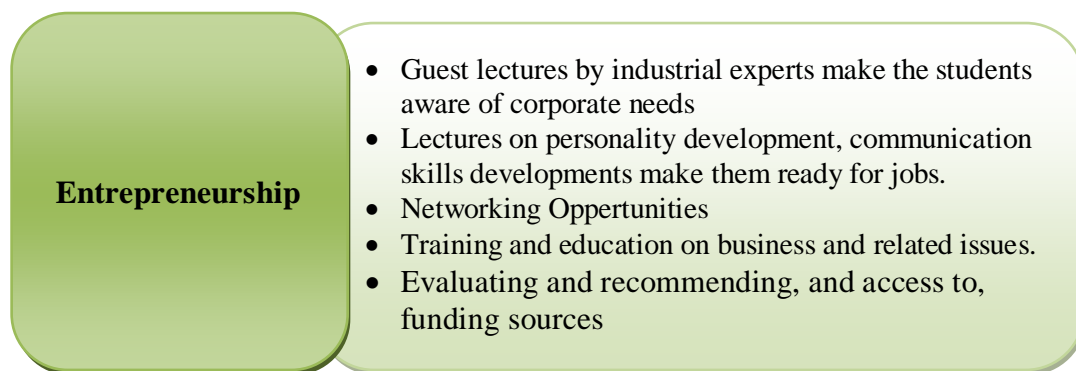


Fig 12: Role of Entrepreneurship Cell

Details of Entrepreneurship Cell

Organized Guest/Self Lectures

Dr. AMIT ROY

Prof. & Principal

- Delivered the lecture on “**Entrepreneurship challenges and solutions in the field of Pharmacy**” On 19.02.2021.
- Delivered lecture on “**Funding options for entrepreneurs**” on 27.05.2021.

Mr. Atanu Bhattacharya

Training and Placement Officer

CIP, Raipur

- Delivered online lecture on “**Women in entrepreneurship**” on 04/07/2022.
- Delivered online lecture on “**Self Assessment: An Important tool for Entrepreneurial mindset**” on 02/08/2023.

Mr. Swapnil lall

Assistant Professor

CIP Raipur

- Delivered the lecture on “**Marketing strategies for new ventures**”on 17/10/2023.
- Delivered the lecture on “**Manufacturing Industries in C.G.**” for students on 01/07/2024.

Prof.Ravindra Kumar Pandey

Professor & Principal

CIP Raipur

- Delivered the lecture on “**Strategies for scaling up a pharma business**”on 17/12/2024.

- Delivered the lecture on “**Role of leadership and team building in entrepreneurship**” for final year students on 11/04/2025.

List of student of Entrepreneurs (Achievements) -

| Sr. No. | Name of the Student/Alumni/entrepreneur | Graduating year | Name of the company/medical Store incubated |
|---------|-----------------------------------------|-----------------|---------------------------------------------|
| 1. | Virendra Sahu | 2024 | Medical Store |
| 2. | Parth Deshmukh | 2024 | Medical Store |
| 3. | Samyak Bagrecha | 2024 | Medical Store |
| 4. | Arpit Chandak | 2023 | Wholesale |
| 5. | Yadit Manhare | 2023 | Medical Store |
| 6. | Neetu Verma | 2023 | Medical Store |
| 7. | Deepak Manikpuri | 2023 | Medical Store |
| 8. | Manisha Sahu | 2023 | Medical Store |
| 9. | Hemant Dandekar | 2023 | Medical Store |
| 10. | Kush Patel | 2023 | Wholesale |
| 11. | Tomeshwari Verma | 2022 | Medical Store |
| 12. | Chanda Wadde | 2022 | Surgical house |
| 13. | D Harsha Dewangan | 2022 | Medical Store |
| 14. | Abhishek Parwani | 2022 | Medical Store |
| 15. | Bhekh lal Banjare | 2022 | Medical Store |
| 16. | David Jangde | 2022 | Medical Store |
| 17. | Gautam Kumar | 2022 | Medical Store |
| 18. | Shivam Gupta | 2022 | Medical Store |
| 19. | Sourav Maity | 2022 | Medical Store |
| 20. | Anuj Minj | 2022 | Medical Store |
| 21. | Bheshaj Sahu | 2021 | Medical Store |

| | | | |
|-----|-------------------|------|----------------|
| 22. | Suraj Sahu | 2021 | Medical Store |
| 23. | Rahul Dev | 2021 | Medical Store |
| 24. | Rahul Kesharwani | 2021 | Medical Store |
| 25. | Urvashi Dhivar | 2021 | Medical Store |
| 26. | Shubham Bais | 2021 | Medical Store |
| 27. | Deepak Patel | 2021 | Medical Store |
| 28. | Rahul Sahu | 2021 | Medical Store |
| 29. | Dikesh sahu | 2021 | Surgical house |
| 30. | Abhijeet Saha | 2021 | Medical Store |
| 31. | Om chandrakar | 2021 | Medical Store |
| 32. | Bhupendra Sahu | 2021 | Medical Store |
| 33. | Riteshb Chainani | 2021 | Medical Store |
| 34. | Manish Sahu | 2021 | Surgical house |
| 35. | Satyprakash | 2021 | Medical Store |
| 36. | Sahween Khan | 2021 | Medical Store |
| 37. | Kameshwar Sahu | 2021 | Medical Store |
| 38. | Prasant Patel | 2021 | Medical Store |
| 39. | Suraj singh | 2021 | Medical Store |
| 40. | Chanda Wadde | 2021 | Medical Store |
| 41. | D Harsha Dewangan | 2021 | Medical Store |

8.7 Co-curricular and Extra-curricular Activities (10)

(Specify the co-curricular and extra-curricular activities)

| |
|-----------------------------|
| Institute Marks (10) |
|-----------------------------|

A. Availability of sports facilities (3)

Games /Sports Facility-

| Sl. No. | Facilities available |
|---------|--------------------------------------------------------------------|
| 1 | Table Tennis Room |
| 2 | Gymnasium |
| 3 | Badminton Indoor |
| 4 | Volly boll court |
| 5 | Play-Ground (I)
Long- Jump, Shot-put, Football, throw ball etc. |
| 6 | Play Ground (II) for various sports |
| 7 | Play Ground (III) Cricket |

List of the Equipments:-

| Sl. No. | List of the equipments in the Gymnasium |
|---------|----------------------------------------------|
| 1 | Walker |
| 2 | Dumbbells Rod & Plates (in different weight) |
| 3 | weight machine |
| 4 | Multi purpose bench |
| 5 | First Aid Box, |

Equipments for Games /Sports:

| Sl. No. | Name of the Facility | Availability |
|---------|----------------------|--------------|
| 1 | Chess | Adequate |
| 2 | Carrom Board | Adequate |
| 3 | Table Tennis Board | Adequate |
| 4 | Badminton - Indoor | Adequate |
| 5 | Gymnasium Hall | Adequate |

| | | |
|-----------|------------------|----------|
| 6 | Volleyball Court | Adequate |
| 7 | Throwball | Adequate |
| 8 | Football | Adequate |
| 9 | Cricket | Adequate |
| 10 | Athletics Track | Adequate |

Broad activities in the area of Games and Sports -

- Preparation of Play fields time to time.
- Conduction of Selection trials to pick-up talented players for participation at Intercollegiate.
- Coaching provided to the participating teams.
- Providing games and sports material for the regular practice.
- To tone-up general fitness purpose, Gymnasium Equipment available for the students.
- Attending University Tournaments and Inter Institutional Tournaments.
- Organizing practice matches for different events from time to time.
- Providing sports uniform for the students for participation in tournaments.
- Conducting games and sports competitions for the students of the Institute every year in annual sports week.
- Conducting games and sports competitions for both teaching and non-teaching staff separately every year in annual sports week.
- Presenting meritorious certificates and mementoes to the winners and runners in Intramural competitions for students and staff on Institute annual cultural day celebration.

B. NCC and/or NSS and other clubs (3)

National Service Scheme (NSS)

Columbia Institute of Pharmacy has established a Rotaract Club which organizes workshop, donation camp, health awareness camp etc. in regular interval.

THE MEMBERS OF NSS OF PREVIOUS FOUR YEARS ARE AS FOLLOWS

MEMBERS OF NSS

(Academic Year 2024-25)

| S.N. | NAME OF STUDENT | CLASS (YEAR) |
|------|----------------------|--------------|
| 1. | Neelam Sahu | B.Pharma IV |
| 2. | Jagriti Nagpal | B.Pharma II |
| 3. | Pooja Sahu | B.Pharma IV |
| 4. | Sandeep Kumar Kurre | B.Pharma IV |
| 5. | Tushar Tripathi | B.Pharma IV |
| 6. | Devshree Sharma | B.Pharma IV |
| 7. | Shubham Sahu | B.Pharma IV |
| 8. | Kunal yadu | B.Pharma IV |
| 9. | Piyush Verma | B.Pharma IV |
| 10. | Khileshwar Sinha | B.Pharma IV |
| 11. | Gurucharan | B.Pharma IV |
| 12. | Sakshi kurre | B.Pharma IV |
| 13. | Shalini Mahar | B.Pharma IV |
| 14. | Himanshi Sahu | B.Pharma IV |
| 15. | Khilesh Sahu | B.Pharma IV |
| 16. | Tushar Dewangan | B.Pharma IV |
| 17. | Kumar gaurav Sahu | B.Pharma IV |
| 18. | Rahul Chandrakr | B.Pharma IV |
| 19. | Rashmi Yadav | B.Pharma IV |
| 20. | Khemraj Sahu | B.Pharma IV |
| 21. | Yogendra Kumar Sahu | B.Pharma III |
| 22. | Himanshu Manikpuri | B.Pharma IV |
| 23. | Neelam Sahu | B.Pharma III |
| 24. | Suman sahu | B.Pharma III |
| 25. | Gyandeep ghritlahare | B.Pharma III |
| 26. | Amar sahu | B.Pharma III |
| 27. | Chaitanya Yadu | B.Pharma IV |

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| 28. | Shilpa Sen | B.Pharma III |
| 29. | Thency | B.Pharma III |
| 30. | Saurabh Kumar Sahu | B.Pharma III |
| 31. | Isha verma | B.Pharma III |
| 32. | Kanakshi Manhar | B.Pharma III |
| 33. | Tamanna verma | B.Pharma III |
| 34. | Khushi sahu | B.Pharma III |
| 35. | Prachi jaiswal | B.Pharma III |
| 36. | Chandrakant Nishad | B.Pharma III |
| 37. | Isha Verma | B.Pharma III |
| 38. | Omin Sahu | B.Pharma III |
| 39. | Nikita sahu | B.Pharma III |
| 40. | Varun sahu | B.Pharma III |
| 41. | Nikita Verma | B.Pharma III |
| 42. | Namita patel | B.Pharma III |
| 43. | Kajal verma | B.Pharma III |
| 44. | Tanu Tiwari | B.Pharma III |
| 45. | Tirupati Sahu | B.Pharma III |
| 46. | Sakshi verma | B.Pharma III |
| 47. | Gaurav Sahu | B.Pharma IV |
| 48. | Vandna Rani bhagat | B.Pharma III |
| 49. | Paras Kumar sahu | B.Pharma IV |
| 50. | Fanish kumar | B.Pharma III |
| 51. | Harshraj verma | B.Pharma III |
| 52. | Priyanaka Nishad | B.Pharma III |
| 53. | Aastha ware | B.Pharma II |
| 54. | Dhanraj sahu | B.Pharma II |
| 55. | Arpit sahu | B.Pharma II |
| 56. | Harsh Sahu | B.Pharma II |
| 57. | Gavesh | B.Pharma II |
| 58. | Yashwant Koshle | B.Pharma II |
| 59. | Vibha | B.Pharma II |
| 60. | Vineet Kumar | B.Pharma II |
| 61. | Hari Narayan Sahu | B.Pharma II |
| 62. | Kajal Malakar | B.Pharma II |
| 63. | Hema Nishad | B.Pharma II |

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| 64. | Pranjal Dubey | B.Pharma II |
| 65. | Riya sahu | B.Pharma II |
| 66. | Rameshwari | B.Pharma II |
| 67. | Upasana sahu | B.Pharma II |
| 68. | Bhumika verma | B.Pharma II |
| 69. | Radhika banjare | B.Pharma II |
| 70. | Aniket | B.Pharma II |
| 71. | Vikas | B.Pharma II |
| 72. | Tilak Kumar kurre | B.Pharma II |
| 73. | Gulshan Nagesh | B.Pharma II |
| 74. | Chintamani sahu | B.Pharma II |
| 75. | Varsha Chandel | B.Pharma II |
| 76. | Shantnu kumar sahu | B.Pharma II |
| 77. | Vimal Diwakar | B.Pharma II |
| 78. | Yukti | B.Pharma II |
| 79. | Himanshu sahu | B.Pharma II |
| 80. | Laxmikant sonwani | B.Pharma II |
| 81. | Himanshu Nayak | B.Pharma II |
| 82. | Sahil Verma | B.Pharma II |
| 83. | Rishi gupta | B.Pharma II |
| 84. | Pushkar Kumar Yadav | B.Pharma II |
| 85. | Chhatrapal verma | B.Pharma II |
| 86. | Khumeswar das bairagi | B.Pharma II |
| 87. | Shruti Verma | B.Pharma II |
| 88. | Maheshwari patel | B.Pharma II |
| 89. | Reshma nishad | B.Pharma II |
| 90. | Payal verma | B.Pharma II |
| 91. | Neha Verma | B.Pharma II |
| 92. | Tokendra | B.Pharma II |
| 93. | Saurabh Kumar sahu | B.Pharma II |
| 94. | Priyanshu Thakur | B.Pharma II |
| 95. | Rudra Pratap Yadav | B.Pharma II |
| 96. | Jatin sahu | B.Pharma II |
| 97. | Sourabh Kumar Mishra | B.Pharma II |
| 98. | Surya Dahariya | B.Pharma II |
| 99. | Satanand sahu | B.Pharma II |

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| 100. | Vivek Sinha | B.Pharma II |
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MEMBERS OF NSS
(Academic Year 2023-24)

| S.N. | NAME OF STUDENT | CLASS (YEAR) |
|------|-----------------------|--------------|
| 1. | Neelam Sahu | B.Pharma III |
| 2. | Pooja Sahu | B.Pharma III |
| 3. | Jha Dev Verma | B.Pharma III |
| 4. | Jagriti Nagpal | B.Pharma III |
| 5. | Sandeep Kumar Kurre | B.Pharma III |
| 6. | Tushar Tripathi | B.Pharma III |
| 7. | Devshree Sharma | B.Pharma III |
| 8. | Shubham Sahu | B.Pharma III |
| 9. | Himanshu Gupta | B.Pharma III |
| 10. | Kunal yadu | B.Pharma III |
| 11. | Kunal Yadav | B.Pharma III |
| 12. | Dikesh Sahu | B.Pharma III |
| 13. | Ghanshyam Chakradhare | B.Pharma III |
| 14. | Piyush Verma | B.Pharma III |
| 15. | Bhagirathi Sahu | B.Pharma III |
| 16. | Pratik Verma | B.Pharma III |
| 17. | Khileshwar Sinha | B.Pharma III |
| 18. | Bhawna Kushwaha | B.Pharma III |
| 19. | Kavita sahu | B.Pharma III |
| 20. | Gurucharan | B.Pharma III |
| 21. | Sakshi kurre | B.Pharma III |
| 22. | Neelima Verma | B.Pharma III |
| 23. | Shalini Mahar | B.Pharma III |
| 24. | Himanshi Sahu | B.Pharma III |
| 25. | harshit Thakur | B.Pharma III |
| 26. | Om Agrawal | B.Pharma III |
| 27. | Shubham Sahu | B.Pharma III |
| 28. | Kriti Nishad | B.Pharma III |
| 29. | Suhani Singh | B.Pharma III |
| 30. | Kartavya Patel | B.Pharma III |
| 31. | Devansh Tiwari | B.Pharma III |

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|-----|------------------------|--------------|
| 32. | Damini Verma | B.Pharma III |
| 33. | Tasmiya Khwaja | B.Pharma III |
| 34. | Sukriya Sarkar | B.Pharma III |
| 35. | Chamman Chandravanshi | B.Pharma III |
| 36. | Alish masih | B.Pharma III |
| 37. | Khilesh Sahu | B.Pharma III |
| 38. | Babita Singh | B.Pharma III |
| 39. | Tushar Dewangan | B.Pharma III |
| 40. | Sandeep Kumar | B.Pharma III |
| 41. | Kumar gaurav Sahu | B.Pharma III |
| 42. | Niranjan Das Markandey | B.Pharma III |
| 43. | Devesh sahu | B.Pharma III |
| 44. | Niraj Sahu | B.Pharma III |
| 45. | Rahul Chandrakar | B.Pharma III |
| 46. | Rashmi Yadav | B.Pharma III |
| 47. | Shruti Kashyap | B.Pharma III |
| 48. | Manisha Sahu | B.Pharma III |
| 49. | Shweta Verma | B.Pharma III |
| 50. | Khemraj Sahu | B.Pharma III |
| 51. | Yogendra Kumar Sahu | B.Pharma III |
| 52. | Himanshu Manikpuri | B.Pharma III |
| 53. | Ayush M Nandanwar | B.Pharma II |
| 54. | Varun kurrey | B.Pharma II |
| 55. | Sameer Kumar Chaudhary | B.Pharma II |
| 56. | Neelam Sahu | B.Pharma II |
| 57. | Roshani Pathak | B.Pharma III |
| 58. | Arpit sahu | B.Pharma II |
| 59. | Deepak sahu | B.Pharma II |
| 60. | Girish Dewangan | B.Pharma II |
| 61. | Khemraj sahu | B.Pharma II |
| 62. | Sunil kumar banjare | B.Pharma II |
| 63. | Aryan Dewangan | B.Pharma II |
| 64. | Leena Sinha | B.Pharma II |
| 65. | Suman sahu | B.Pharma II |
| 66. | Gyandeep Ghritlahare | B.Pharma II |
| 67. | Amar sahu | B.Pharma II |

| | | |
|-------------|----------------------|--------------|
| 68. | Chaitanya Yadu | B.Pharma III |
| 69. | Goyal verma | B.Pharma III |
| 70. | Hulsi | B.Pharma III |
| 71. | Pragya sahu | B.Pharma III |
| 72. | Nikhil Mishra | B.Pharma II |
| 73. | Shilpa Sen | B.Pharma II |
| 74. | Toran sahu | B.Pharma II |
| 75. | Thency | B.Pharma II |
| 76. | Saurabh Kumar Sahu | B.Pharma II |
| 77. | Dhanraj verma | B.Pharma II |
| 78. | Isha verma | B.Pharma II |
| 79. | Digendra verma | B.Pharma II |
| 80. | Parul Pandey | B.Pharma II |
| 81. | Kanakshi Manhar | B.Pharma II |
| 82. | Tamanna verma | B.Pharma II |
| 83. | Atul Verma | B.Pharma II |
| 84. | Khushi sahu | B.Pharma II |
| 85. | Prachi jaiswal | B.Pharma II |
| 86. | Leelesh yadav | B.Pharma II |
| 87. | Krishna Tiwari | B.Pharma II |
| 88. | Abhishek Kumar Verma | B.Pharma II |
| 89. | Chandrakant Nishad | B.Pharma II |
| 90. | Isha Verma | B.Pharma II |
| 91. | Omin Sahu | B.Pharma II |
| 92. | Manish Yadu | B.Pharma II |
| 93. | Nikita sahu | B.Pharma II |
| 94. | Rahul Kumar Sahu | B.Pharma II |
| 95. | Khilesh sahu | B.Pharma II |
| 96. | Varun sahu | B.Pharma II |
| 97. | Narendra Dahariya | B.Pharma II |
| 98. | Nikita Verma | B.Pharma II |
| 99. | Pankaj Kumar Sahu | B.Pharma II |
| 100. | Tushar sahu | B.Pharma II |
| 101. | Namita patel | B.Pharma II |
| 102. | Surendra Dahariya | B.Pharma II |
| 103. | Devika Sahu | B.Pharma III |

| | | |
|------|----------------------|--------------|
| 104. | Bhupesh Verma | B.Pharma II |
| 105. | Kajal Verma | B.Pharma II |
| 106. | Vivek Sahu | B.Pharma II |
| 107. | Tanu Tiwari | B.Pharma II |
| 108. | Annapurna Bharatdwaj | B.Pharma III |
| 109. | Kuldeep sahu | B.Pharma II |
| 110. | Devendra Sahu | B.Pharma II |
| 111. | Tukeshwar sahu | B.Pharma II |
| 112. | Bhumika patel | B.Pharma II |
| 113. | Tirupati Sahu | B.Pharma II |
| 114. | Sakshi verma | B.Pharma II |
| 115. | Trilochan Dhiwar | B.Pharma III |
| 116. | Gaurav Sahu | B.Pharma III |
| 117. | Arvind sahu | B.Pharma III |
| 118. | Suraj Sahu | B.Pharma II |
| 119. | Domesh kumar Yadav | B.Pharma II |
| 120. | Vandna Rani bhagat | B.Pharma II |
| 121. | Paras Kumar sahu | B.Pharma III |
| 122. | Shravni sahu | B.Pharma II |
| 123. | Fanish kumar | B.Pharma II |
| 124. | Vinay sahu | B.Pharma III |
| 125. | Harshraj verma | B.Pharma II |
| 126. | Priyanshu sahu | B.Pharma II |
| 127. | Akanksha Verma | B.Pharma III |
| 128. | Seema | B.Pharma III |
| 129. | Mohit Singh Thakur | B.Pharma II |
| 130. | Yogesh kumar sahu | B.Pharma II |
| 131. | Priyanaka Nishad | B.Pharma II |

MEMBERS OF NSS

(Academic Year 2022-23)

| S.N. | NAME OF STUDENT | CLASS (YEAR) |
|------|-------------------|--------------|
| 1. | Smita Toppo | B.Pharma IV |
| 2. | Praveen Bhatt | B.Pharma IV |
| 3. | Udit Narayan Sahu | B.Pharma IV |
| 4. | Ajay Sahu | B.Pharma IV |

| | | |
|-----|------------------------|--------------|
| 5. | Dibya Lochan Barik | B.Pharma IV |
| 6. | Hemant Kumar | B.Pharma IV |
| 7. | Asmit Sahu | B.Pharma IV |
| 8. | Laxmikant Sahu | B.Pharma IV |
| 9. | Nikhil Kumar Sahu | B.Pharma IV |
| 10. | Kuldeep Patel | B.Pharma IV |
| 11. | Pratibha bhagat | B.Pharma IV |
| 12. | Yogita Verma | B.Pharma IV |
| 13. | Arushi Bhojwani | B.Pharma IV |
| 14. | Mansi Verma | B.Pharma IV |
| 15. | Anjana Sahu | B.Pharma IV |
| 16. | Chandresh Sahu | B.Pharma IV |
| 17. | Aakash lahari | B.Pharma IV |
| 18. | Neeta banjare | B.Pharma IV |
| 19. | Alok nath sahu | B.Pharma IV |
| 20. | Tukeshwar | B.Pharma IV |
| 21. | Raghunath verma | B.Pharma IV |
| 22. | Muskan Kurre | B.Pharma IV |
| 23. | Moulik Kumar | B.Pharma IV |
| 24. | Anugrah Samanvay Tandi | B.Pharma IV |
| 25. | Tukeshwar Kumar Yadu | B.Pharma IV |
| 26. | Sandip | B.Pharma IV |
| 27. | Digeshwar sahu | B.Pharma IV |
| 28. | Kush Patel | B.Pharma IV |
| 29. | Ishan Verma | B.Pharma IV |
| 30. | Dharmendra Sahu | B.Pharma IV |
| 31. | Kalyan Singh | B.Pharma IV |
| 32. | Darshana Rathi | B.Pharma IV |
| 33. | Mansi Patwa | B.Pharma IV |
| 34. | Jitendra Sahu | B.Pharma IV |
| 35. | Piyush Tiwary | B.Pharma III |
| 36. | Sakshi Nayak | B.Pharma III |
| 37. | Harishchandra | B.Pharma III |
| 38. | Onkar Barik | B.Pharma III |
| 39. | Yamini Sahu | B.Pharma III |
| 40. | Rohit Barai | B.Pharma III |

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|-----|-----------------------|--------------|
| 41. | Praveen Sen | B.Pharma III |
| 42. | Trikansha Sahu | B.Pharma III |
| 43. | Sanjana Singh | B.Pharma III |
| 44. | Rakhi Sahu | B.Pharma III |
| 45. | Annapurna Tandon | B.Pharma III |
| 46. | Pooja Kawade | B.Pharma III |
| 47. | Sandhya Maurya | B.Pharma III |
| 48. | Girish Poptani | B.Pharma III |
| 49. | Bhaskar Sahu | B.Pharma III |
| 50. | Ritesh Banjare | B.Pharma III |
| 51. | Ameya Joshi | B.Pharma III |
| 52. | Roshan Kumar Singh | B.Pharma III |
| 53. | Neelam Sahu | B.Pharma II |
| 54. | Pooja Sahu | B.Pharma II |
| 55. | Jha Dev Verma | B.Pharma II |
| 56. | Jagriti Nagpal | B.Pharma II |
| 57. | Sandeep Kumar Kurre | B.Pharma II |
| 58. | Tushar Tripathi | B.Pharma II |
| 59. | Devshree Sharma | B.Pharma II |
| 60. | Shubham Sahu | B.Pharma II |
| 61. | Himanshu Gupta | B.Pharma II |
| 62. | Kunal yadu | B.Pharma II |
| 63. | Kunal Yadav | B.Pharma II |
| 64. | Dikesh Sahu | B.Pharma II |
| 65. | Ghanshyam Chakradhare | B.Pharma II |
| 66. | Piyush Verma | B.Pharma II |
| 67. | Bhagirathi Sahu | B.Pharma II |
| 68. | Pratik Verma | B.Pharma II |
| 69. | Khileshwar Sinha | B.Pharma II |
| 70. | Bhawna Kushwaha | B.Pharma II |
| 71. | Kavita sahu | B.Pharma II |
| 72. | Gurucharan | B.Pharma II |
| 73. | sakshi kurre | B.Pharma II |
| 74. | Neelima Verma | B.Pharma II |
| 75. | Shalini Mahar | B.Pharma II |
| 76. | Himanshi Sahu | B.Pharma II |

| | | |
|------|------------------------|-------------|
| 77. | harshit Thakur | B.Pharma II |
| 78. | Om Agrawal | B.Pharma II |
| 79. | Shubham Sahu | B.Pharma II |
| 80. | Kriti Nishad | B.Pharma II |
| 81. | Suhani Singh | B.Pharma II |
| 82. | Kartavya Patel | B.Pharma II |
| 83. | Devansh Tiwari | B.Pharma II |
| 84. | Damini Verma | B.Pharma II |
| 85. | Tasmiya Khwaja | B.Pharma II |
| 86. | Sukriya Sarkar | B.Pharma II |
| 87. | Chamman Chandravanshi | B.Pharma II |
| 88. | Alish masih | B.Pharma II |
| 89. | Khilesh Sahu | B.Pharma II |
| 90. | Babita Singh | B.Pharma II |
| 91. | Tushar Dewangan | B.Pharma II |
| 92. | Sandeep Kumar Kurre | B.Pharma II |
| 93. | Kumar gaurav Sahu | B.Pharma II |
| 94. | Niranjan Das Markandey | B.Pharma II |
| 95. | Devesh sahu | B.Pharma II |
| 96. | Niraj Sahu | B.Pharma II |
| 97. | Rahul Chandrakr | B.Pharma II |
| 98. | Rashmi Yadav | B.Pharma II |
| 99. | Shruti Kashyap | B.Pharma II |
| 100. | Manisha Sahu | B.Pharma II |
| 101. | Shweta Verma | B.Pharma II |
| 102. | Khemraj Sahu | B.Pharma II |
| 103. | Yogendra Kumar Sahu | B.Pharma II |
| 104. | Himanshu Manikpuri | B.Pharma II |

ACTIVITIES OF ROTARCT CLUB/NSS

Activities of rotaract club/NSS of last three years are as follows:

| S.NO | WORK | Place | Date | No. of Student |
|------|-------------------------------------|------------------|------------|----------------|
| 1. | Purple Day “Awareness for Epilepsy” | Chhapora, Tekari | 26/03/2025 | 29 |
| 2. | BMC Walkathon | Raipur | 23/03/2025 | 33 |

| | | | | |
|-----|------------------------------------------------------------------------------------|------------------------------------------------|---------------------------|-----|
| 3. | “Run for Man” Walkathon | Raipur | 09/03/2025 | 38 |
| 4. | NSS seven days camp with the theme Youth for My Bharat, Youth for Digital Literacy | Chhapora, Raipur | 01/03/2025-07/03/2025 | 48 |
| 5. | Voting Awareness Rally | CIP, Raipur | 17/02/2025 | 35 |
| 6. | Blood donation and health camp | CIP, Raipur | 29/11/2024 | 50 |
| 7. | Inter school sports competition “Spardha” | Columbia Group of Institutions, Tekari, Raipur | 23/11/2024 | 70 |
| 8. | Walkathon “Swachhata hi Sewa” | Raipur | 28/10/2024 | 120 |
| 9. | Blood donation | Raipur | 19/10/2024 | 03 |
| 10. | School Siksha Mitra by NSS cell | Tekari, Raipur | 10/08/2024 | 65 |
| 11. | Har Ghar Tiranga Abhiyan by NSS cell | Tekari, Raipur | 14/08/2024 | 38 |
| 12. | Plantation program | Tekari, Raipur | 27/07/2024 | 100 |
| 13. | Plantation and No Plastic Campaign on World Environment Day | Tekari, Raipur | 31/05/2024 | 105 |
| 14. | NSS seven days camp with the theme Youth for Drug Free India | Chhapora, Raipur | 28-/02/2024
05/03/2024 | 26 |
| 15. | Divyang School Visit by NSS Cell | Tekari, Raipur | 21/03/2024 | 50 |
| 16. | Mega Plantation | Tekari, Raipur | 29/07/2023 | 70 |
| 17. | Women health camp | Tekari, Raipur | 08/07/2023 | 85 |
| 18. | Women day celebration | Raipur | 08/03/2023 | 120 |
| 19. | World TB Day celebration | Tekari, Raipur | | 125 |
| 20. | Cancer awareness program | Tekari, Raipur | 04/02/2023 | 55 |
| 21. | NSS seven days special camp | Chhapora, Raipur | 02/01/2023-08/01/2023 | 25 |
| 22. | National Youth day celebration | Tekari, Raipur | 12/01/2023 | 70 |
| 23. | Health camp | Tekari, Raipur | 28/01/2023 | 40 |
| 24. | School Siksha Mitra | Tekari, Raipur | 10/12/2022 | 40 |
| 25. | Tobacco awareness program | Tekari, Raipur | 06/12/2022 | 35 |
| 26. | Childrens’ day celebration | CIP, Raipur | 14/11/2022 | 70 |
| 27. | International Literacy Day | CIP, Raipur | 08/09/2022 | 120 |

| | | | | |
|-----|--------------------------------------|--------------|------------|-----|
| | celebration | | | |
| 28. | COVID vaccination drive | CIET, Raipur | 03/08/2022 | 75 |
| 29. | SDP Platelet donation awareness camp | CIP, Raipur | 01/07/2022 | 105 |
| 30. | Mega plantation | CGI, Raipur | 23/07/2022 | 85 |

Social charity for near by schools

| Sl. No. | Date | Donated Machineries | Donated to | Donated by |
|---------|------------|---------------------------------------------|---------------------------------|------------|
| 1 | 02.04.2025 | Cooker and Utensils | Old Age Home Bhurkoni, Raipur | NSS Unit |
| 2 | 21.03.2025 | Cloths and Fruits | Old Age Home Bhurkoni, Raipur | NSS Unit |
| 3 | 21.03.2024 | Notebook, Pen, Pencils and Other Stationary | Arpan Divyang School, Raipur | NSS Unit |
| 4 | 06.07.2022 | Sanitizer, Fruits and Medicines | Old Age Home Mana Basti, Raipur | NSS Unit |

Achievements of NSS volunteers

| S.N. | NAME OF STUDENT | CLASS | ACHIEVEMENT | PROGRAMME | PLACE | Date |
|------|-----------------|--------------------|-----------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|---------------------|
| 1. | Devshree Sharma | B. Pharm. II YEAR | First Prize in Elocution Competition | National Integration Camp | Sardar Patel University, Vallabh Vidya Nagar, Ananad, Gujrat | 10 – 16 Feb, 2023 |
| 2. | Devshree Sharma | B. Pharm. III YEAR | First Prize in Debate Competition | JCI Raipur Youth Fest 2023 | Raipur | 16 Sep 2023 |
| 3. | Aastha Ware | B. Pharm. II YEAR | First Prize in Short Video Making Competition | State Level Seven Days Special Camp | Swami Atmanand Govt. English Medium Adarsh College, Hostel, Keshavpur, Ambikapur, Chhattisgarh | 21 – 27 March, 2025 |

NSS volunteers selected for various national/state level camp

| S.N. | NAME OF STUDENT | CLASS | CAMP | PLACE | Date |
|------|-----------------|-----------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------|
| 1. | Devshree Sharma | B. Pharm.
II YEAR | National
Integration
Camp | Sardar Patel University, Vallabh
Vidya Nagar, Ananad, Gujrat | 10 – 16
Feb,
2023 |
| 2. | Neelam Sahu | B. Pharm.
III YEAR | National
Adventure
Camp | Atal Bihari Vajpayee Institute of
Mountaineering & Allied
Sports, Himachal Pradesh | 27 Nov
to
06 Dec, 2023 |
| 3. | Aastha Ware | B. Pharm.
II YEAR | State Level
Seven Days
Special
Camp | Swami Atmanand Govt. English
Medium Adarsh College,
Hostel, Keshavpur, Ambikapur,
Chhattisgarh | 21 – 27
March,
2025 |

C. Annual Students activities (4)

Columbia Institute of Pharmacy lays stress on beyond academic activities through co- and extra-curricular activities integrated and spread over the entire academic year, as they have profound impact in shaping up the overall personality of a student.

For the smoothly conduction of various activities CIP has constituted a specific committee.

Co-curricular Activities-
1. SDP/ National & International Conferences/Workshops

The institute gives effort to organize national seminars, SDP & workshops for overall development of students as well as faculties.

| S. No. | Particular of SDP/Seminar/Workshops | Sponsored by |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 1. | Four Days workshop on ‘Hands-on training of research-oriented instruments” sponsored by Jan Pragati Education Society, Raipur, C.G. on 28-01 May 2025. | JPES |
| 2. | In-workshop on “Operation of Instruments sponsored by Jan Pragati Education Society, Raipur, C.G. on 06,13,20,27 April 2024. | JPES |
| 3. | National Seminar on “Radiopharmaceuticals: Advances and | AERB |

applications in various fields of basic and allied science for the diagnosis and treatment of diseases” sponsored by Atomic Energy Regulatory Board (AERB), Mumbai, India on 27- 28 July 2023.

- 4.** Department of Science and Technology - Synergistic Training DST, New Delhi Program Utilizing the Scientific and Technological Infrastructure (DST STUTI) on December 12- 18, 2022

Efforts on Co-curricular Activities –

- a) **Paper Publication** – Students are encouraged to publish papers of mini projects as well as review articles.
- b) **Poster Presentation** – Students as well as faculty are allowed for presenting the papers in national conferences such as IPC and APTI and international conferences.
- c) **Conferences/ Seminars attended by students** –
- Following students of B. Pharm. IV Year attended the National Level Conferences organized by other institute -

| Title | Organization | Category | Date | List of Participants |
|-----------------------------------------------------------------------------------------------------|---------------------|--------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Advances in Experimental Approaches: Cadveer and Ex vivo Studies in Pharmacological Research | Rungta Institute of | National Workshop | 24-26 March 2017 | <u>B. Pharm. 8th Sem.</u> <ul style="list-style-type: none"> • Tushar Dewangan • Tushar Tripathi • Khilesh Sahu • Devshree Sharma • Rahul Chandrakar • Tasmiya Khwaja • Kartavya Patel • HImanshu Gupta • Piyush Verma • Paras Kumar Sahu • HImanshu Manikpuri • Aarti Jadwani • Khemraj Sahu • Khileshwar Sinha • Yogendra Sahu • Kumar Gaurav Sahu • Neelam Sahu • Pooja Sahu • Chaitanya Yadu |

| | | | | |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Recent Trends and future prospects of Traditional medicinal plants for drug development | Shri Rawatpura Sarkar University, Raipur, Chhattisgarh | National Seminar | 21-22 Nov
2024 | <u>B. Pharm. 6th Sem.</u>
Yogesh sahu
Toran Sahu
Nikhil Mishra
Saurabh Sahu
Sameer Chaudhary
Varun Sahu |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|

- d) **National Pharmacy Week/Pharmacist Day Celebration** – The faculty and students are regularly participating in National Pharmacy Week/ Pharmacist Day celebrations.

ACTIVITIES OF PHARMACIST DAY CELEBRATION OF LAST 3 YEARS –

| Sl. No. | Date | Title | Events |
|----------|--------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | 18-11-24 to 23-11-2024 | National Pharmacy Week | Poster presentation, video making competition, 3D model, medicinal garden decoration, pot decoration medicinal plant competition, anchoring, singing, dance, and extempore competitions |
| 2 | 25-09-2024 | World Pharmacist Day Celebration | Quiz competition, lab decoration, debate competition, rangoli competition, treasure hunt competition |
| 3 | 19-11-2023 to 25-11-2023 | National Pharmacy Week | Poster making, power point presentation, rangoli, anchoring, song, painting, mehendi, dance, nukkad natak and extempore competition |
| 4 | 25-09-2023 | World Pharmacist Day Celebration | Lab decoration, debate competition, rangoli competition |
| 5 | 17-11-2022 to 18-11-2022 | National Pharmacy Week | Video making competition, Power Point Presentation, Scientific Poster Presentation and Fetch the Library Competition |
| 6 | 24-09-2022 | World Pharmacist Day Celebration | Oath taking ceremony, 3D Poster competition and packaging of various dosage forms competition |
| 7 | 21-11-2021 to | National Pharmacy Week | Online quiz, group discussion, |

| | | | |
|----------|--------------------------|---------------------------------|-----------------------------------------------------------|
| | 27-11-2021 | | rangoli, best out of waste and lab decoration competition |
| 8 | 17-09-2021 to 23-09-2021 | National Pharmacovigilance Week | Online quiz, debate, essay and e-poster competition |

Extra- Curricular Activities

The Institute has a cultural club which is coordinated by members of faculty.

Cultural club organizes competitions on specific occasions in addition to organizing Annual Literary and cultural competitions.

Sports:

1. The Institute has indoor and outdoor games facility for students.
2. Indoor games like Chess, Carrom and table tennis are played in the sports room.
3. Outdoor games like Throw Ball/ Volley ball, Badminton, are played in Institute ground.
4. The Institute's annual sports activities are conducted during Annual day Celebration (Colors).

Auditorium/Conference Hall:

The Institute has more than 200 seats capacity auditorium/conference hall for the co-curricular and extra-curricular activities.

Health and Hygiene:

1. Girl's common room has one bed for the sick students to lie-down and relaxes.
2. First-aid boxes are available in every lab.
3. Clean drinking water facility is provided at water coolers at ground floor and second floor.
4. Cleanliness of whole Institute, Girls and boys common rooms is maintained round the clock by sanitation staff specially appointed.

LIST OF WINNERS in Various Extra- Curricular Activity (YEAR – 2024-25)

| S. No. | Event | Place | Name of students |
|--------|-------------------------------|-----------------|----------------------------------------------|
| 1. | 100 Meter Race (Boys) | First Position | Aditya VermaCIP(B. Pharm 1 Year) |
| | | Second Position | GhanshyamChakradhare CIP (B. Pharm 4th Year) |
| 2. | 100 Meter Race (Girls) | First Position | MuskanBahrdwaj CCN (B.Sc. Nursing 6th Sem) |

| | | | |
|----|---------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Second Position | Payal Verma CCN (B.Sc. Nursing 3rd Sem) |
| 3. | Tug of War (Boys) | First | 1.Yashwant Koshle (B. Pharm 2Year)
2.Aishwarya Kumar Singh(B. Pharm 2Year)
3.Jatin Sahu(B. Pharm 2Year)
4.Adarsh Mishra(B. Pharm 2Year)
5.Saurabh Sahu(B. Pharm 2Year)
6.Kamlesh Mandal(B. Pharm 2Year)
7.Dhanendra Vishwakarma(B. Pharm 2Year)
8.Rudra Pratap Yadav(B. Pharm 2Year)
9.Chhatrapal Verma(B. Pharm 2Year) |
| | | Second | 1.Amit Yadav (B. Pharm 4year)
2.Prashant Vibhar (B. Pharm 4year)
3.Vinod Bande (B. Pharm 4year)
4.Nikesh Jaiswal (B. Pharm 4year)
5.Amit Mannade (B. Pharm 4year)
6.Bhorsnehl Tarak (B. Pharm 4year)
7.Yogendra Sahu (B. Pharm 4year)
8.Gyanesh Pratap Rajput (B. Pharm 4year)
9.Rajendra Maheshwari (B. Pharm 4year) |
| 4. | Tug of War (Girls) | First
B. Pharm 4th
Year(CCP) | 1.Bharti Jagat
2.Bhavika Patel
3.Vinita Chaturvedi
4.Tanisha Kuldeep
5.Janhvi Patel
6.Shashikala Paikra
7.Sanjana Koshle
8.Pragya Sharma
9.Laxmi Sahu |
| | | Second
B.Sc. Nursing
5th Sem(CCN) | 1.Mahi Sahu
2.Tikeshwari Sahu
3.Dipti Pal
4.Mona Chelak
5.Himani Vaishnav
6.Mansi Verma
7.Anamika Verma
8.Karuna Sahu
9.Hema Verma |
| 5. | Relay Race (Boys) | First | 1.Aditya Verma(B. Pharm 1st Year)
2.Rishikant Sharma(B. Pharm 1st Year)
3.Uday Kumar(B. Pharm 1st Year)
4.Jitesh Sahu(B. Pharm 1st Year) |
| | | Second | 1.Ankit Kumar Sharma(B. Pharm 1st Year)
2.Ankit Kumar Soni(B. Pharm 1st Year)
3.Atul Verma(B. Pharm 1st Year)
4.Pranav Puri Goswami(B. Pharm 1st Year) |
| 6. | Relay Race (Girls) | First | 1.Aastha Verma(B. Pharm 1st Year)
2.Radhika Banjare(B. Pharm 1st Year) |

| | | | |
|-----|------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | 3.KajalMalakar(B. Pharm 1st Year)
4.RameshwariSahu(B. Pharm 1st Year) |
| | | Second | 1.PayalVerma(B.Sc. Nursing 3rd Sem)
2.KajalSahu(B.Sc. Nursing 3rd Sem)
3.Nupur Singh(B.Sc. Nursing 3rd Sem)
4.KhushbuVerma(B.Sc. Nursing 3rd Sem) |
| 7. | Carom (Boys) | First | AmanVerma CIP (M. Pharm 1st Year) |
| | | Second | Yogendra Sahu CIP (B. Pharm 4th Year) |
| 8. | Carom (Girls) | First | KavitaSahu CIP (B. Pharm 4th Year) |
| | | Second | YaminiNishad CCN (B.Sc. Nursing 5th Semester) |
| 9. | Badminton (Boys) (Doubles) | First | 1.BhorsnehlTarak CCP (B. Pharm 4th Year)
2.HarshitDewangan CCP (B. Pharm 4th Year) |
| | | Second | 1.Lakshya Pradhan CCP (B. Pharm 2nd Year)
2.Krishna Tripathi CCP (B. Pharm 2nd Year) |
| 10. | Badminton (Girls) (Doubles) | First | 1.Gunja Chaudhary CCN (B.Sc. Nursing 6th Semester)
2.GarimaVerma CCN (B.Sc. Nursing 6th Semester) |
| | | Second | 1.AkanshaChapdi CCP (B. Pharm 2nd Year)
2.MeghaVishwakarma CCP (B. Pharm 2nd Year) |
| 11. | Badminton (MixedDoubles) | First | 1.Lakshya Pradhan CCP (B. Pharm 2nd Year)
2.AkanshaChapdi CCP (B. Pharm 2nd Year) |
| | | Second | 1.BhorsnehlTarak CCP (B. Pharm 4th Year)
2.PaliaVerma CCP (B. Pharm 4th Year) |
| 12. | Chess (Boys) | First | VivekRatre CCP (B. Pharm 4th Year) |
| | | Second | Yogendra Kumar Sahu CCP (B. Pharm 3rd Year) |
| 13. | Chess (Girls) | First | SubhanshiPalai CIP (B. Pharm 1st Year) |
| | | Second | DaminiVerma CCN (B. Pharm 3rd Year) |
| 14. | Disc Throw (Boys) | First | AtulBande CCP (B. Pharm 3rd Year) |
| | | Second | KunalVerma CIP (B. Pharm 2nd Year) |
| 15. | Disc Throw (Girls) | First | Shristi Thakur CCN (B.Sc. Nursing 6th Semester) |
| | | Second | YashashviOstwal CIP (B. Pharm 2nd Year) |

| | | | |
|-----|----------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16. | Shot Put Throw (Boys) | First | AtulBandhe CCP (B. Pharm 3rd Year) |
| | | Second | Amit Kumar Yadav CCP (B. Pharm 4th Year) |
| 17. | Shot Put Throw (Girls) | First | MeghaBervanshi CIP (D. Pharm 1st Year) |
| | | Second | Srishti Sharma CIP (B. Pharm 3rd Year) |
| 18. | Table Tennis (Boys) (Singles) | First | KhemrajSahu CIP (B. Pharm 4th Year) |
| | | Second | Mayank Rajput CCP (B. Pharm 3rd Year) |
| 19. | Table Tennis (Girls) (Singles) | First | SumanSahu CIP (B. Pharm 3rd Year) |
| | | Second | AkanshaChapdi CCP (B. Pharm 2nd year) |
| 20. | Table Tennis (Mixed) (Doubles) | First | Khileshwar Sinha CIP (B. Pharm 4th Year)
KavitaSahu CIP (B. Pharm 4th Year) |
| | | Second | KhemrajSahu CIP (B. Pharm 4th Year)
Rashmi Yadav CIP (B. Pharm 4th Year) |
| 21. | Volley Ball (Boys) (Group) | Winner B. Pharm 4thYear (CIP) | 1.Harshit Thakur
2.Johnson Kashyap
3.PiyushVerma
4.KeshavVerma
5.GhanshyamChakradhare
6.ShubhamSahu
7.Gaurav Sahu
8.Rahul Chandrakar |
| | | Second (Runner Up)B. Pharm 3rd Year(CIP) | 1.Mohit Singh Thakur
2.Rahul Kumar Sahu
3.Yogesh Kumar Sahu
4.Narendra Dahariya
5.Lukendra Kumar
6.Fanish Kumar
7.PriyanshuSahu
8.Domesh Kumar Yadav |
| 22. | Kabaddi (Boys) | Winner B. Pharm 3rdYear (CCP) | 1.Ajit Kumar Dhirhe
2.Atul Bandhe
3.Umashankar Banjare
4.Karan Sahu
5.Prabhat Biswas
6.Mayank Rajput
7.Vivek Ratre
8.Nilesh Sahu
9.AvdesKashyap |

| | | |
|---------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Second
(Runner Up)B.
Pharm 4th
Year(CCP) | 1.Vinay verma
2.Amit yadav
3.Shubhamverma
4.Vinod bande
5.Nikeshjaiswal
6.Prashant vibhar
7.Indra Kumar
8.Mahesh Sahu
9.Yogendra Kumar |
| 23. Cricket | Winner
B. Pharm 4
Year(CIP) | 1.Ghanshyam
2.KhileshSahu
3.Rahul Chandrakar
4.Johnson Kashyap
5.HimanshuManikpuri
6.KhemrajSahu
7.Khileshwar Sinha
8.Harshit Thakur
9.PiyushVerma
10.ShubhamSahu
11.KeshavVerma
12.Bhawani Shankar
13.Ashish Ghritlahre
14.Paras Sahu
15.YogendraSahu |
| | Second
(Runner Up)
B. Pharm 1st
Year(CCP) | 1.Monish Verma
2.Yogendra Patel
3.Sahil Patel
4.Domesh Sahu
5.Dhaneshwar Patel
6.Nikhil Kumar Sahu
7.Harsh Gajendra
8.Ramanand Sahu
9.Lukeshwar Patel
10.Chhatra Kumar Verma
11.Kunal Dewangan
12.Ranveer Thakur
13.Bhavesk Kumar Sahu
14.Vikram Diwakar
15.ChandradeepBandhe |
| 24. Kho-kho (Boys) | Winner
B.Pharm
4thYear (CIP) | 1.JatinMahant
2.Dipanshu Patel
3.Deepak Sahu
4.Kiran Yadav
5.Bharat Jaiswal
6.TikeshParganiha
7.TukendraSahu
8.KhirendraBaghel
9.AryaajeetBande
10.LebhishekSahu |

| | | | |
|-----|------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Second
(Runner
Up)D.Pharm
1st Year(CCP) | 1.Harshit Thakur
2.Johnson Kashyap
3.GhanshyamChakradhare
4.Khileshwar Sinha
5.PiyushVerma
6.KeshavVerma
7.Gurucharan
8.KhileshSahu
9.Gaurav Sahu
10.Chaitanya Yadu |
| 25. | Kho-kho (Girls) | Winner B.Sc.
Nursing5th
Sem (CCN) | 1.Mansi Verma
2.YaminiNishad
3.Himani Vaishnav
4.TikeshwariSahu
5.ShivangiSahu
6.Radha Patel
7.Mona Chelak
8.Mahi Sahu
9.HemaVerma |
| | | Second
(Runner
Up)B.Sc.
Nursing 1st
Sem (CCN) | 1.Sandhya Dewangan
2.PalakVerma
3.HemaNishad
4.SadhanaSahu
5.JyotiSahu
6.TriptiSahu
7.JyotiBandhe
8.Saraswati Patel
9.PallaviChandel |

Man of the Match – GhansyamChakradhare (CIP 8th Sem)

Best of Bats Man – Johnson Kashyap (CIP 8th Sem)

Best of Bowler – GhansyamChakradhare (CIP 8th Sem)

Man of the Series- GhansyamChakradhare (CIP 8th Sem)

LIST OF WINNERS in Various Extra- Curricular Activity (YEAR – 2023-24)

| S. No. | Event | Place | Name of students |
|--------|-------------------------------|-----------------|---------------------------------|
| 1. | 100 Meter Race (Boys) | First Position | AtulBandhe (CCP 3Sem) |
| | | Second Position | GhanshyamChakradhare (CIP 5Sem) |
| 2. | 100 Meter Race (Girls) | First Position | Muskan Bhardwaj (CCN 4 Sem) |

| | | | |
|----|---------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Second Position | Manshi Verma (CCN 4 Sem) |
| 3. | Tug of War (Boys) | First | 1.Kunal Verma(CIP 1Sem)
2.Yashwant Koshle(CIP 1Sem)
3.Priyanshu Thakur (CIP 1Sem)
4.Jatin Sahu(CIP 1Sem)
5.Aishwarya Kumar Singh (CIP 1Sem)
6.Vimal Diwakar(CIP 1Sem)
7.Saurabh Sahu(CIP 1Sem)
8.Rudra Pratap Yadav (CIP 1Sem) |
| | | Second | 1.Ashish Verma(CCPD.Pharm 2Year)
2.Takeshwar Lahre(CCPD.Pharm 2Year)
3.Parveen Yadav (CCPD.Pharm 2Year)
4.Lakshya Raghav(CCPD.Pharm 2Year)
5.Bhuneshwarkumar(CCPD.Pharm 2Year)
6.Dhaneshwar Prasad(CCPD.Pharm 2Year)
7.Yogank Shukla (CCPD.Pharm 2Year)
8.Khir Sagar (CCP D.Pharm 2Year) |
| 4. | Tug of War (Girls) | First | 1. Jyoti Sahu(CIP 7th Sem)
2. Phaleswari Sahu(CIP 7th Sem)
3. Richa Ramshiromani Tripathi(CIP 7th Sem)
4. Sandhya Maurya(CIP 7th Sem)
5. Trikansha Sahu(CIP 7th Sem)
6. Kunika Sahu(CIP 7th Sem)
7. Mamta Khare(CIP 7th Sem)
8. Linisha Sahu (CIP 7th Sem) |
| | | Second | 1. Muskan Bhardwaj (CCN 4th Sem)
2. Pratima Bhardwaj (CCN 4th Sem)
3. Pranjali Adil(CCN 4th Sem)
4. Jagriti Verma(CCN 4th Sem)
5. Gunja Chaudhari(CCN 4th Sem)
6. Garima Verma (CCN 4th Sem)
7. Shristy Thakur (CCN 4th Sem)
8. Kusumlata Banjare (CCN 4th Sem) |
| 5. | Relay Race (Boys) | First | 1. Ghanshyam Chakradhare (CIP 5th Sem)
2. Tukeswar Yadu (CIP M.Pharm 1st Sem)
3. Dhanraj Verma (CIP 5th Sem)
4. Ashish Bais (CIP 5th Sem) |
| | | Second | 1. Atul Bandhe(CCP 3rd Sem)
2. Lakshay Pradhan (CCP 1st Sem)
3. Deepak Sahu(CCP 1st Sem)
4. Amit Yadu (CCP 5th Sem) |
| 6. | Relay Race (Girls) | First | 1. Sonam Patel (CCP 5th Sem)
2. Deepika Sahu(CCP 5th Sem)
3. Kanishka Sahu(CCP 5th Sem)
4. Janki Verma (CCP 5th Sem) |

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|-----|------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------|
| | | Second | 1. AnkitaBhaduri(CIP 7th Sem)
2. PhaleshvariSahu(CIP 7th Sem)
3. GeetanjaliVerma(CIP 7th Sem)
4. LinisaSahu (CIP 7th Sem) |
| 7. | Carom (Boys) | First | Kunal Yadav (CIP 5Sem) |
| | | Second | Vivek Ratre(CCP 3Sem) |
| 8. | Carom (Girls) | First | MahimaSahu (CIP D.Pharm 2Year) |
| | | Second | DaminiVerma (CCN 4Sem) |
| 9. | Badminton (Boys)
(Single) | First | Lakshya Pradhan (CCP 1Sem) |
| | | Second | BhorsnehiITarak (CCP 5Sem) |
| 10. | Badminton (Girls)
(Singles) | First | PaliyaVerma(CCP 5Sem) |
| | | Second | Shilpa Sen (CIP 3Sem) |
| 11. | Badminton
(MixedDoubles) | First | 1.Devansh Tiwari (CIP 5Sem)
2.TasmiyaKhwaja (CIP 5Sem) |
| | | Second | 1.HarshitDewangan (CCP 5Sem)
2.GhataMandavi (CCP 5Sem) |
| 12. | Badminton (Girls)
(Doubles) | First | 1.ArushiBhojwani (B.Ph.8sem)
2.JyotiVerma (B.Ph.8sem) |
| | | Second | 1.ManviDhidhi (B.Ph.1sem)
2.Kanakshimanhar (B.Ph.1sem) |
| 13. | Chess (Boys) | First | Kunal Yadav (CIP 5Sem) |
| | | Second | VivekRatre(CCP 3Sem) |
| 14. | Chess (Girls) | First | MahimaSahu (CIP D.Pharm 2Year) |
| | | Second | DaminiVerma (CCN 4Sem) |
| 15. | Disc Throw (Boys) | First | KunalVerma (CIP 1Sem) |
| | | Second | NikeshJaishwal (CCP 5 Sem) |
| 16. | Disc Throw (Girls) | First | PhaleshvariSahu (CIP 7Sem) |
| | | Second | Jahanvi Patel (CCP 5Sem) |
| 17. | Shot Put Throw
(Boys) | First | TakeshwarLahre (CCP D. Pharm 2Year) |
| | | Second | KunalVerma (CIP 1Sem) |
| 18. | Shot Put Throw
(Girls) | First | PhaleshwariSahu (B.Ph 6sem) |
| | | Second | JiniShirin (M.Phsem) |
| 19. | Table Tennis
(Boys) (Singles) | First | KhemrajSahu (B.Ph.4sem) |
| | | Second | Prakhar Chauhan (B.Ph.8sem) |
| 20. | Table Tennis | First | TaramatiNishad (CCN 4Year) |

| | | | |
|-----|--------------------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | (Girls) (Singles) | Second | TikeshwariManhar (CCN 3Year) |
| 21. | Table Tennis
(Mixed) (Doubles) | First | Prakhar Chauhan (B.Ph.8sem)
Rohit Kumar (B.Ph.8sem) |
| | | Second | KhemrajSahu (B.Ph.4sem)
Divyalochan (B.Ph.8sem) |
| 22. | Javelin Throw
(Boys) | First | Roshan Singh (6th sem) |
| | | Second | MithleshwarPaikra(B.Ph.8
sem) |
| 23. | Javelin Throw
(Girls) | First | JiniShirin (M.Phsem) |
| | | Second | PhaleshwariSahu (6sem) |
| 24. | Volley Ball
(Boys)
(Group) | Winner (B.
Pharm 4
Year) | 1.Robinson Kashyap(B.Ph.8th sem)
2.VishwanathSahu(B.Ph.8th sem)
3.PrakharChauhan(B.Ph.8th sem)
4.RaghunathVerma(B.Ph.8th sem)
5.LaxmikantSahu(B.Ph.8th sem)
6.JitendraSahu(B.Ph.8th sem)
7.Praveen Bhatt(B.Ph.8th sem)
8.MithleshwarPaikra(B.Ph.8th sem) |
| | | Second
(Runner Up)(B.
Pharm 2
Year) | 1.JhonsonKashyap (B.Ph.4th sem)
2.Devansh Tiwari (B.Ph.4th sem)
3.Ghanyam (B.Ph.4th sem)
4.Sandeep Sahu(B.Ph.4th sem)
5.ShubhamSahu(B.Ph.4th sem)
6.PiyushVerma(B.Ph 4th sem)
7.Harshit Thakur (B.Ph 4th sem)
8.Khileshwar Sinha (B.Ph 4th sem) |
| 25. | Kabaddi
(Boys) | Winner (B.
Pharm 3
Year) | 1.Sharada Kumar (6th sem)
2.Roshan Singh (6th sem)
3.RavinandanPandit (6th sem)
4.Rahul Sahu (6th sem)
5.AbhijeetBanjare (6th sem)
6.Pankaj (6th sem)
7.Parth (6th sem)
8.Vaibhav (6th sem) |
| | | Second
(Runner Up)(D.
Pharm 2
Year) | 1.AkashVerma (D,Ph 2nd year)
2.Abhinav (D,Ph 2nd year)
3.Pankaj (D,Ph 2nd year)
4.Venkatesh (D,Ph 2nd year)
5.Lokesh (D,Ph 2nd year)
6.Bhupendra (D,Ph 2nd year)
7.Vimal (D,Ph 2nd year)
8.Madhukar (D,Ph 2nd year) |
| 26. | Cricket | Winner
(B.Pharm 2
year) | 1.Kartavya Patel (B.Ph 4th sem)
2.Rahul (B.Ph 4th sem)
3.Devansh (B.Ph 4th sem) |

| | | |
|-----|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | 4.Khilesh (B.Ph 4th sem)
5.Khileshwar (B.Ph 4th sem)
6.KhemrajSahu (B.Ph 4th sem)
7.Johnson (B.Ph 4th sem)
8.Ghanshyam (B.Ph 4th sem)
9.Piyush (B.Ph 4th sem)
10.Harshit (B.Ph 4th sem)
11.Himanshu (B.Ph 4th sem)
12.Shubham (B.Ph 4th sem)
13.Niranjan (B.Ph 4th sem) |
| | Second
(Runner Up)
(B.Pharm 4
Year) | 1.Dharmendra (B.Ph 8th sem)
2.VishwanathSahu (B.Ph 8th sem)
3.AsmiSahu(B.Ph 8th sem)
4.Siddharth (B.Ph 8th sem)
5.Mithleshwar (B.Ph 8th sem)
6.Robinson Kashyap (B.Ph 8th sem)
7.TukeshwarSahu (B.Ph 8th sem)
8.TukeshwarYadu (B.Ph 8th sem)
9.Kushagra (B.Ph 8th sem)
10.PrakharBanjare (B.Ph 8th sem)
11.Praveen Bhatt (B.Ph 8th sem)
12.Kalyan Singh (B.Ph 8th sem)
13.Manjeet (B.Ph 8th sem) |
| 27. | Kho-kho (Girls) | Winner (B.
Pharm3
Year) 1.LinishaSahu (B.Ph 6th sem)
2.PhaleshwariSahu (B.Ph 6th sem)
3.GeetanjaliSahu ((B.Ph 6th sem)
4.Puja Kawde (B.Ph 6th sem)
5.Monisha Kaushik (B.Ph 6th sem)
6.RichaTripathi (B.Ph 6th sem)
7.AnkitaBhaduri ((B.Ph 6th sem)
8.DhaneshwariSahu (B.Ph 6th sem)
9.Manjulata T omar (M.Ph3rd sem)
10.JiniShirin (M.Ph3rd sem) |
| | Second
(Runner Up)(B.
Pharm 1st
Year) | 1.KanakshiManhar (B.Ph 1st sem)
2.ThancyBanjare (B.Ph 1st sem)
3.KhushiSahu (B.Ph 1st sem)
4.Isha Verma (B.Ph 1st sem)
5.Isha Verma (B.Ph 1st sem)
6.NeelamSahu (B.Ph 1st sem)
7.Mansi Koshle (B.Ph 1st sem)
8.ManviDhidhi (B.Ph 1st sem)
9.Bhumi Rathor (B.Ph 1st sem)
10.Shrishti Sharma (B.Ph 1st sem) |

Man of the Match – Ghansyam Chakradhare (CIP 5Sem)

Best of Bats Man – Johnson Kashyap (CIP 5Sem)

Best of Bowler – Ghansyam Chakradhare (CIP 5Sem)

Man of the Series- Ghansyam Chakradhare (CIP 5Sem)

LIST OF WINNERS in Various Extra- Curricular Activity (YEAR – 2022-23)

| S. No. | Event | Place | Name of students |
|--------|-------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | 100 Meter Race (Boys) | First Position | TukeshwarYadu (B.Ph.8sem) |
| | | Second Position | Robinson Kashyap (B.Ph 8sem) |
| 2. | 100 Meter Race (Girls) | First Position | NeelamSahu(B.Ph.4sem) |
| | | Second Position | GeetanjaliSahu (6th sem) |
| 3. | Tug of War (Boys) | First | 1. SharadChandrakar (B.Ph 6th sem)
2. Roshan Singh(B.Ph 6th sem)
3. RavinandanPandit (B.Ph 6th sem)
4. Rahul Kumar ((B.Ph 6th sem)
5. AbhijeetBanjare (B.Ph 6th sem)
6. Pankaj (B.Ph 6th sem)
7. Parth (B.Ph 6th sem)
8. Vaibhav (B.Ph 6th sem) |
| | | Second | 1. SuryanshKeshari (B.Ph.8th sem)
2. AsmitSahu (B.Ph.8th sem)
3. PrakharBanjare (B.Ph.8th sem)
4. Nitin (B.Ph.8th sem)
5. Amitesh (B.Ph.8th sem)
6. TukeshwarYadu (B.Ph.8th sem)
7. Dev Barik (B.Ph.8th sem)
8. Arpit (B.Ph.8th sem) |
| 4. | Tug of War (Girls) | First | 1. LinishaSahu (B.Ph 6th sem)
2. PhaleshwariSahu (B.Ph 6th sem)
3. MamtaKhare (B.Ph 6th sem)
4. KunikaSahu (B.Ph 6th sem)
5. TrishalaVijaywargiya (B.Ph 6th sem)
6. Bharti Sahu (B.Ph 6th sem)
7. SakshiNayak (B.Ph 6th sem) |
| | | Second | 1. KavitaSahu (B.Ph.4th sem)
2. Bhawna Kushwaha (B.Ph.4th sem)
3. Sneha Agrawal (D.Ph.2nd year)
4. HimanshiSahu (D.Ph.2nd year)
5. Sakshi Mishra (B.Ph 6th sem)
6. Shalini Mahar (B.Ph.4th sem)
7. KritiNishad (B.Ph.4th sem) |
| 5. | Relay Race (Boys) | First | 1. TukeshwarYadu (B.Ph.8th sem)
2. VishwanathSahu (B.Ph.8th sem)
3. Robinson Kashyap (B.Ph.8th sem) |

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|-----|----------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------|
| | | | 4. DivyalochanBarik (B.Ph.8th sem) |
| | | Second | 1. DhanrajVerma (B.Ph 1st sem)
2. SourbhSahu (B.Ph 1st sem)
3. Varun Sahu (B.Ph 1st sem)
4. ToranSahu (B.Ph 1st sem) |
| 6. | Relay Race (Girls) | First | 1. DaminiVerma (B.Ph.4th sem)
2. TasmiyaKhwaja (B.Ph.4th sem)
3. NeelamSahu (B.Ph.4th sem)
4. Pooja Sahu (B.Ph.4th sem) |
| | | Second | 1. Parul Pandey (B.Ph 1st sem)
2. Shilpa Sen (B.Ph 1st sem)
3. Ravneet Kaur (B.Ph 1st sem)
4. Shristi Sharma (B.Ph 1st sem) |
| 7. | Carom (Boys) | First | Mohitkumar (B.Ph.1 sem) |
| | | Second | AkashLahri (B.Ph.8sem) |
| 8. | Carom (Girls) | First | DarshanaRathi (B.Ph.8sem) |
| | | Second | Priyanka (B.Ph.1 sem) |
| 9. | Badminton (Boys)
(Single) | First | Devansh Tiwari (B.Ph.4sem) |
| | | Second | SuryanshKeshari(B.Ph.8sem) |
| 10. | Badminton (Girls)
(Singles) | First | Tashymia (B.Ph.4sem) |
| | | Second | RichaTripathi(B.Ph 6sem) |
| 11. | Badminton
(MixedDoubles) | First | AsmitSahu (B.Ph.8sem)
SuryanshKeshari (B.Ph.8sem) |
| | | Second | Devansh Tiwari (B.Ph.4sem)
Kartavya Patel (B.Ph.4sem) |
| 12. | Badminton (Girls)
(Doubles) | First | ArushiBhojwani (B.Ph.8sem)
JyotiVerma (B.Ph.8sem) |
| | | Second | ManviDhidhi (B.Ph.1 sem)
Kanakshimanhar (B.Ph.1 sem) |
| 13. | Chess (Boys) | First | Mohitkumar (B.Ph.1 sem) |
| | | Second | AkashLahri (B.Ph.8sem) |
| 14. | Chess (Girls) | First | NeetuBanjare (B.Ph.8sem) |
| | | Second | Muskan (B.Ph.8sem) |
| 15. | Disc Throw (Boys) | First | Dharmendra Kumar(B.Ph8sem) |
| | | Second | Niranjan Kumar (B.Ph 4sem) |
| 16. | Disc Throw (Girls) | First | VandanaSahu(B.Ph 1 sem) |
| | | Second | PhaleshwariSahu (B.Ph 6sem) |
| 17. | Shot Put Throw | First | Sharad Kumar (B.Ph 6sem) |

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|-----|----------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | (Boys) | Second | Niranjan Kumar (B.Ph 4sem) |
| 18. | Shot Put Throw (Girls) | First | PhaleshwariSahu (B.Ph 6sem) |
| | | Second | JiniShirin (M.Phsem) |
| 19. | Table Tennis (Boys) (Singles) | First | KhemrajSahu (B.Ph.4sem) |
| | | Second | Prakhar Chauhan (B.Ph.8sem) |
| 20. | Table Tennis (Girls) (Singles) | First | Tanu Tiwari (B.Ph.1 sem) |
| | | Second | Shristi Sharma (B.Ph.1sem) |
| 21. | Table Tennis (Mixed) (Doubles) | First | Prakhar Chauhan (B.Ph.8sem)
Rohit Kumar (B.Ph.8sem) |
| | | Second | KhemrajSahu (B.Ph.4sem)
Divyalochan (B.Ph.8sem) |
| 22. | Javelin Throw (Boys) | First | Roshan Singh (6th sem) |
| | | Second | MithleshwarPaikra(B.Ph.8sem) |
| 23. | Javelin Throw (Girls) | First | JiniShirin (M.Phsem) |
| | | Second | PhaleshwariSahu (6sem) |
| 24. | Volley Ball (Boys) (Group) | Winner (B. Pharm 4Year) | 1. Robinson Kashyap(B.Ph.8th sem)
2. VishwanathSahu(B.Ph.8th sem)
3. PrakharChauhan(B.Ph.8th sem)
4. RaghunathVerma(B.Ph.8th sem)
5. LaxmikantSahu(B.Ph.8th sem)
6. JitendraSahu(B.Ph.8th sem)
7. Praveen Bhatt(B.Ph.8th sem)
8. MithleshwarPaikra(B.Ph.8th sem) |
| | | Second (Runner Up)(B. Pharm 2 Year) | 1. JhonsonKashyap (B.Ph.4th sem)
2. Devansh Tiwari (B.Ph.4th sem)
3. Ghanyam (B.Ph.4th sem)
4. Sandeep Sahu(B.Ph.4th sem)
5. ShubhamSahu(B.Ph.4th sem)
6. PiyushVerma(B.Ph 4th sem)
7. Harshit Thakur (B.Ph 4th sem)
8. Khileshwar Sinha (B.Ph 4th sem) |
| 25. | Kabaddi (Boys) | Winner (B. Pharm 3 Year) | 1.Sharada Kumar (6th sem)
2.Roshan Singh (6th sem)
3.RavinandanPandit (6th sem)
4.Rahul Sahu (6th sem)
5.AbhijeetBanjare (6th sem)
6.Pankaj (6th sem)
7.Parth (6th sem)
8.Vaibhav (6th sem) |
| | | Second (Runner Up)(D. Pharm 2 | 1. AkashVerma (D,Ph 2nd year)
2. Abhinav (D,Ph 2nd year)
3. Pankaj (D,Ph 2nd year) |

| | | |
|---------------------------|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Year) | 4. Venkatesh (D,Ph 2nd year)
5. Lokesh (D,Ph 2nd year)
6. Bhupendra (D,Ph 2nd year)
7. Vimal (D,Ph 2nd year)
8. Madhukar (D,Ph 2nd year) |
| 26. Cricket | Winner
(B.Pharm 2
year) | 1. Kartavya Patel (B.Ph 4th sem)
2. Rahul (B.Ph 4th sem)
3. Devansh (B.Ph 4th sem)
4. Khilesh (B.Ph 4th sem)
5. Khileshwar (B.Ph 4th sem)
6. KhemrajSahu (B.Ph 4th sem)
7. Johnson (B.Ph 4th sem)
8. Ghanshyam (B.Ph 4th sem)
9. Piyush (B.Ph 4th sem)
10. Harshit (B.Ph 4th sem)
11. Himanshu (B.Ph 4th sem)
12. Shubham (B.Ph 4th sem)
13. Niranjan (B.Ph 4th sem) |
| | Second
(Runner Up)
(B.Pharm 4
Year) | 1. Dharmendra (B.Ph 8th sem)
2. VishwanathSahu (B.Ph 8th sem)
3. AsmitSahu(B.Ph 8th sem)
4. Siddharth (B.Ph 8th sem)
5. Mithleshwar (B.Ph 8th sem)
6. Robinson Kashyap (B.Ph 8th sem)
7. TukeshwarSahu (B.Ph 8th sem)
8. TukeshwarYadu (B.Ph 8th sem)
9. Kushagra (B.Ph 8th sem)
10. PrakharBanjare (B.Ph 8th sem)
11. Praveen Bhatt (B.Ph 8th sem)
12. Kalyan Singh (B.Ph 8th sem)
13. Manjeet (B.Ph 8th sem) |
| 27. Kho-kho (Boys) | Winner (B.
Pharm 4Year) | 1. Tukeshwar Kumar Yadu (B.Ph.8th sem)
2. Robinson Kashyap (B.Ph.8th sem)
3. Ishan Verma (B.Ph.8th sem)
4. VishwanathSahu (B.Ph.8th sem)
5. MithleshwarPaikra (B.Ph.8th sem)
6. DibyalochanBarik (B.Ph.8th sem)
7. DaneshVerma (B.Ph.8th sem)
8. Praveen Bhatt (B.Ph.8th sem)
9. Sandeep Markandey (B.Ph.8th sem)
10. 10. Ajay Sahu (B.Ph.8th sem) |
| 28. | Second
(Runner Up)(B.
Pharm 2 Year) | 1. Khileshwar Sinha (B.Ph 4th sem)
2. KhileshSahu (B.Ph 4th sem)
3. GhanshyamChakradhari (B.Ph 4th sem)
4. Harshit Thakur (B.Ph 4th sem)
5. Johnson Kashyap (B.Ph 4th sem)
6. PiyushVerma (B.Ph 4th sem)
7. Gurucharan (B.Ph 4th sem)
8. SandipSahu (B.Ph 4th sem)
9. Rahul Chandrakar (B.Ph 4th sem) |

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|-----|------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | 10. Himanshu Manikpuri (B.Ph 4th sem) |
| 29. | Kho-kho (Girls) | Winner (B. Pharm 3 Year) | 1 Linisha Sahu (B.Ph 6th sem)
2 Phaleshwari Sahu (B.Ph 6th sem)
3 Geetanjali Sahu ((B.Ph 6th sem)
4 Puja Kawde (B.Ph 6th sem)
5 Monisha Kaushik (B.Ph 6th sem)
6 Richa Tripathi (B.Ph 6th sem)
7 Ankita Bhaduri ((B.Ph 6th sem)
8 Dhaneshwari Sahu (B.Ph 6th sem)
9 Manjulata T omar (M.Ph 3rd sem)
10 Jini Shirin (M.Ph 3rd sem) |
| | | Second (Runner Up)(B. Pharm 1st Year) | 1. Kanakshi Manhar (B.Ph 1st sem)
2. Thancy Banjare (B.Ph 1st sem)
3. Khushi Sahu (B.Ph 1st sem)
4. Isha Verma (B.Ph 1st sem)
5. Isha Verma (B.Ph 1st sem)
6. Neelam Sahu (B.Ph 1st sem)
7. Mansi Koshle (B.Ph 1st sem)
8. Manvi Dhidhi (B.Ph 1st sem)
9. Bhumi Rathor (B.Ph 1st sem)
10. Shrishti Sharma (B.Ph 1st sem) |

Man of the Match – Jhonson Kashyap (B. Pharm II year)

Best of Bats Man – Khilesh Sahu (B. Pharm II year)

Best of Bowler – Ghanshyam Chakradhari (B. Pharm II year)

Man of the Series- Jhonson Kashyap (B. Pharm II year)

LIST OF WINNERS in Various Cultural Events (YEAR – 2024-25)

| S. No. | Event | Place | Name of students |
|--------|--------------------------------------|------------------|----------------------------------------------------------------------------------------------|
| 1. | Painting competition | Winner | Trilok (B.Sc. Nursing 5 semester) |
| | | Runner Up | Kajal Yadav (B.Sc. Nursing 3 semester) |
| 2. | Best out of waste competition | Winner | Dolly Ratre, Sweta Gendre, Jyoti Bandhe, Saraswati (B.Sc. Nursing 1 semester) |
| | | Runner Up | Piyush Verma . Vinita Chaturvedi, Bhavita patel, Dekendra Sahu (CCP, B.pharmacy, 8 semester) |
| 3. | Salad making competition | Winner | Sanchita Chauhan, Payal Verma, Nidhi Tondon (B.Sc. Nursing 5 semester) |
| | | Runner Up | Aditi Thakur, Purna Sharma, Anuradha Verma (CIP, B.pharma 1 semester) |
| 4. | Flower decoration | Winner | Rambha Verma, Sanchita Chauhan, Payal Verma, (B.Sc. Nursing 5 semester) |
| | | Runner Up | Pooja Sahu, Pooja Yadav, Priyanka Sahu (|

| | | | |
|-----|-----------------------------|------------------|---------------------------------------------------------------------------------------------------------------|
| | | | CCP,B.Pharm- 1 Sem) |
| 5. | Mahandi Making | Winner | Lily Sahu (CCP D.Pharm 2 year) |
| | | Runner Up | Pragya Sahu (CIP B.Pharm 8 sem) |
| 6. | Solo dance | Winner | Suyash Sinha (CCP B.pharma 8 sem) |
| | | Runner Up | Himani Vaishnav (CCN, BSC Nursing 5 Sem) |
| 7. | Duet Dance | Winner | Chandrakant Nishad, Narendra Dahariya (CIPB.Pharm 6 sem) |
| | | Runner Up | Sanchita Chauha, Shristi Singh (CCN, BSCNursing 5 Sem) |
| 8. | Group Dance | Winner | Chandrakant Nishad , Narendra Dahariya ,Deepak sahu, Dhanraj Verma, Khemraj sahu (CIPB.Pharm 6 sem) |
| | | Runner Up | Shalini Mahar, Suhani Singh, Neelima Verma, KritiNishad, Annapurna Bhartdwaj, Pragya Sahu (CIPB.Pharm- 8 Sem) |
| 9. | Anchoringcompetition | Winner | Blessy Blesson (CCN B.Sc. Nursing 6 Sem) |
| | | Runner Up | Shubhanshi Palai (CIP B.Pharm- 1 Sem) |
| 10. | Singing competition | Winner | Varshika Soni (CCP B.pharma 8 sem) |
| | | Runner Up | Harish Yadu (CIP M. Pharm- 2 year) |
| 11. | Quiz competition | Winner | Khemraj Sahu (CIP B.Pharm- 8 Sem) |
| | | Runner Up | Ankit Sharma, Prerna (CIP B.Pharm- 1 Sem) |

LIST OF WINNERS in Various Cultural Events (YEAR – 2023-24)

| S. No. | Event | Place | Name of students |
|--------|------------------------------------|------------------|-----------------------------------------------------------------------------|
| 1. | Painting competition | Winner | Puranjali Adil (CCN B.Sc. Nursing 4 Sem) |
| | | Runner Up | Neelima (CIP B.Pharm-5 Sem) |
| 2. | Rangoli competition | Winner | Vinita Chaturvedi, Harshita Sonkar, Laxmi sahu(CCP B.pharma 5 sem) |
| | | Runner Up | Kusum Verma, Dolly Sahu, Dipika Sahu (CCNB.Sc. Nursing 3 Year) |
| 3. | Salad Decorationcompetition | Winner | Shalini & Sakshi (CIP B.Pharm- 1 Sem) |
| | | Runner Up | Varshika & Laxmi (CCP B.pharma 5 sem) |
| 4. | Handmade potdecoration | Winner | Shalini & Sakshi (CCP D.pharma 2 nd Year) |
| | | Runner Up | Khushi Sinha (CIP B.pharma 3 sem) |
| 5. | Mahandi Making | Winner | Hema Yadav (CCN B.Sc. Nursing 3 Sem)
Lily Sahu (CCP D. Pharma 1 st year) |
| | | Runner Up | Payal Verma (CCN B.Sc. Nursing 1 Sem) |
| 6. | Solo dance | Winner | Dipti Verma (CCN, BSC Nursing 4 th year) |

| | | | |
|----|-----------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------|
| | | Runner Up | Suyash Sinha (CCP B.pharma 5 sem) |
| 7. | Group Dance | Winner | Chandrakant Nishad , Narendra Dahariya, AshishBais, Dhanraj Verma, Toran Sahu (CIP B.Pharm 5and 3 rd sem sem) |
| | | Runner Up | Madhu Verma, Khushi Verma, tannu Verma,deepa Verma, Suman Ratre, Nidhi Sahu, DollySahu, Kajal Verma (CCN, BSC Nursing 1 Sem) |
| 8. | Solo Songcompetition | Winner | Varshika Soni (CCP B.pharma 5 sem) |
| | | Runner Up | Aparna Sahu (CCN B.Sc. Nursing 3 Year) |
| 9. | Duet Songcompetition | Winner | Varshika Soni (CCP B.pharma 5 sem) |
| | | Runner Up | Aparna Sahu (CCN B.Sc. Nursing 3 Year) |

LIST OF WINNERS in Various Cultural Events (YEAR – 2022-23)

| S. No. | Event | Place | Name of students |
|--------|-------------------------------|------------------|----------------------------------------------------------------------------------------------------------------|
| 1. | Extempore | Winner | Dhananjay Patel (CIP, D. Pharma Second Year) |
| | | Runner Up | Venkatesh Sahu (CIP, D. Pharma Second Year) |
| 2. | Debate | Winner | Ranu Sinha (CIP, D. Pharma Second Year) |
| | | Runner Up | Gaurav Sahu (CIP, D. Pharma Second Year) |
| 3. | Quiz | Winner | Om Dewangan, Ayush Verma (CIP, D. Pharmafirst Year) |
| | | Runner Up | Ishan Verma (CIP B.pharma 8 sem) |
| 4. | Painting competition | Winner | Neelima Verma (CIP B.Pharm 4 Sem) |
| | | Runner Up | Sandeep Kumar (CIP B.Pharm 4 Sem) |
| 5. | Rangoli competition | Winner | Venkatesh sahu , Vimal sahu(CIP, D. PharmaSecond Year) |
| | | Runner Up | Darshana Rathi & Ayushi Bhojwani (CIP, B.Pharma 8 sem) |
| 6. | Skit Competition | Winner | Alish Masih, Neelima Verma, Khemraj Sahu,Khilesh Sahu, Manisha Sahu, HimanshuManikpuri (CIP, B. Pharma 4 sem) |
| 7. | Mahandi Making | Winner | Pragya Sahu (CIP, B. Pharma 4 sem) |
| | | Runner Up | Sanjana Singh (CIP, B. Pharma 6 sem) |
| 8. | Solo dance competition | Winner | Prachi Vaishnaw (CIP, D. Pharma Second Year) |
| | | Runner Up | Namita Patel (CIP, B. Pharma I sem) |
| 9. | Solo Song competition | Winner | Trishna Sahu (CIP, D. Pharma first Year) |
| | | Runner Up | Prachi Vaishnaw (CIP, D. Pharma Second |

| | | | |
|-----|----------------------------------|------------------|-------------------------------------------------------------------------------------------|
| | | | Year) |
| 10. | Group
Songcompetition | Winner | Isha Verma, Dhanraj, Kanakshi, Khushi,
Manvi,Chandrakant (CIP B.Pharm- 1 Sem) |
| | | Runner Up | Bhumika, Kanakshi, Khushi,
Aisha,Chandrakant, Manvi, Dhanraj (CIP, B.
Pharma4 sem) |

| Sl. No. | Assessment Parameters | Marks | |
|-------------------|-----------------------------------------------------------------|------------|------------|
| | | Prescribed | Institute |
| 8.1 | Mentoring System to help at individual levels | 5 | 4 |
| 8.2 | Feedback analysis and reward/ corrective measures taken, if any | 10 | 10 |
| 8.3 | Feedback on facilities | 5 | 3 |
| 8.4 | Self Learning | 5 | 5 |
| 8.5 | Career Guidance, training, Placement | 10 | 10 |
| 8.6 | Entrepreneurship cell | 5 | 5 |
| 8.7 | Co-curricular and Extra Curricular activities | 10 | 10 |
| TOTAL | | 50 | 47 |
| Percentage | | | 94% |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

9 Governance, Institutional support and Financial Resources (100)

9.1 Organization, Governance and Transparency (50)

9.1.1 Governing body, administrative setup, functions of various bodies, service rules procedures, recruitment and promotional policies (10)

| |
|----------------------|
| Institute Marks (10) |
|----------------------|

(List the governing, senate, and all other academic and administrative bodies; their memberships, functions, and responsibilities; frequency of the meetings; and attendance therein, participation of external members in a tabular form. A few sample minutes of the meetings and action-taken reports should be annexed. The published rules, policies and procedures; year of publication and its implementation shall be listed. Also state the extent of awareness among the employees/students)

List the governing, senate and all other academic and administrative bodies; their membership, function and responsibilities; frequency of the meetings, and attendance therein. A few sample minutes of meetings and action – taken reports should be annexed.

The published rules, policies and procedures; year of publication and its implementation shall be listed. Also state the extent of awareness among the employees/students.

The following aspects are dealt and recorded below under different headings, for governance and transparency.

- A. Governing Body
- B. Institutional development and monitoring committee (IDMC)
- C. Organizational Chart
- D. Rules, procedures, recruitment and promotional policies

The details are as follows –

Governing Body

The institute has a well-marked Governing body and administrative set up conforming to the norms of the AICTE. The frequency of the meeting is once in a year.

The following is the composition of the Governing body of the CIP:

| Sl. No. | Name of the Member | Designation |
|---------|--------------------------------------------------------------------|----------------------|
| 1. | Mr. Kishor Jadwani
Chairman, | President |
| 2. | Mr. Vijay Jadwani | Vice – President |
| 3. | Mr. Harjeet Singh Hura | Secretary |
| 4. | Dr. Ravindra Kumar pPandey
Professor & Principal
CIP, Raipur | Member
Secreatary |
| 5. | Dr. Shiv Shankar Shukla
Professor
CIP, Raipur | Member |
| 6. | Dr. Beena Gidwani
Associate Professor
CIP, Raipur | Member |
| 7. | Nominee by the Director, Directorate of
Technical Education | Member |
| 8. | Nominee by the Vice Chancellor, CSVTU, Bhilai | Member |

Power and Functions of the Governing Body:

The Governing body, besides being the supreme administration authorities of the Institute, shall have the following additional functions:

1. To monitor the academic and other related activities of the institute.
2. To consider the recommendations of the staff selection committee.
3. To consider the important communications, policy decisions received from the University, Government, and AICTE etc.
4. To monitor the development programmes of students and faculty.
5. To make recommendations on the planning and monitoring the institute.
6. Institute scholarships, fellowships, medals prizes and certificates based on recommendations of the Institutional Development and Monitoring Committee.
7. Perform such other action as may be necessary and deemed fit for the proper development and fulfill the objectives of the Institute.
8. To pass the annual budget of the Institute.

9. To check the audited income and expenditure accounts and approve the same for institute annually.

Publish rule including service rules, policies and procedures,

The institute has well defined service rules, policies and procedures for the employees/students. The rule book was published in the year 2013. It is available in the library and the office for observation and implementation. It includes,

- Leave policy and leave rule
- Promotion policy
- Attendance Record, Leave record, Leave form etc6

Institutional Development and Monitoring Committee (IDMC) -

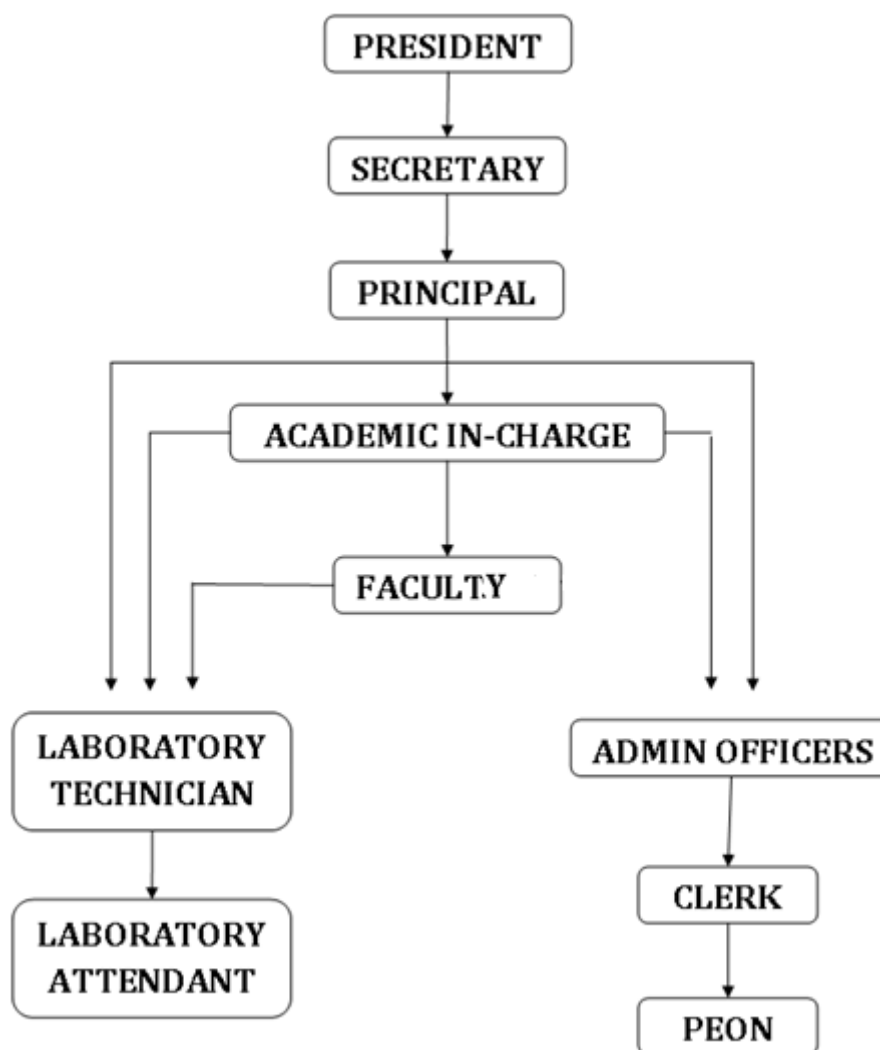
The institute has a Institutional Development and Monitoring Committee (IDMC).

The IDMC shall be the Principal Academic body of the institute and shall, in addition to all other powers and duties vested in it, have the following powers and duties.

- To exercise general supervision over the academic work of the institute and to give directions regarding methods of instructions, evaluation, research or improvements in academic standards.
- To consider matters of academic interest either on its own initiative or at the instance of the Governing Body and to take proper action thereon.
- To maintain proper standards of the examinations.
- To make recommendations to the board of management on:
 - Measures for improvement of overall standards of the institute.
 - Establishment of departments/centers and on bye laws covering the academic functioning of the institute, discipline, admission, examinations, appointment of research fellow, concessions, attendance etc.

- Review the reports collect from Program Assessment Committee and give the suggestion for the improvement or achievement of COs, POs & PEOs.
- Give suggestion to the entire department during the visit for the improvements of respective departments.

The Organizational Chart of the Institution



Defined rules, procedures, recruitment, and promotional policies etc.

Following acts and rules are adopted as guidelines for procedures, recruitment, promotional policies, code of conduct issued from time to time by the regulatory bodies:

- AICTE Norms
- Rules for Affiliation by CSVTU, Bhilai

- All other applicable state/central government rules/regulations
- Rules and By-laws of Society
- Norms of Pharmacy Council of India (PCI)

1. Recruitment of Teaching Staff

Cadre Structure

- a. Director/Principal
- b. Professor
- c. Associate Professor
- d. Assistant Professors

Qualifications –

Faculty is recruited based on the qualifications prescribed by the AICTE and CSVTU from time to time.

Mode of Selection of Teaching Staff -

Direct recruitment to all cadres is based strictly on merit. Invariably in almost all cases, the following procedure is followed:

- i. Advertisements in leading newspapers, and the college website.
- ii. Applications are scrutinized on the fourth day after the last day for receipt of application.
- iii. The Registrar, CSVTU appoints the subject experts for the posts of assistant professors, associate professors.
 - For the appointment of professors, honourable vice chancellor/ Nominee, CSVTU, is the chairman of the Selection Board and two to three subject experts are appointed.
 - For the selection of Associate Professor, Dean, Faculty of Pharmacy, CSVTU is the chairman and two subject experts are appointed.
 - Selection Committee is constituted as per CSVTU and AICTE norms.
- iv. Call letters are sent to eligible candidates, for attending interviews specifying place, date and time of interview.
- v. Selection Committee interviews and recommends candidates.

- vi. The selection list along with appointment orders, joining reports and all supporting documents are sent to the Registrar, CSVTU for approval.

Sometimes, depending on emergency/exigencies of the situation, adhoc appointments are made on temporary basis for specified periods, subject to approval of pending of staff.

Selection Committee-

1. Vice Chancellor/nominee as the Chairman of the selection committee.
2. President/Nominee of President of the Jan Pragati Education Society
3. 2 to 3 Expert Members (Nominated by CSVTU)
4. University Nominee to Selection Committee
5. commissioner/Nominee of the Commissioner from the Technical Education, Govt. of Chhattisgarh
6. Principal

Adhoc appointments are made if necessary as per the above procedures, involving the members, but not recommended.

Recruitment for Non-Teaching Staff**Cadre Structure****a. Office**

- i. Registrar (Graduate with experience)
- ii. Office Superintendent (Graduate with Experience)
- iii. Office Assistant (Graduate with Computer Knowledge)
- iv. Computer Operator (Graduate with Diploma in Computer Application)
- v. Accountant (B. Com.)
- vi. Peon

b. Laboratories

- vii. Lab Technician (D. Pharm. /DMLT/B.Sc.)
- viii. Lab Attender (H.S.C)

c. Central Store

- ix. Store in-charge (D. Pharm./DMLT/B.Sc.)
- x. Store Keeper (H.S.C)

Qualifications

Non-teaching staff are recruited based on the qualifications prescribed by the State Government.

Mode of Selection of Non-Teaching Staff

All positions are advertised in the news papers or notified in the local notice boards. After scrutiny of received applications, a short list is made by the Jan Pragati Education Society (JPES), Principal (CIP); Interview call letters are sent to eligible candidates to appear for a test and subsequent personal interview. The selection committee consists of some or all of the following:

- a. President/nominee of President of the Educational Society
 - b. Principal
 - c. Administrative Head
- All appointments (Teaching and Non-teaching staff) made after selection, are forwarded to the Chairman for approval and to the Governing Body.

Promotion Policy for Teaching Staff

- Career Advancement Scheme is implemented strictly in accordance with AICTE rules.
- Higher post such as Professor and Associate Professor are offered through selection committee constituted by the honorable Vice Chancellor, CSVTU.

| Associate Professor to Professor | | |
|---------------------------------------------------|---------------------------|----------------|
| 01 | Dr. Ravindra Kumar Pandey | June 2016 |
| 02 | Dr. Shiv Shankar Shukla | June 2016 |
| 03 | Dr. Trilochan Satapathy | February 2024 |
| 04 | Dr. S. Prakash Rao | June 2016 |
| 05 | Dr. Beena Gidwani | April 2023 |
| Assistant Professor to Associate Professor | | |
| 06 | Dr. Pushpa Prasad Gupta | September 2019 |
| 07 | Dr. Shashikant Chndrakar | September 2019 |
| 08 | Dr. Bibekanand Meher | September 2019 |
| 09 | Dr. Rajnikant Panik | May 2022 |
| 10 | Dr. Neha Dubey | June 2023 |
| 11 | Dr. Monika Bhairam | June 2023 |
| 12 | Dr. Disha Kesharwani | June 2023 |

All the information is made available as Society Manual is followed by the CIP. The availability is notified on the institute website on institute website www.columbiaiop.ac.in. At the time of joining, through departmental meetings and periodic notices, awareness of rules and procedures is maintained.

Promotion Policy for Non-Teaching Staff

- Time bound promotions given to Non-Teaching Staff.
- Promotion to higher post through selection

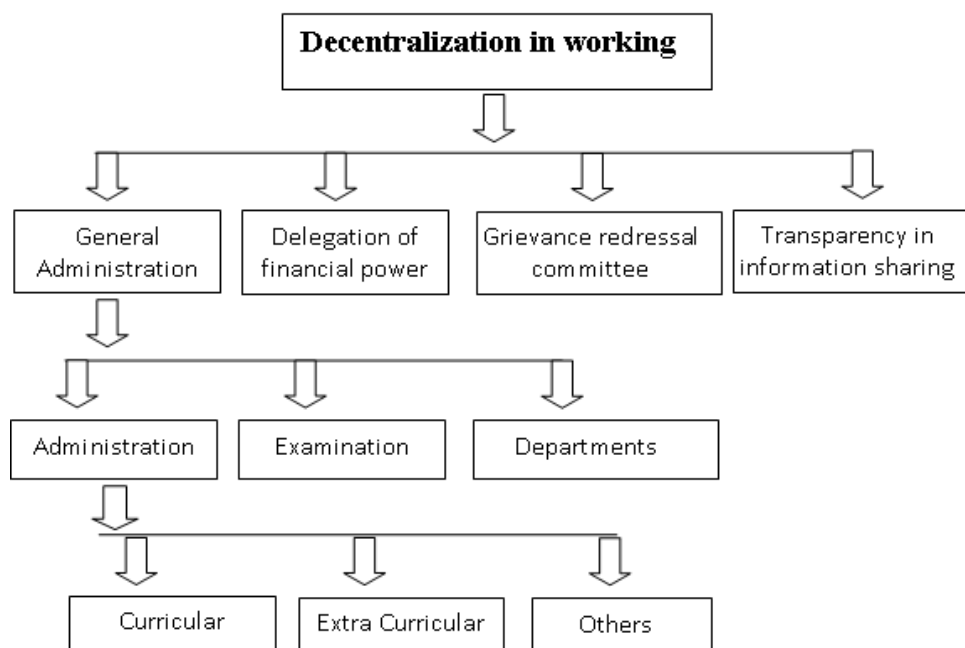
9.1.2 Decentralization in working and grievance redressal mechanism (15)

(List the names of the faculty members who are

| |
|-----------------------------|
| Institute Marks (15) |
|-----------------------------|

administrators/decision makers for various responsibilities. Specify the mechanism and composition of grievance redressal cell.)

List the names of the faculty members who are decision makers for various responsibilities.



Administration

- Principal is assisted by an administrative officer, who is assisted by office assistants looking after correspondence, admission, HR, scholarships etc.
- Finance is looked after by accountant.
- Administrative officer looks after all the support services and maintenance.

| Sl. No. | Administration | Role/ Responsibilities |
|---------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Institutional Development and Monitoring Committee | <ul style="list-style-type: none"> • To prepare vision and mission of the institute. • To monitor the overall development of the institute. • Review the reports collect from Program Assessment Committee and give the suggestion for the improvement or achievement of COs, POs & PEOs. • Annual Report • Action Taken • Give suggestions for the improvement in Quality of Question Papers, Student Projects, Assignments, |

| | | |
|----------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Experiments etc. |
| 2 | Program
Assessment
Committee | <ul style="list-style-type: none"> • NBA related works • The Committee monitors and evaluates the programme effectiveness and proposes necessary changes for the attainment of PEOs and Pos. • Conducts and interprets various surveys required to assess POs and PEOs. • Records on programme activities and progress and submits to Institutional Development and Monitoring Committee (IDMC). |
| 3 | Academic Audit
Committee | <ul style="list-style-type: none"> • To monitor the regular academic activities. • Academic Time Table. • Maintain course file of all subject submitted by individual subject in-charge. • Result analysis. • Action taken. |
| 4 | Research/Scientific
Committee | <ul style="list-style-type: none"> • Facilitate a broader involvement of faculty, staff, and students in research activities. • Review research proposals and projects (in the preliminary and final stages) to ensure standards and research direction. • Record of Publications of the Institute. • Record of Ongoing and Completed Projects (In-house) • Mechanism for apply Industrial Projects. • Record of Grants received by Industry/Government. • MOU with Industry if any. • List of Participants in Seminar/Workshop/
Conferences • Utilization Certificates of the Projects. • Reports of Seminar/Workshop. |
| 5 | Examination
Committee | <ul style="list-style-type: none"> • To prepare and notify mid semester examination (theory, remedial & practical) time table in consultation with |

| | | |
|----------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | <p>academic in-charge & principal.</p> <ul style="list-style-type: none"> • To conduct Sessional examination (theory, remedial & practical) as per schedule. • To upload mid semester marks (theory & practical) marks to CSVTU • To Maintain the Marks Statement and display it on the notice board. • To procure Industrial training Certificates. |
| 6 | Career Guidance, Training and Placement Cell | <ul style="list-style-type: none"> • Conduct campus interview. • Guide the students to prepare CV for all final year students. • To prepare record of placement (year wise) • Arrange industrial visit. • Profile of Visited industries in industrial tour. |
| 7 | Entrepreneurship cell & Alumni Committee | <ul style="list-style-type: none"> • List of Alumni Registered • To conduct the alumni Programme. • To record the List of Participants in program with their feedback • List of Entrepreneurs • Success Story of Entrepreneurs • Minutes of Meeting |
| 8 | Admission Cell | <ul style="list-style-type: none"> • To prepare promotion and admission policy of the institute. • To prepare the List of Admitted Students in B. Pharm. 1st Sem. with PPHT Rank • To prepare the List of Admitted Students in B. Pharm. 3rd Sem. (Lateral Entry) • To maintain Admission Book |
| 9 | GPAT Cell | <ul style="list-style-type: none"> • To conduct the classes of GPAT as per the time table • To maintain record of GPAT appearing students • To maintain record of score sheet of students • To motivate students towards GPAT examination & monitor the records |

| | | |
|-----------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10 | Institutional
Animal Ethics
Committee Anti | <ul style="list-style-type: none"> • Overall responsibility of animal house & its records • To organize IAEC meeting • To maintain records of IAEC |
| 11 | Sexual Harassment
Cell/ Women
Redressal
Committee | <ul style="list-style-type: none"> • Guidelines/Mechanism • Complaints received (if any). • Action taken on complaints • Minutes of meeting |
| 12 | Anti Ragging
Committee | <ul style="list-style-type: none"> • Guidelines/Mechanism • Complaints received (if any). • Action taken on complaints • Minutes of meeting |
| 13 | Library Committee | <ul style="list-style-type: none"> • To update faculty regarding new editions/volumes/addendums added and collect the particulars of the books and journals to be procured during the academic year • To maintain the E-resources • Providing suggestions for overall improvement of library functioning maintenance of books • Bills of Books & Journals • To maintain the student Projects and Ph. D. Thesis (Year wise) |
| 14 | Purchase
Committee | <ul style="list-style-type: none"> • To draft a procedure for purchase of books, chemical, glassware, furniture, instruments, teaching aids, stationary items and others. • To maintain the inventory. • To check the Issue/Balance stock record/register of Glassware, Issue/Balance stock record/register of Chemical. Issue/Balance stock record/register of instruments. Issue/Balance stock record/register of Ethyl Alcohol • Minutes of meeting. |
| 15 | Technical | <ul style="list-style-type: none"> • To motivate the students for publication . |

| | | |
|-----------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Magazine Committee | <ul style="list-style-type: none"> To initiate the function of CIP E- News letter and institute journal (CJP) regularly each Quarter. Select and edit the articles on the subject matter of pharmacy. To maintain the record of publication. |
| 16 | Extra-curricular Committee (Sports events) | <ul style="list-style-type: none"> To motivate the students to participate in the sports. To organize the annual sports activities in Communication with principal. Prize and certificate distribution. Enroll the students and maintain the records. |
| 17 | Extra-curricular Committee (Cultural events) | <ul style="list-style-type: none"> Organizing all cultural activities on suitable date. Screening and selecting the events for annual day Prize and certificate distribution. Enroll students and maintain the records. To provide platform and arrange infrastructure for the events in the institute. |
| 18 | Discipline Committee | <ul style="list-style-type: none"> To maintain the discipline among the students in the institute under the monitoring and guidance of principal. |
| 19 | Redressal Committee (General) | <ul style="list-style-type: none"> To maintain the Complaints received (if any). Action taken on complaints Guidelines/Mechanism |
| 20 | Hostel Committee | <ul style="list-style-type: none"> Maintenance record of students admitted hostels Complaints received Action Taken on complaints To maintain /check Log Book of Hostel |
| 21 | Website Maintenance Committee | <ul style="list-style-type: none"> Time to time updation in website Maintenance of website |
| 22 | Anti-Discrimination Cell | <ul style="list-style-type: none"> Minutes of Meeting Maintenance record of meetings Complaints received Action Taken |

| | | |
|-----------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 23 | ERP committee | <ul style="list-style-type: none"> • Maintenance of ERP system |
| 24 | Social Media Committee | <ul style="list-style-type: none"> • Posting various activities on social media. • Preparation of flairs of different events organized in college |
| 25 | Social Welfare | Organizing various social activities in various rural areas and also in college. |
| 26 | Laboratory Committee | <ul style="list-style-type: none"> • Maintenance of instruments • Maintenance of Laboratory • Updation of SOP, Logbooks |
| 27 | Institute Meeting Committee | <ul style="list-style-type: none"> • To Organize governing body meeting • To Organize society meeting • To Organize Departmental meeting • To maintain the record of all meetings |
| 28 | Institute Inspection Committee | <ul style="list-style-type: none"> • Compliance of documents • For the inspection of PCI • For the inspection of CSVTU • Documentation • Verification • Conduction of Inspection |
| 29 | Building Maintenance Committee | <ul style="list-style-type: none"> • To invigilate & maintain overall maintenance |

LIST OF THE COMMITTEE IN CHARGE WITH THEIR MEMBER
(YEAR 2024-25)

| S. No | Administration | | Members | Role/ Responsibilities | Frequency for updation of meeting minutes register (minimum/year) | Tentative schedule for Meeting |
|-------|----------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| | Name of Committee | Composition Committee Incharge | | | | |
| 1 | Institutional Development and Monitoring Committee | Dr. Ravindra Kumar Pandey | Dr. Shiv Shankar Shukla
Dr. Bina Gidwani
Dr. Trilochan Satapathy
Dr. Disha Kesharwani | Minutes of Meeting.
Annual Report
Action Taken | 2 times in a year (as and when required) | 3 rd Saturday of January
3 rd Saturday of July (as and when required) |
| 2 | Program Assessment Committee | Dr. Shiv Shankar Shukla | Dr. Ravindra Kumar Pandey
Dr. Bina Gidwani
Mr. Srinivas Iyer
Ms. Abhilasha Somawar | Minutes of Meeting
Result Analysis
Attainment of Program Outcomes with their evidences
Attainment of Course Outcomes with their evidences | 2 times in a year (as and when required) | 2 nd Saturday of January
2 nd Saturday of July (as and |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | when required) |
|---|-------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------|
| 3 | Academic audit Committee | Dr. Shiv Shankar Shukla | Dr. Bina Gidwani
Mr. Gunjan Kalyani
Ms. Sandhya Mishra | Minutes of Meeting
Academic Time Table
Lesson Plan
Semester Plan | 2 times in a year
(as and when required) | 3 rd Monday of January
3 rd Monday of July
(as and when required) |
| 4 | Research/Scientific Committee | Dr.Bina Gidwani | Dr. Ravindra Kumar Pandey
Dr. Shiv Shankar Shukla
Dr. Trilochan Satapathy
Dr.Shashikant Chandrakar
Mr.Gunjan Kalyani
Dr. Monika Bhairam
Dr. Disha Kesharwani | Minutes of Meeting
Record of Ongoing and Completed Projects (In-house)
Record of Grants received by Industry/Government.
Mechanism for apply Industrial Projects
MOU with Industry if any
List of Participants in Seminar/Workshop/Conferences
Publications of the Institute
Utilization Certificates of the Projects
Reports of Seminar/Workshop
Decision on outside projects & its cost determination. | 4 times in a year
(as and when required) | Every 4 th Saturday & as and when required |
| 5 | Examination | Dr. Shashikant | Ms. Shilpa | Minutes of Meeting | Not Limited | As and |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|---|-------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------|
| | Committee | Chandrakar
(Exam Controller) | Sahu(conduction of sessional exam)
Mr. Rahul Goswami(conducti on of sessional exam)
Mr.Mahendra K Dewangan
Mr. Srinivas Iyer | Verification of Academic Calendar (Last 3 Years)
Question Papers of Sessional Examination (Last 3 Years)
Question Papers of Practical Examinations (Last 3 Years)
Question papers of End Semester Exam (theory) (Last 3 Years)
Practical Time Table (Last 3 Years)
Sessional Time Table (Last 3 Years)
Sessional Duty Chart (Last 3 Years)
Sessional Exam Copies (Last 3 Years)
Practical Exam Copies (Last 3 Years)
Sessional Marks List (Last 3 Years)
Practical Exam Marks List (Last 3 Years)
Result Analysis All Types (Last 3 Years)
T. R. Sheet (All Batches with RV and RVV)
Sessional and Practical Marks Register
Industrial training Certificates of session 2014-15 | | when required |
| 6 | Career Guidance, Training and | Mr. Atanu Bhattacharya | Mr. Swapnil Lal
Ms. Manisha Verma | Minutes of Meetings
List of Placement | 2 times in a year
(as and when | 3 rd
Saturday |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|---|------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| | Placement Cell | | Mr. Rahul Goswami | (M. Pharm.)
List of Industry visited to CIP for Campus interview with all details (last 3 years) – Campus interview file
Appointment Letters of students placed for job.
List of Placement (Passout batch B. Pharm. 2017)
Profile of Visited industries in industrial tour.
Evidences for group discussion classes
To maintain overall record of placement | required) | of
January
3 rd
Saturday
of July
(as and
when
required) |
| 7 | Entrepreneurship cell & Alumni Committee | Ms. Monika Bhairam | Mr. Shiv Kumar Bhardwaj
Ms. Renuka Verma
Mr. Shailendra Kumar Sharma
Mr. Yashmeet Singh Chhabra
Mr. Piyush Sahu | Minutes of Meeting
Constitution
Alumni Association Registration
List of Alumni Registered
Program Conducted (Minimum 2 in a year)
List of Participants in program with their feedback
List of Entrepreneurs
Success Story of Entrepreneurs | 2 times in a year
(as and when
required) | 3 rd
Saturday
of
January
3 rd
Saturday
of July
(as and
when
required) |
| 8 | Admission Cell | Mr. Shailendra Kumar Sharma
Ms. Anjali Sinha | Mr. Srinivas Iyer
Mr. Santosh Dhritlahare | Minutes of Meeting
List of Admitted Students in B. Pharm. 1 st Sem. with PPHT Rank
List of Admitted Students in B. | 2 times in a year
(as and when
required) | 2 nd
Saturday
of
January |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|----|---------------------------------------------|----------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| | | | | Pharm. 3 rd Sem. (Lateral Entry)
Admission Rule Book | | 2 nd
Saturday
of July
(as and
when
required) |
| 9 | M. Pharmacy
Admission
Committee | Dr. Monika
Bhairam | Mr. Gunjan Kalyani
Mr. Sagar Sahu
Mr. Rahul Goswami | Minutes of Meeting
List of Admitted Students in M.
Pharm. 1 st Sem. With GPAT Rank
Admission Rule Book
Motivation work | 2 times in a year
(as and when
required) | 2 nd
Saturday
of
January
2 nd
Saturday
of July
(as and
when
required) |
| 10 | GPAT Committee | Ms. Poonam Sahu | Dr. Shashikant
Chandrakar
Dr. Beena Gidwani
Dr. Monika
Bhairam | To conduct the classes of GPAT as
per the time table
To maintain record of GPAT
appearing students
To maintain record of score sheet
of students
To motivate students towards
GPAT examination & monitor the
records | Every Two
Months | Every 3 rd
Saturday |
| 11 | Institutional
Animal Ethics
Committee | Dr. Trilochan
Satapathy | Dr. Shiv Shankar
Shukla
Mr. Shiv Kumar
Bhardawaj
Ms. Poonam Sahu | Overall responsibility of animal
house & its records
To organize IAEC meeting
To maintain records of IAEC | Every Month | Every 4 th
Saturday |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|-----------|-----------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------|
| | | | Ms. Ayushi Gupta
Mr. Piyush Sahu | | | |
| 12 | Anti Sexual Harassment Cell/
Women Redressal Committee | Dr. Bina Gidwani | Dr. Monika Bhairam
Dr. Disha Kesharwani
Ms. Shilpa Sahu
Dr. Neha Dubey
Ms. Sandhya Mishra
Ms. Abhilasha Somawar | Minutes of meeting
Constitution
Guidelines/Mechanism
Complaints received (if any).
Action taken on complains | 2 times in a year
(as and when required) | 3 rd Saturday of January
3 rd Saturday of July
(as and when required) |
| 13 | Anti Ragging Committee | Dr. Ravindra Kumar Pandey | Mr. Swapnil Lall
Mr. Sagar Sahu
Ms. Shilpa Sahu
Mr. Rahul Goswami
---- (Boys Hostel Warden)
---- (Girls Hostel Warden)
Mr. Shiv Ku. Bharadwaj
Ms. Poonam Sahu
Ms. Renuka
Ms. Neelima Janardan
Mr. Piyush Sahu
Mr. Srinivas Iyer
M.Pharm. Final Student B.Pharm | Minutes of meeting
Constitution
Guidelines/Mechanism
Complaints received (if any).
Action taken on complains | 2 times in a year
(as and when required) | 4 th Saturday of January
4 th Saturday of July
(as and when required) |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|-----------|--------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------|
| | | | Final (Girl)
Police station
Incharge
Student B.Pharm
Final (Boy) | | | |
| 14 | Anti Ragging Squad | Mr. Swapnil Lall | Mr. Sagar Sahu
Ms. Shilpa Sahu
---- (Boys Hostel Warden)
---- (Girls Hostel Warden)
Mr. Shiv Ku. Bharadwaj
Ms. Poonam Sahu
Ms Renuka
Mrs .Neelima Janardan
Mr. Piyush Sahu
Mr. Srinivas Iyer
President (student union) M.Pharm.
Final
Student B.Pharm
Final (Girl)
Police station
Incharge
Student B.Pharm
Final(Boy) | Complaints received (if any).
Action taken on complains
To maintain overall discipline of students. | As and when required | Every Month
2 nd
Saturday |
| 15 | Library Committee | Ms. Sandhya Mishra | Mr. Lekhram Chandrakar | Minutes of Meeting
List of books with accession no. | 4 times in a year
(as and when | 4 th
Saturday |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|----|--------------------|--------------------|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | Ms. Renuka Verma | Budget Allocation years wise for library resources
Journals details (Year wise)
E-resources
Procedure for purchasing books
Maintenance of books
Bills of Books & Journals
No. of book purchased in last three years (year wise)
No. of title added in last three years (Year wise)
No. of volume added in last three years (year wise)
No. of addition added in last three years (year wise)
M. Pharm. Projects (Year wise) with list
B. Pharm. Projects (Years wise) with list
Ph. D. Thesis (Year wise) with list | required) | of January 4 th
Saturday of April 4 th
Saturday of July 4 th
Saturday of October (as and when required) |
| 16 | Purchase Committee | Dr. Monika Bhairam | Dr. Ravindra Pandey,
Dr. Shiv Shankar Shukla,
Mr. Santosh Dhritlahre | Minutes of meeting
Constitution
Procedure for purchasing of books, chemical, glassware, furniture, instruments, teaching aids, stationary items and others.
Inventory system
Issue/Balance stock record/register of Glassware
Issue/Balance stock | 2 times in a year (as and when required) | 3 rd Saturday of December
3 rd Saturday of June (as and when |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|----|------------------------------|-------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | record/register of Chemical
Issue/Balance stock
record/register of instruments
Issue/Balance stock
record/register of Ethyl Alcohol
Issue/Balance stock
record/register of Acetic
anhydride
Budget Allocation
Bills of Chemicals
Bills of Glassware
Bills of Instruments
Bills of Ethyl Alcohol
Bills of Acetic anhydride
Bills of furniture
Bills of stationary
Bills of computer accessories
Segregation of chemicals | | required) |
| 17 | Technical Magazine Committee | Dr. Ravindra Pandey
Dr. Disha Kesharwani
Mr. Gunjan kalyani | | Minutes of Meeting
News letters (Last 3 Years)
Prospectus (Last 3 Years)
To collect articles from Teachers & students | 4 times in a year (as and when required) | 2 nd Saturday of January
2 nd Saturday of April
2 nd Saturday of July
2 nd Saturday |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | of
October
(as and
when
required) |
|-----------|-----------------|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| 18 | Sports events | Mr. Mahendra
Kumar Sahu
Mr. Sagar Sahu | Mr. Shiv Kumar
Bharadwaj
Ms. Manisha Verma
Mr. Kamleshwar
Sahu
Mr. Piyush Sahu
Ms. Ayushi Gupta
Mr. Bhishm Kumar
Sahu | Minutes of meeting
List of events
Prize distribution list (year wise –
last 3 years)
List of
District/State/National/Internatio
nal level player from institute
List of winning students (1st, 2nd&
3rd Position) in inter-school
competitions
Sports facility (Materials, indoor
games room and outdoor
playgrounds)
To organize sports & assist the
university compitions | 2 times in a year
(as and when
required) | 3 rd
Saturday
of
January
3 rd
Saturday
of July
(as and
when
required) |
| 19 | Cultural events | Dr. Neha Dubey | Ms. Shilpa Sahu
Ms. Neelima
Janardan
Ms. Manisha Verma
Ms. Renuka Verma
Ms. Bhumika
Verma
Ms.Poonam Sahu
Ms.Ruchi
Bhattacharya | Minutes of Meeting
List of Events (including all types
of events workshop, seminar,
motivational lecture, orientation
program, blood donation camp,
rotary club activity, spik meca
y IPA/PCI related program etc.)
Prize distribution list (year wise –
last 3 years)
To organize Saturday activity & | 2 times in a year
(as and when
required) | Every 2 nd
Saturday |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|-----------|----------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| | | | Mr.Rahul Goswami
Ms.Prachita Joshi
Mr. Piyush Sahu
Mr. Shailendra Sharma
Ms. Vedika Vaishnav
Ms. Anjali Sinha | maintain the records of it
To maintain the record of annual function | | |
| 20 | Discipline Committee* | Mr. Swapnil lall
Ms. Anjali Sinha | Ms. Poonam Sahu
Mr. Shailendra Sharma
Mr. Sagar Sahu
Mr. Shiv Ku. Bharadwaj
Ms. Manisha
Ms. Poonam
Ms. Shilpa
Ms. Bhumika
Students of B. Pharm. Final Year
Students of M. Pharm. Final Year | To maintain overall discipline of students during programmes | 2 times in a year
(as and when required) | Every 4 th Saturday |
| 21 | Redressal Committee
(General) | Mr. Swapnil Lal | Ms. Poonam Sahu
Ms. Khusbu Singh
Mr. Shailendra Sharma | Minutes of meeting
Constitution
Guidelines/Mechanism
Complaints received (if any).
Action taken on complains | 1 time in a year
(as and when required) | 1 st Saturday of January
(as and when required) |
| 22 | Hostel Committee | Mr. Shiv Kumar | Ms. Renuka Verma | Minutes of Meeting | 4 times in a year | Every 4 th |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|----|---------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Bharadwaj
(in-charge Boys
Hostel)
Mr. Swapnil Lall
Ms. Poonam Sahu | Ms. Neelima
Janardan
Boys Hostel
Warden
Student Member
Girls Hostel
Warden
Student Member | Maintenance record of hostels
Complaints received
Action Taken
Log Book of Hostel
List of Students who have taken
hostel facility (Last 3 years – Year
wise with room numbers) | (as and when
required) | Saturday |
| 23 | Website
Maintenance | Mr. Rahul Goswami | Mr. Srinivas Iyer
Mr. Gaurav Verma | Maintenance of website
Time to time updation in website | 4 times in a year
(as and when
required) | Every 4 th
Saturday |
| 24 | Anti-
Discrimination
Cell | Dr. Ravindra
Kumar Pandey | Ms. Shilpa Sahu
Mr. Sagar Sahu
Mr. Mahendra Ku.
Sahu
Mr. Shailendra
Sharma
Student M.Pharma.
Final Year (Male)
Student B.Pharma.
Final Year (Female) | Minutes of Meeting
Maintenance record of meetings
Complaints received
Action Taken | 4 times in a year
(as and when
required) | 2 nd
Saturday
of
January
2 nd
Saturday
of April
2 nd
Saturday
of July
2 nd
Saturday
of
October |
| 25 | ERP committee | Mr. Santosh
Dhritlahre | Mr. Gaurav Verma | Maintenance of ERP system | NA | Every 2 nd
Saturday |
| 26 | Social Media | Dr. Disha
Kesharwani | Dr. Neha Dubey
Mr. Swapnil Lal | Preparation of flairs of different
events organized in college | NA | Every 4 th
Saturday |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|----|----------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----|--------------------------------|
| | | | Mr. Srinivas Iyer | Posting various activities on social media. | | |
| 27 | Social Welfare | Mr. Sagar Sahu | Mr. Mahendra Sahu
Mr. Shailendra Sharma
Ms. Neelima Janardan
Ms. Manisha Verma | Organizing various social activities in various rural areas and also in college. | NA | As and when required |
| 28 | Laboratory Committee | Dr. Shashikant Chandrakar (Pharmaceutics lab incharge) | Dr. Monika Bhairam
Dr. Neha Dubey | Maintenance of Laboratory
Updation of SOP, Logbooks
Maintenance of instruments | NA | Every 2 nd Saturday |
| | | Dr. Disha Kesharwani (Biotechnology lab incharge) | Ms. Sandhya Mishra | Maintenance of Laboratory
Updation of SOP, Logbooks
Maintenance of instruments | NA | Every 2 nd Saturday |
| | | Ms. Sandhya Mishra (Machine Room Incharge) | Dr. Shahikant Chandrakar | Maintenance of Laboratory
Updation of SOP ,Logbooks
Maintenance of instruments | NA | Every 2 nd Saturday |
| | | Dr. Trilochan Satapathy (Pharmacology lab incharge) | Mr. Shiv Kumar Bharadwaj
Ms. Renuka Verma | Maintenance of Laboratory
Updation of SOP, Logbooks
Maintenance of instruments | NA | Every 2 nd Saturday |
| | | Mr. Shiv Kumar Bhardwaj (Animal House incharge) | Ms. Poonam Sahu | Maintenance of Laboratory
Updation of SOP, Logbooks
Maintenance of instruments | NA | Every 2 nd Saturday |
| | | Ms. Neelima Janardan (Pharmacognosy) | Mr. Mahendra Kumar Sahu | Maintenance of Laboratory
Updation of SOP, Logbooks
Maintenance of instruments | NA | Every 2 nd Saturday |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|-----------|--------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------|
| | | Lab & Medicinal
Gurden Incharge | | | | |
| | | Ms. Shilpa
Sahu(Pharmaceutic
al Analysis Lab
Incharge) | Mr. Rahul Goswami
Ms. Bhumika
Verma
Ms. Manisha Verma | Maintenance of Laboratory
Updation of SOP, Logbooks
Maintenance of instruments | NA | Every 2 nd
Saturday |
| | | Mr.Gunjan Kalyani
(Pharmaceutical
Chemistry Lab
incharge) | Mr. Sagar Sahu
Mr. Mahendra
Kumar Sahu | Maintenance of Laboratory
Updation of SOP, Logbooks
Maintenance of instruments | NA | Every 2 nd
Saturday |
| | | Dr. Shiv Shankar
Shukla(Instrument
Room Incharge) | Dr. Beena Gidwani | Maintenance of Laboratory
Updation of SOP, Logbooks
Maintenance of instruments | NA | Every 2 nd
Saturday |
| | | Dr. Shashikant
Chandrakar
(Pharmaceutics lab
incharge) | Dr. Monika
Bhairam
Dr. Neha Dubey
Mr. Shailendra
Sharma | Maintenance of Laboratory
Updation of SOP, Logbooks
Maintenance of instruments | NA | Every 2 nd
Saturday |
| 29 | Institute Meeting
Committee | Mr. Swapnil Lall | Ms. Anjali Sinha | To Organize governing body
meeting
To Organize society meeting
To Organize Departmental
meeting
To maintain the record of all
meetings | As and when
required | |
| 30 | Institute
Inspection
Committee | Dr. Trilochan
Satapathy
Mr. Gunjan Kalyani | Mr. Rahul Goswami
Mr. Srinivas Iyer
Ms. Abhilasha
Somawar | Compliance of documents
For the inspection of PCI
For the inspection of CSVTU
Documentation | | Quarterly
&
As and
when |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|----|--------------------------------|-------------------------|----------------------------------------------|----------------------------------------------|--|--------------------------------|
| | | | | Verification
Conduction of Inspection | | required |
| 31 | Building Maintenance Committee | Dr. Shiv Shankar Shukla | Mr. Santosh Dhritlahare
Mr. Rajesh Devdas | To invigilate & maintain overall maintenance | | Every 2 nd Saturday |

LIST OF THE COMMITTEE IN CHARGE WITH THEIR MEMBER

(YEAR 2023-24)

| S. No | Administration | | Members | Role/ Responsibilities | Frequency for updation of meeting minutes register (minimum/year) | Tentative schedule for Meeting |
|-------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| | Name of Committee | Composition Committee Incharge | | | | |
| 1 | Institutional Development and Monitoring Committee | Dr. Ravindra Kumar Pandey | Dr. Shiv Shankar Shukla
Dr. S. Prakasah Rao
Dr. Bina Gidwani
Dr. Trilochan Satapathy | Minutes of Meeting.
Annual Report
Action Taken | 2 times in a year (as and when required) | 3 rd Saturday of January
3 rd Saturday of July (as and when |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|----------|-------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 2 | Program Assessment Committee | Dr. Shiv Shankar Shukla | Dr. Ravindra Kumar Pandey
Dr. Bina Gidwani
Mr. Srinivas Iyer
Ms. Abhilasha Somawar | Minutes of Meeting
Result Analysis
Attainment of Program Outcomes with their evidences
Attainment of Course Outcomes with their evidences | 2 times in a year (as and when required) | required)
2 nd
Saturday of
January
2 nd
Saturday of July (as and when required) |
| 3 | Academic audit Committee | Dr. Shiv Shankar Shukla | Dr. Bina Gidwani
Mr. Gunjan Kalyani
Ms. Sandhya Mishra | Minutes of Meeting
Academic Time Table
Lesson Plan
Semester Plan | 2 times in a year (as and when required) | 3 rd
Monday of
January
3 rd
Monday of July (as and when required) |
| 4 | Research/Scientific Committee | Dr. Bina Gidwani | Dr. Ravindra Kumar Pandey
Dr. Shiv Shankar Shukla

Dr. S. Prakash Rao
Dr. Trilochan Satapathy | Minutes of Meeting
Record of Ongoing and Completed Projects (In-house)
Record of Grants received by Industry/Government.
Mechanism for apply Industrial Projects
MOU with Industry if any | 4 times in a year (as and when required) | Every 4 th
Saturday &
as and when required |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|---|-----------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------|
| | | | Dr.Shashikant Chandrakar
Dr.Rajni Kant Panik
Mr.Gunjan Kalyani
Ms. Monika Bhairam | List of Participants in Seminar/Workshop/Conferences
Publications of the Institute
Utilization Certificates of the Projects
Reports of Seminar/Workshop
Decision on outside projects & its cost determination. | | |
| 5 | Examination Committee | Dr. Shashikant Chandrakar | Dr. Rajnikant Panik
Ms.Shilpa Sahu(conduction of sessional exam)
Mr. Rahul Goswami(conducti on of sessional exam)
Ms.Disha Kesharwani
Mr.Mahendra K Dewangan
Mr. Srinivas Iyer | Minutes of Meeting
Verification of Academic Calendar (Last 3 Years)
Question Papers of Sessional Examination (Last 3 Years)
Question Papers of Practical Examinations (Last 3 Years)
Question papers of End Semester Exam (theory) (Last 3 Years)
Practical Time Table (Last 3 Years)
Sessional Time Table (Last 3 Years)
Sessional Duty Chart (Last 3 Years)
Sessional Exam Copies (Last 3 Years)
Practical Exam Copies (Last 3 Years)
Sessional Marks List (Last 3 Years)
Practical Exam Marks List (Last 3 Years)
Result Analysis All Types (Last 3 | Not Limited | As and when required |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|---|----------------------------------------------|------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| | | | | Years)
T. R. Sheet (All Batches with RV and RVV)
Sessional and Practical Marks Register
Industrial training Certificates of session 2014-15 | | |
| 6 | Career Guidance, Training and Placement Cell | Mr. Atanu Bhattacharya | Mr. Swapnil lal
Ms.Shilpa Sahu
Mr.Rahul Goswami | Minutes of Meetings
List of Placement (M. Pharm.)
List of Industry visited to CIP for Campus interview with all details (last 3 years) – Campus interview file
Appointment Letters of students placed for job.
List of Placement (Passout batch B. Pharm. 2017)
Profile of Visited industries in industrial tour.
Evidences for group discussion classes
To maintain overall record of placement | 2 times in a year
(as and when required) | 3 rd
Saturday
of
January
3 rd
Saturday
of July
(as and when required) |
| 7 | Entrepreneurship cell & Alumni Committee | Ms. Monika Bhairam | Mr. Shiv Kumar Bhardwaj
Ms. Renuka Verma
<i>Mr. Shailendra Kumar Sharma</i> | Minutes of Meeting
Constitution
Alumni Association Registration
List of Alumni Registered
Program Conducted (Minimum 2 | 2 times in a year
(as and when required) | 3 rd
Saturday
of
January
3 rd |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|----|--------------------------------|-------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------|
| | | | Mr.Yashmeet Singh Chhabra | in a year)
List of Participants in program with their feedback
List of Entrepreneurs
Success Story of Entrepreneurs | | Saturday of July (as and when required) |
| 8 | Admission Cell | Dr. S. Prakash Rao(D.Pharm &B.Pharm) | Mr. Shrinivas Iyer
Mr. Santosh Dhritlahare | Minutes of Meeting
List of Admitted Students in B. Pharm. 1 st Sem. with PPHT Rank
List of Admitted Students in B. Pharm. 3 rd Sem. (Lateral Entry)
Admission Rule Book | 2 times in a year (as and when required) | 2 nd Saturday of January 2 nd Saturday of July (as and when required) |
| 9 | M.Pharmacy Admission Committee | Dr. Rajnikant Panik
Ms. Monika Bhairam | Mr. Gunjan Kalyani
Mr. Sagar sahu
Mr. Rahul Goswami | Minutes of Meeting
List of Admitted Students in M. Pharm. 1 st Sem. With GPAT Rank
Admission Rule Book
Motivation work | 2 times in a year (as and when required) | 2 nd Saturday of January 2 nd Saturday of July (as and when required) |
| 10 | GPAT Committee | Dr. Rajnikant Panik | Dr. Shashikant Chandrakar
Dr. Beena Gidwani
Ms. Poonam Sahu
Ms. Monika | To conduct the classes of GPAT as per the time table
To maintain record of GPAT appearing students
To maintain record of score sheet | Every Two Months | Every 3 rd Saturday |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|----|-----------------------------------------------------------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| | | | Bhairam | of students
To motivate students towards
GPAT examination & monitor the
records | | |
| 11 | Institutional
Animal Ethics
Committee | Dr. Trilochan
Satapathy | Mr. Shiv Kumar
Bhardawaj
Ms. Poonam Sahu | Overall responsibility of animal
house & its records
To organize IAEC meeting
To maintain records of IAEC | Every Month | Every 4 th
Saturday |
| 12 | Anti Sexual
Harassment Cell/
Women Redressal
Committee | Dr. Bina Gidwani | Ms. Monika
Bhairam
Ms. Disha
Kesharwani
Ms. Shilpa Sahu
Dr. Neha Dubey
Ms. Sandhya Mishra
Ms. Abhilasha
Somawar | Minutes of meeting
Constitution
Guidelines/Mechanism
Complaints received (if any).
Action taken on complains | 2 times in a year
(as and when
required) | 3 rd
Saturday
of
January
3 rd
Saturday
of July
(as and
when
required) |
| 13 | Anti Ragging
Committee | Dr. Ravindra
Kumar Pandey | Mr. Swapnil lall
Mr. Sagar Sahu
Ms. Shilpa Sahu
Mr. Rahul Goswami
---- (Boys Hostel
Warden)
---- (Girls Hostel
Warden)
Mr. Shiv Ku.
Bharadwaj
Ms. Poonam Sahu
Ms. Renuka | Minutes of meeting
Constitution
Guidelines/Mechanism
Complaints received
(if any).
Action taken on complains | 2 times in a year
(as and when
required) | 4 th
Saturday
of
January
4 th
Saturday
of July
(as and
when
required) |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|----|-----------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------|
| | | | Ms. Neelima
Janardan
Mr. Srinivas Iyer
M.Pharm. Final
Student B.Pharm
Final (Girl)
Police station
Incharge
Student B.Pharm
Final (Boy) | | | |
| 14 | Anti Ragging
Squad | Mr.Swapnil lall | Mr. Sagar Sahu
Ms. Shilpa Sahu
---- (Boys Hostel
Warden)
---- (Girls Hostel
Warden)
Mr. Shiv Ku.
Bharadwaj
Ms. Poonam Sahu
Ms Renuka
Mrs .Neelima
Janardan
Mr. Srinivas Iyer
President (student
union) M.Pharm.
Final
Student B.Pharm
Final (Girl)
Police station
Incharge | Complaints received
(if any).
Action taken on complains
To maintain overall discipline of
students. | As and when
required | Every
Month
2 nd
Saturday |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | Student B.Pharm
Final(Boy) | | | |
|-----------|-----------------------|-----------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15 | Library
Committee | Ms.Sandhya Mishra | Mr. Lekhram
Chandrakar | Minutes of Meeting
List of books with accession no.
Budget Allocation years wise for
library resources
Journals details (Year wise)
E-resources
Procedure for purchasing books
Maintenance of books
Bills of Books & Journals
No. of book purchased in last three
years (year wise)
No. of title added in last three
years (Year wise)
No. of volume added in last three
years (year wise)
No. of addition added in last three
years (year wise)
M. Pharm. Projects (Year wise)
with list
B. Pharm. Projects (Years wise)
with list
Ph. D. Thesis (Year wise) with list | 4 times in a year
(as and when
required) | 4 th
Saturday
of
January
4 th
Saturday
of April
4 th
Saturday
of July
4 th
Saturday
of
October
(as and
when
required) |
| 16 | Purchase
Committee | Ms. Monika
Bhairam | Dr. Ravindra
Pandey,
Dr. Shiv Shankar
Shukla,
Mr. Santosh
Dhritlahre | Minutes of meeting
Constitution
Procedure for purchasing of books,
chemical, glassware, furniture,
instruments, teaching aids,
stationary items and others. | 2 times in a year
(as and when
required) | 3 rd
Saturday
of
Decembe
r
3 rd |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|----|------------------------------------|-------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| | | | | Inventory system
Issue/Balance stock
record/register of Glassware
Issue/Balance stock
record/register of Chemical
Issue/Balance stock
record/register of instruments
Issue/Balance stock
record/register of Ethyl Alcohol
Issue/Balance stock
record/register of Acetic
anhydride
Budget Allocation
Bills of Chemicals
Bills of Glassware
Bills of Instruments
Bills of Ethyl Alcohol
Bills of Acetic anhydride
Bills of furniture
Bills of stationary
Bills of computer accessories
Segregation of chemicals | | Saturday
of June
(as and
when
required) |
| 17 | Technical
Magazine
Committee | Dr. Ravindra
Pandey
Ms. Disha
Kesharwani
Mr. Gunjan kalyani | Ms. Ruchi
Bhattacharya | Minutes of Meeting
News letters (Last 3 Years)
Prospectus(Last 3 Years)
To collect articles from Teachers &
students | 4 times in a year
(as and when
required) | 2 nd
Saturday
of
January
2 nd
Saturday
of April
2 nd |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|-----------|-----------------|----------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| | | | | | | Saturday
of July
2 nd
Saturday
of
October
(as and
when
required) |
| 18 | Sports events | Mr. Mahendra
Kumar Sahu
Mr. Sagar Sahu | Mr. Shiv Kumar
Bharadwaj
Ms. Manisha Verma
Mr. Kamleshwar
Sahu | Minutes of meeting
List of events
Prize distribution list (year wise –
last 3 years)
List of
District/State/National/International
level player from institute
List of winning students (1st, 2nd &
3rd Position) in inter-school
competitions
Sports facility (Materials, indoor
games room and outdoor
playgrounds)
To organize sports & assist the
university competitions | 2 times in a year
(as and when
required) | 3 rd
Saturday
of
January
3 rd
Saturday
of July
(as and
when
required) |
| 19 | Cultural events | Dr. Neha Dubey | Ms. Shilpa Sahu
Ms. Neelima
Janardan
Ms. Manisha Verma
Ms. Renuka Verma
Ms. Bhumika | Minutes of Meeting
List of Events (including all types
of events workshop, seminar,
motivational lecture, orientation
program, blood donation camp,
rotary club activity, spik meca | 2 times in a year
(as and when
required) | Every 2 nd
Saturday |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|----|-------------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------|
| | | | Verma
Ms.Poonam Sahu
Ms.Ruchi
Bhattacharya
Mr.Rahul Goswami
Ms.Prachita Joshi | IPA/PCI related program etc.)
Prize distribution list (year wise – last 3 years)
To organize Saturday activity & maintain the records of it
To maintain the record of annual function | | |
| 20 | Discipline Committee* | Mr. Swapnil lall | Ms.Poonam Sahu
Mr Shailendra Sharma
Mr. Sagar Sahu
Mr. Shiv Ku.
Bharadwaj
Ms. Manisha
Ms. Poonam
Ms. Shilpa
Ms. Bhumika
Students of B. Pharm. Final Year
Students of M. Pharm. Final Year | To maintain overall discipline of students during programmes | 2 times in a year (as and when required) | Every 4 th Saturday |
| 21 | Redressal Committee (General) | Dr. S. Prakash Rao | Mr.Swapnil Lal
Ms.Poonam Sahu
Ms.Ruchi
Bhattacharya
Ms.Khusbu Singh | Minutes of meeting
Constitution
Guidelines/Mechanism
Complaints received (if any).
Action taken on complains | 1 time in a year (as and when required) | 1 st Saturday of January (as and when required) |
| 22 | Hostel Committee | Mr. Shiv Kumar Bharadwaj | Ms.Renuka Verma
Mr. Dhanjay | Minutes of Meeting
Maintenance record of hostels | 4 times in a year (as and when required) | Every 4 th Saturday |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|----|--------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | (in-charge Boys Hostel)
Mr. Swapnil Lall
Ms. Poonam Sahu | Mrs Nelima
Boys Hostel
Warden
Student Member
Girls Hostel
Warden
Student Member | Complaints received
Action Taken
Log Book of Hostel
List of Students who have taken hostel facility (Last 3 years – Year wise with room numbers) | required) | |
| 23 | Website Maintenance | Mr. Rahul Goswami | Mr.Srinivas Iyer
Mr. Gaurav Verma | Maintenance of website
Time to time updation in website | 4 times in a year
(as and when required) | Every 4 th
Saturday |
| 24 | Anti-Discrimination Cell | Dr. Ravindra Kumar Pandey | Dr. S. Prakash Rao
Dr. Neha Dubey
Ms. Shilpa Sahu
Mr. Sagar Sahu
Mr. Mahendra Ku. Sahu
Student M.Pharma.
Final Year (Male)
Student B.Pharma.
Final Year (Female) | Minutes of Meeting
Maintenance record of meetings
Complaints received
Action Taken | 4 times in a year
(as and when required) | 2 nd
Saturday
of
January
2 nd
Saturday
of April
2 nd
Saturday
of July
2 nd
Saturday
of
October |
| 25 | ERP committee | Mr. Santosh Dhritlahre
Mr. Gaurav Verma | | Maintenance of ERP system | NA | Every 2 nd
Saturday |
| 26 | Social Media | Ms. Disha Kesharwani | Dr. Neha Dubey
Mr. Swapnil Lal
Mr. Shrinivas Iyar | Preparation of flairs of different events organized in college
Posting various activities on social | NA | Every
Saturday |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | | |
|----|-------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----|-----------------------------------|
| | | | | media. | | |
| 27 | Social Welfare | Mr. Sagar Sahu | Mr.Mahendra Sahu
Mr.Shailendra
Sharma
Ms. Neelima
Janardan
Ms. Manisha Verma
Bhomoka verma
Mr. Dhananjay | Organizing various social activities
in various rural areas and also in
college. | NA | As and
when
required |
| 28 | Laboratory
Committee | Dr. Shashikant
Chandrakar
(Pharmaceutics lab
incharge) | Ms. Monika
Bhairam
Dr. Neha Dubey | Maintenance of Laboratory
Updation of SOP, Logbooks
Maintenance of instruments | NA | Every 2 nd
Saturday |
| | | Ms. Disha
Kesharwani
(Biotechnology lab
incharge) | Ms. Sandhya Mishra | Maintenance of Laboratory
Updation of SOP, Logbooks
Maintenance of instruments | NA | Every 2 nd
Saturday |
| | | Dr. Rajni Kant
Panik (Machine
Room Incharge) | Dr. Shahikant
Chandrakar
Ms. Sandhya Mishra | Maintenance of Laboratory
Updation of SOP ,Logbooks
Maintenance of instruments | NA | Every 2 nd
Saturday |
| | | Dr. Trilochan
Satapathy
(Pharmacology lab
incharge) | Mr. Shiv Kumar
Bharadwaj
Ms.Renuka Verma | Maintenance of Laboratory
Updation of SOP, Logbooks
Maintenance of instruments | NA | Every 2 nd
Saturday |
| | | Mr. Shiv Kumar
Bhardwaj (Animal
House incharge) | Ms.Poonam Sahu | Maintenance of Laboratory
Updation of SOP, Logbooks
Maintenance of instruments | NA | Every 2 nd
Saturday |
| | | Dr. S P
Rao(Pharmacognos | Mr.Mahendra
Kumar Sahu | Maintenance of Laboratory
Updation of SOP, Logbooks | NA | Every 2 nd
Saturday |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | |
|-----------|--------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------|
| | y Lab & Medicinal
Gurden Incharge | Ms. Neelima
Janardan
Mr. Dhananjay
Sahu | Maintenance of instruments | | |
| | Ms.Shilpa
Sahu(Pharmaceutic
al Analysis Lab
Incharge) | Mr.Rahul Goswami
Ms.Bhumika Verma
Ms. Manisha Verma | Maintenance of Laboratory
Updation of SOP, Logbooks
Maintenance of instruments | NA | Every 2 nd
Saturday |
| | Mr.Gunjan Kalyani
(Pharmaceutical
Chemistry Lab
incharge) | Mr.Sagar Sahu
Mr.Mahendra
Kumar Sahu | Maintenance of Laboratory
Updation of SOP, Logbooks
Maintenance of instruments | NA | Every 2 nd
Saturday |
| | Dr. Shiv Shankar
Shukla(Instrument
Room Incharge) | Dr.Beena Gidwani | Maintenance of Laboratory
Updation of SOP, Logbooks
Maintenance of instruments | NA | Every 2 nd
Saturday |
| | Dr.Shashikant
Chandrakar
(Pharmaceutics lab
incharge) | Ms.Monika
Bhairam
Dr.Neha Dubey
Mr. Shailendra
Sharma | Maintenance of Laboratory
Updation of SOP, Logbooks
Maintenance of instruments | NA | Every 2 nd
Saturday |
| 29 | Institute Meeting
Committee | Mr. Swapnil Lall
Ms Disha
kesharwani | To Organize governing body
meeting
To Organize society meeting
To Organize Departmental
meeting
To maintain the record of all
meetings | As and when
required | |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | | | |
|-----------|--------------------------------|-----------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| 30 | Institute Inspection Committee | Dr. Trilochan Satapathy
Mr. Gunjan Kalyani | Mr. Rahul Goswami
Mr. Srinivas Iyer
Ms. Abhilasha Somawar | Compliance of documents
For the inspection of PCI
For the inspection of CSVTU
Documentation
Verification
Conduction of Inspection | Quarterly &
As and when required |
| 31 | Building Maintenance Committee | Dr. Shiv Shankar Shukla
Dr. S. Prakash Rao | Mr. Santosh Dhritlahare
Mr. Rajesh Devdas | To invigilate & maintain overall maintenance | Every 2 nd Saturday |

LIST OF THE COMMITTEE IN CHARGE WITH THEIR MEMBER

(YEAR 2022-23)

| Sl. No. | Administration | Composition | |
|----------|----------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------|
| | | Committee in-charge | Members |
| 1 | Institutional Development and Monitoring Committee | Dr. Amit Roy | Dr. Ravindra Kumar Pandey,
Dr. Shiv Shankar Shukla
Dr. Bina Gidwani,
Dr. S. Prakasah Rao |
| 2 | Program Assessment Committee | Dr. Ravindra Kumar Pandey | Dr. Shiv Shankar Shukla
Dr. Bina Gidwani, Mr. Srinivas Iyer,
Ms. Abhilasha |
| 3 | Academic audit Committee | Dr. Ravindra Kumar Pandey | Dr. Bina Gidwani
Mr. Gunjan Kalyani
Ms. Sandhya Mishra |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | |
|---|-----------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4 | Research/Scientific Committee | Dr. Shiv Shankar Shukla | Dr. Amit Roy,
Dr. Ravindra Kumar Pandey,
Dr. S. Prakash Rao,
Dr. Shashikant Chandrakar
Dr. Bibekanand Meher
Dr. Bina Gidwani
Dr. Rajni Kant Panik
Mr. Gunjan Kalyani |
| 5 | Examination Committee | Dr. Shashikant Chandrakar | Mr. Srinivas Iyer
Mr. Akhilesh Kumar Sahu
Ms. Disha Kesharwani
Mr. Mahendra K Dewangan |
| 6 | Career Guidance, Training and Placement Cell | Mr. Atanu Bhattacharya | Mr. Swapnil Lal
Mr. Rahul Goswami
Ms. Durgeshnandini Sinha
Ms. Shilpa Sahu |
| 7 | Entrepreneurship cell & Alumni Committee | Ms. Monika Bhairam | Ms. Renuka Verma
Ms. Urmila Didhi
Mr. Chhatrapal
Mr. Yashmeet Singh Chhabra |
| 8 | Admission Cell | Dr. S. Prakash Rao (D.Pharm & B.Pharm)

Dr. Pushpa Prasad (M.Pharm) | Mr. Shrinivas Iyer |
| 9 | Anti Sexual Harassment Cell/
Women Redressal Committee | Dr. Amit Roy | Dr. Bina Gidwani
Dr. Pushpa Prasad Gupta
Ms. Sandhya Mishra
Ms. Disha Kesharwani
Ms. Pragya Baghel |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | |
|----|------------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | Ms.Abhilasha Somawar |
| 10 | Anti Ragging Committee | Dr. Amit Roy | Mr.Swapnil lal
Dr.Pushpa Prasad
Ms.Shilpa Sahu----- (Boys Hostel Warden)
----- (Girls Hostel Warden)
Mr. Shiv Kumar Bharadwaj
Ms. Poonam Sahu
Mr. Srinivas Iyer
President (student union)M.Pharm. Final
Student B.PharmFinal (Girl)
Police station Incharge
Student B.Pharm Final(Boy) |
| 11 | Library Committee | Ms.Sandhya Mishra
Ms.Ruchi Bhattacharya | Mr.Kamleshwar Sahu
Mr. Lekhram Chandrakar |
| 12 | Purchase Committee | Mr.Manindra Mahapatra
Mr.Chhatrapal | Dr. Shiv Shankar Shukla,
Dr. Ravindra Pandey,
Ms.Anupama Roy
Mr.Shailendra Kumar Sharma
Mr. Santosh Dhritlahre |
| 13 | Technical Magazine Committee | Dr. Ravindra Pandey | Ms. Disha Kesharwani
Mr.Harish Sahu
Ms.Khushbu Singh |
| 14 | Sports events | Mr. Sagar Sahu | Mr.Mithlesh Chandrakar
Mr.Shiv Kumar Bharadwaj
Mr.Ankit Chaurasiya
Mr.Akhilesh kumar Sahu
Mr.Kamleshwar Sahu |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | |
|-----|-------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15 | Cultural events | Ms.Neha Dubey | Ms.Shilpa Sahu
Ms.Poonam Sahu
Mr.Rahul Goswami
Mr. Akhilesh kumar Sahu
Ms.Ruchi Bhattacharya
Ms.Prachita Joshi |
| 16 | Discipline Committee* | Mr. Swapnil lal | Mr. Shiv Kumar Bharadwaj
Ms.Poonam Sahu
Students of B. Pharm. Final Year
Students of M. Pharm. Final Year |
| 17 | Redressal Committee (General) | Dr. S. Prakash Rao | Mr.Swapnil Lal
Ms.Ruchi Bhattacharya
Ms.Poonam Sahu
Ms.Khusbu Singh |
| 18 | Hostel Committee | Mr. Shiv Kumar Bharadwaj
(in-charge Boys Hostel)
Ms. Poonam Sahu
(in-charge Girls Hostel) | Ms.Renuka Verma
Boys Hostel Warden
Student Member
Girls Hostel Warden
Student Member |
| 19 | Website Maintenance | Mr.Mithlesh Chandrakar | Mr.Shrinivas Iyar |
| 20. | Committee for Social Work | Dr. Pushpa Prasad Gupta | Mr. Sagar Sahu
Mr.Shiv Kumar Bharadwaj
Ms.Poonam Sahu
Mr.Neeraj Kumar Karmakar
Ms.Kamini Verma
Ms.Bhumika Verma
Mr.Yashmeet Singh Chhabra
Mr. Santosh Dhritlahre |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | |
|-----|----------------------|----------------------------------------------------------|---------------------------------------------------------------|
| 21. | Laboratory Committee | Dr.Shashikant Chandrakar
(Pharmaceutics lab incharge) | Ms.Monika Bhairam
Ms.Neha Dubey |
| | | Ms.Disha Kesharwani(Biotechnology lab incharge) | Ms.Sandhya Mishra |
| | | Dr.Rajni Kant Panik(Machine Room Incharge) | Dr.Shahikant Chandrakar
Ms.Sandhya Mishra |
| | | Dr.Bibekanand Meher
(Pharmacology lab incharge) | Mr.Shiv Bhardwaj
Ms.Renuka Verma |
| | | Dr.Pushpa Prasad(Animal House incharge) | Ms.Poonam Sahu |
| | | Dr. S P Rao(Pharmacognosy Lab Incharge) | Ms.Ruchi Bhattacharya
Mr.Chhatrapal
Ms.Kamini Verma |
| | | Ms.Shilpa Sahu(Pharmaceutical Analysis Lab Incharge) | Mr.Rahul Goswami
Mr.Manindra Mahapatra
Ms.Bhumika Verma |
| | | Mr.Gunjan Kalyani(Pharmaceutical Chemistry Lab incharge) | Mr.Sagar Sahu
Mr.Mahendra Kumar Sahu |
| | | Mr.Shiv Shankar Shukla(Instrument Room Incharge) | Dr.Beena Gidwani |
| | | | |

LIST OF THE COMMITTEE IN CHARGE WITH THEIR MEMBER

(YEAR 2021-22)

| Sl. No. | Administration | Composition | |
|---------|----------------------------------------------------|---------------------|-------------------------------------------------------|
| | | Committee in-charge | Members |
| 1 | Institutional Development and Monitoring Committee | Dr. Amit Roy | Dr. Ravindra Kumar Pandey,
Dr. Shiv Shankar Shukla |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | |
|---|----------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | Dr. Bina Gidwani,
Dr. S. Prakasah Rao |
| 2 | Program Assessment Committee | Dr. Ravindra Kumar Pandey | Dr. Bina Gidwani, Mr. Srinivas Iyer,
Ms. Abhilasha |
| 3 | Academic audit Committee | Dr. Ravindra Kumar Pandey | Dr. Bina Gidwani
Mr. Gunjan Kalyani
Ms. Sandhya Mishra |
| 4 | Research/Scientific Committee | Dr. Shiv Shankar Shukla | Dr. Amit Roy,
Dr. Ravindra Kumar Pandey,
Dr. S. Prakash Rao,
Dr. Shashikant Chandrakar
Dr. Bibekanand Meher
Dr. Bina Gidwani
Mr. Gunjan Kalyani |
| 5 | Examination Committee | Dr. Shashikant Chandrakar | Mr. Srinivas Iyer
Mr. Akhilesh Kumar Sahu
Ms. Disha Kesharwani |
| 6 | Career Guidance, Training and Placement Cell | Mr. Atanu Bhattacharya | Mr. Swapnil Lal
Mr. Rahul Goswami
Ms. Durgeshnandini Sinha
Ms. Shilpa Sahu
Mr. Mahendra K Dewangan |
| 7 | Entrepreneurship cell & Alumni Committee | Ms. Monika Bhairam | Ms. Renuka Verma
Ms. Urmila Didhi |
| 8 | Admission Cell | Dr. S. Prakash Rao (D.Pharm & B.Pharm)

Dr. Pushpa Prasad (M.Pharm) | Mr. Shrinivas Iyer |
| 9 | Anti Sexual Harassment Cell/ | Dr. Amit Roy | Dr. Bina Gidwani |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | |
|----|------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Women Redressal Committee | | Dr. Pushpa Prasad Gupta
Ms. Sandhya Mishra
Ms. Disha Kesharwani
Ms. Pragya Baghel
Ms. Abhilasha Somawar |
| 10 | Anti Ragging Committee | Dr. Amit Roy | Mr. Swapnil lal
Dr. Pushpa Prasad
Ms. Shilpa Sahu----- (Boys Hostel Warden)
----- (Girls Hostel Warden)
Mr. Shiv Kumar Bharadwaj
Ms. Poonam Sahu
Mr. Srinivas Iyer
President (student union) M.Pharm. Final
Student B.Pharm Final (Girl)
Police station Incharge
Student B.Pharm Final (Boy) |
| 11 | Library Committee | Ms. Sandhya Mishra | Mr. Rahul Goswami
Ms. Omika Yadu
Mr. Lekhram Chandrakar |
| 12 | Purchase Committee | Ms. Prakriti Diwan | Dr. Shiv Shankar Shukla,
Dr. Ravindra Pandey,
Ms. Anupama Roy
Mr. Santosh Dhritlahre |
| 13 | Technical Magazine Committee | Dr. Ravindra Pandey | Ms. Disha Kesharwani
Mr. Aman Chandrakar |
| 14 | Sports events | Mr. Sagar Sahu | Mr. Mithlesh Chandrakar
Mr. Shiv Kumar Bharadwaj
Mr. Mahendra Verma |

CRITERION 9: GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

| | | | |
|-----|-------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | Mr.Akhilesh kumar Sahu
Mr.Kamleshwar Sahu |
| 15 | Cultural events | Ms.Neha Dubey | Ms.Shilpa Sahu
Ms.Poonam Sahu
Mr.Rahul Goswami
Ms.Jharna Sahu
Mr. Akhilesh kumar Sahu
Ms.Ruchi Bhattacharya
Ms.Prachita Joshi |
| 16 | Discipline Committee* | Mr. Swapnil lal | Mr. Shiv Kumar Bharadwaj
Ms.Poonam Sahu
Students of B. Pharm. Final Year
Students of M. Pharm. Final Year |
| 17 | Redressal Committee (General) | Dr. S. Prakash Rao | Mr.Swapnil Lal
Ms.Ruchi Bhattacharya
Ms.Poonam Sahu
Mr.Khusboo Singh |
| 18 | Hostel Committee | Mr. Shiv Kumar Bharadwaj
(in-charge Boys Hostel)
Ms. Poonam Sahu
(in-charge Girls Hostel) | Ms.Renuka Verma
Boys Hostel Warden
Student Member
Girls Hostel Warden
Student Member |
| 19 | Website Maintenance | Mr.Mithlesh Chandrakar | Mr.Shrinivas Iyar |
| 20. | Committee for Social Work | Dr. Pushpa Prasad Gupta | Mr. Sagar Sahu
Mr.Shiv Kumar Bharadwaj
Ms.Poonam Sahu
Mr.Neeraj Kumar Karmakar
Mr. Santosh Dhritlahre |



9.1.3 Delegation of financial powers (15)

| |
|-----------------------------|
| Institute Marks (15) |
|-----------------------------|

(Explicitly mention financial powers delegated to the Principal, Heads of Departments and relevant in-charges. Demonstrate the utilization of financial powers for each year of the assessment years.)

Financial powers delegated to the Principal and relevant in-charges

Principal: The principal has the financial powers to spend Rs 10,000/- at a time, keeping in view of the urgency and needs. These are to authorize the purchase of consumable for laboratories (book etc) over and above the general procedure of annual purchase.

- To permit the reimbursement of travelling (conferences and workshops) and other expenses for official purposes.
- To take care of guests, parents, alumni and stakeholders.
- To sponsor faculty/staff for any academic activities.
- To authorize any other expenses, he may deem essential.

Relavant in-charges: The relavant in-charge have the financial powers to spend Rs 5,000/- at a time, keeping in view of the urgency and needs (chemicals & other materials), repair of equipments.

Staff member: Each staff member handling laboratory work has the financial powers to spend Rs. 2000/- at a time, keeping in view of the laboratory needs for conducting experiments (medicines, oils, commodities of domestic market). The pharmacology department take care the needs of the feed, animals and other required.

All such financial decisions are exercised in consultation with the principal and secretary. These officers are available in the campus every day.

Demonstration of utilization of financial powers for each of the assessment years

| Sl. No. | Name of In-charge | Purposeof Expenses | Item | Expenses |
|---------|-------------------|--------------------|------------|----------|
| | | | Purchased/ | Amount |
| | | | Repaired | |

| | | | | | |
|----------------|-------------------------------------------------------------|----------------------------------------------------|----------------------------|--------|--|
| 2024-25 | | | | | |
| 1. | Mr. Mahendra Kumar Sahu | Purchase of plants for medicinal garden | Plants | 1370/- | |
| 2. | Mr. Sagar Sahu | stationary for NSS activity | Stationary | 910/- | |
| 3. | Dr. Shiv Shankar Shukla, HOD, Pharmaceutical QA | Maintenance of AC in Instrument Room | maintenance | 3750/- | |
| 4. | Dr. Beena Gidwani, Research Committee | A4 paper rim for printing of research publications | A4 paper rim | 1280/- | |
| 5. | Dr. Trilochan Satapathy, Professor, Pharmacology Department | Animal Feed | Feed | 1360/- | |
| 6. | Dr. Monika Bhairam, | Stationary for Alumni Meet Program | Stationary | 1790/- | |
| 2023-24 | | | | | |
| 1. | Mr. Srinivas Iyer, Registrar | Refilling of Printer Cartridge 12A | Printer Cartridge 12A | 1830/- | |
| 2. | Dr. Ravindra Kumar Pandey | Maintenance of equipment | Maintenance | 890/- | |
| 3. | Dr. Trilochan Satapathy, Professor, Pharmacology Department | Purchase of chemicals for sample analysis | Chemicals | 790/- | |
| 4. | Dr. Shiv Shankar Shukla, HOD, Pharmaceutical QA | Purchase of solvents HPLC Grade | Isopropyl Alcohol for HPLC | 2300/- | |
| 2022-23 | | | | | |

| | | | | |
|----------------|-------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------|--------|
| 1. | Dr. Beena Gidwani, Research Committee | A4 paper rim for A4 paper 1550/-
printing of research rim
publications | | |
| 2. | Mr. Santosh Gritlahre | Maintenance of electricity | maintenance | 1930/- |
| 3. | Mr. Srinivas Iyer, Registrar | Stationary for office work | Stationary | 1480/- |
| 4. | Dr. Sashikant Chandrakar, Examination Cell In-charge | Stationary for Exam Section | Stationary | 1050/- |
| 2021-22 | | | | |
| 1. | Dr. Ravindra Kumar Pandey | Stationary for Principal chamber | Stationary | 2500/- |
| 2. | Dr. Shiv Shankar Shukla, HOD, Pharmaceutical QA | Purchase of solvents HPLC Grade | Water and Acetonitrile for HPLC | 4500/- |
| 3. | Dr. Sashikant Chandrakar, Examination Cell In-charge | Stationary for documentation | Stationary | 1250/- |
| 4. | Dr. Trilochan Satapathy, Professor, Pharmacology Department | Animal Feed for Animal house | Feed | 2150/- |

9.1.4 Transparency and availability of correct/unambiguous information in public domain (10)

Institute Marks (10)

(Information on the policies, rules, processes is to be made available on web site.)

Information on the policies, rules, processes is to be made available on web site

Transparency

In order to ensure transparency, the Institute takes the following measures.

Academic and Administrative Transparency:

- All the issues are discussed in the meetings of the Heads of Departments, which are held periodically the minutes of which are circulated to all the departments.
- The decisions taken and the issues discussed in meetings of the Heads of Departments are informed to the faculty in the department level meetings.
- All the decisions taken by the statutory bodies pertaining to particular items are informed to all the staff.
- All the important pieces of information are sent to the faculty, staff and students.
- There are Notice Boards in front of office and nearer the library through which information is made available to the staff and students and very significant circulars are sent to the classrooms.
- Student Attendance has to be posted every month by the respective members of faculty in the notice boards for information to the students.
- Academic Results and all the important items are placed on the university website.
- The Mandatory Disclosure is presented on the website including the academic regulations and syllabus.
- All the information about the institute is made crystal clear through the institute web-site.
- Every parent can get information about his/her ward's attendance and performance.

Following Rules & Processes are made available in our institute website –

- Admission Rule and Procedure in B. Pharm. M. Pharm., & Ph.D. Course
- Recruitment Rule (For Teaching and Non-Teaching Staff)
- Leave Policy
- Rule/Process for relieving Job from the institute (For Teaching and Non-Teaching Staff)

- Function of Committees
- Minutes of Meeting
- Audited Statement and Budget Allocation

B. Dissemination of the information about student, faculty and staff (6)

- Institute Website
- Notice Board

9.2 Budget Allocation, Utilization, and Public Accounting at Institute level (30)

(Summary of current financial year's budget and actual expenditure incurred (for the institution exclusively) in the three previous financial years.

| |
|-----------------------------|
| Institute Marks (30) |
|-----------------------------|

Total income at institute level: For CFY, CFYm2, CFYm3 & CFYm3

CFY: Current Financial Year, CFYm2 (Current Financial Year minus 2), CFY m3 (Current Financial Year minus 3) and CFYm3 (Current Financial Year minus 3)

For CFY (2024-25)

| Total Income 49377930 | | | | Actual expenditure (till...):
41803578 | | | Total No. of
Students
564 |
|-----------------------|-------|--------|-------------------------------|-------------------------------------------|------------------|---------------------------------------------------|---------------------------------|
| Fee | Govt. | Grants | Other
sources
(specify) | Recurring
including
salaries | Non
Recurring | Special
Projects
/ Any
other,
specify | Expenditure
per student |
| 48444430 | 0 | 933500 | 0 | 30738413 | 11065165 | 0 | 74119.82 |

For CFYm1 (2023-24)

| Total Income 46218425 | | | | Actual expenditure(till...):
33928509 | | | Total No.
OfStudents
575 |
|-----------------------|-------|--------|-------------------------------|------------------------------------------|------------------|--------------------------------------------------|--------------------------------|
| Fee | Govt. | Grants | Other
sources
(specify) | Recurring
including
salaries | Non
Recurring | Special
Projects/
Any
other,
specify | Expenditure
per student |
| 46177425 | 0 | 41000 | 0 | 27100861 | 6827648 | 0 | 59006.10 |

For CFYm2 (2022-23)

| Total Income 38904854 | | | | Actual expenditure(till...):
32925167 | | | Total No. of
Students
577 |
|-----------------------|-------|--------|-------------------------------|------------------------------------------|----------------------|--------------------------------------------------|---------------------------------|
| Fee | Govt. | Grants | Other
sources
(specify) | Recurring
including
salaries | Non
Recurrin
g | Special
Projects/
Any
other,
specify | Expenditure
per student |
| 38454854 | 0 | 450000 | 0 | 26057891 | 6867276 | 0 | 57062.68 |

For CFYm3 (2021-22)

| Total Income 47823238 | | | | Actual expenditure(till...):
40445213 | | | Total No. of
Students
628 |
|-----------------------|-------|--------|-------------------------------|------------------------------------------|------------------|--------------------------------------------------|---------------------------------|
| Fee | Govt. | Grants | Other
sources
(specify) | Recurring
including
salaries | Non
Recurring | Special
Projects/
Any
other,
specify | Expenditure
per student |
| 47823238 | 0 | 0 | 0 | 25830027 | 14615186 | 0 | 64403.21 |

| Items | Budgete
d
in2024-
2025 | Actual
Expensesi
n 2024-
2025 till | Budgete
d
in2023-
2024 | Actual
Expensesi
n 2023-
2024 till | Budgete
d
in2022-
2023 | Actual
Expense
sin 2022-
2023 till | Budgete
d
in2021-
2022 | Actual
Expense
sin 2021-
2022 till |
|-----------------------------------------------|---------------------------------|---------------------------------------------|---------------------------------|---------------------------------------------|---------------------------------|---------------------------------------------|---------------------------------|---------------------------------------------|
| Infrastructure
Built-Up | 5000000 | 3975500 | 5000000 | 6750000 | 5000000 | 5545658 | 7500000 | 7439855 |
| Library | 250000 | 815233 | 125000 | 77648 | 550000 | 617512 | 750000 | 594047 |
| Laboratory
equipment | 250000 | 774432 | 125000 | 0 | 650000 | 704106 | 7000000 | 6581284 |
| Laboratory
consumables | 750000 | 848792 | 475000 | 549895 | 425000 | 488780 | 250000 | 193401 |
| Teaching and non-
teaching
staff salary | 25500000 | 20228683 | 23500000 | 19173842 | 22700000 | 22323662 | 22500000 | 22491956 |
| Maintenance
and spares | 475000 | 508519 | 375000 | 597051 | 250000 | 305224 | 325000 | 314921 |
| R&D | 275000 | 297994 | 0 | 0 | 0 | 0 | 0 | 0 |
| Training and
Travel | 475000 | 526425 | 425000 | 437675 | 125000 | 129216 | 625000 | 640548 |
| Miscellaneous
expenses* | 3500000 | 4075800 | 3250000 | 3905109 | 2000000 | 2314348 | 1700000 | 1721701 |
| Others,
specify | 525000 | 1431200 | 475000 | 563189 | 475000 | 496661 | 425000 | 467500 |
| Total | 37000000 | 33482578 | 33750000 | 32054409 | 32175000 | 32925167 | 41075000 | 40445213 |

9.2.1. Adequacy of budget allocation (10)**Institute Marks (10)**

Justify that the budget allocated over the years was adequate.

Columbia Institute of Pharmacy follows the process of distributing the available financial resources in a manner consistent with our institute's vision, mission, long-term goals, which are transparent to stakeholders. The allocation model is updated annually. Keeping in view of the fact that no budgeting process is perfect and that ideally there would be more funds to allocate, the goals of the process are to:

- Recognise the importance of staff to long term success.
- Encourage areas to focus on outputs directly related to the strategic plan.
- Improve institutional and support facilities to make the learning an environment of vibrant development.
- Increase research and development.

The institute allocates the available resources based on the forecasted requirements, keeping the curricular and beyond curricular activities, R & D, library, transport, and maintenance in mind. It is the responsibility of institutional development and monitoring committee (IDMC) to ensure that the allocated resources are spent as per their forecasted plans. The emphasis is to increase quality of academic inputs delivered and positively contribute to the institute, in terms of development of new technologies, methods and practices.

9.2.2. Utilization of Allocated Funds (15)**Institute Marks (15)**

State how the budget was utilized during the last three years.

The respective academic and supportive units are informed on allocation of funds under various heads. The guidelines towards making purchase of laboratory equipment, programs conducting, training activities and other miscellaneous.

The institutional development and monitoring committee (IDMC) decides the utilization for the financial year's allocated funds in consultation with the concerned experts including Principal. The utilization is made as per the plans and projections. The priorities are identified. Emphasis is made on increasing the quality of academic inputs that positively contribute to the development. The following is the purchase procedures.

Purchases are done up to the level of allocated funds, however, under some special priority considerations, the purchases can go beyond the allocated funds which will be later retified by the Governing Body. Delegation of financial powers is promoted to keep the autonomy of the Institute and to reduce time delays.

Every effort is made for providing the best and updated infra-structural facilities to students and staff. Optimum utilization of this attitude and policy of the management by utilizing the funds in the lines of the mission statement and objectives. Regular auditing and inventory checks (in-house) keep the mechanism free from over or unjust spending.

Following is the summary of the budget:

| S. No. | Financial Year | Funds allocated (INR) | Funds Utilized (INR) | % Utilization |
|--------|----------------|-----------------------|----------------------|---------------|
| 1. | 2024-25 | 3,79,00,000 | 3,88,34,482 | 102.46% |
| 2. | 2023-24 | 7,53,75,000 | 7,72,31,289 | 102.46% |
| 3. | 2022-23 | 3,21,75,000 | 3,29,25,167 | 102.33% |
| 4. | 2021-22 | 4,10,75,000 | 4,04,45,213 | 98.47% |

9.2.3. Availability of the audited statements on the institutes website (5)

| |
|----------------------------|
| Institute Marks (5) |
|----------------------------|

Needs to make audited statements available on its website.

Yes, the audited statements are available on CIP website www.columbiaiop.ac.in.

9.3 Library and Internet (20)

9.3.1 Quality of learning resources (hard/soft) (10)

| |
|-----------------------------|
| Institute Marks (10) |
|-----------------------------|

It is assumed that zero deficiency report was received by the Institution, effective availability and utilization to be determined.

Library space and ambience, timings and usage, availability of a qualified librarian and other staff, library automation, online access, networking, etc

- Carpet area of library (in m²) -
- Number of seats in reading space - 100
- Number of users (issue book) per day - 150
- Number of users (reading space) per day : 100
- Timings: 09:00AM to 05:00PM

- Number of library staff - 04
- Number of library staff with degree in Library- 02
- Management Computerisation for search, - Available
- Library services on Internet/Intranet **Yes**
- INDEST or other similar membership **DELNET , Yes**

Details of availability of Books

Number of Titles (Hard) – 1079

Number of Volumes – 13730

| Year | No. of New Titles added | No. of New Editions added |
|-----------------------------|--------------------------------|----------------------------------|
| CFY
(2024-25) | 15 | 10 |
| CFYm1
(2023-24) | 13 | 13 |
| CFYm1
(2022-23) | 25 | 22 |
| CFYm1
(2021-22) | 19 | 17 |
| CFYm1
(2020 -21) | 06 | 06 |
| CFYm2
(2019-20) | 22 | 21 |
| CFYm2
(2018-19) | 01 | 01 |
| CFYm2
(2017-18) | 23 | 09 |

Relevance of available learning resources including e-resources

Digital Library

- Availability of digital library contents:
If available, then mention
- Number of courses B. Pharma
- Number of e- books 422
- Number of e- journals 388

- Availability of an exclusive server Yes
- Availability over Intranet/Internet Yes
- Availability of exclusive space/room Yes
- Number of users per day 25

Details of availability of Journals
Year 2025

| S. no. | Name of the Journal | Periodicity | Subscribe Year |
|--------|------------------------------------------------------------------|--------------|-------------------------|
| 1 | Research Journal of Pharmacy and Technology | Monthly | Valid Jan.2025-Dec.2025 |
| 2 | Asian Journal of Research in Chemistry | Monthly | Valid Jan.2025-Dec.2025 |
| 3 | CSIR News | Monthly | Valid Jan.2025-Dec.2025 |
| 4 | Indian Journal of Natural Products and Resources | Quarterly | Valid Jan.2025-Dec.2025 |
| 5 | Indian Journal of Traditional Knowledge | Quarterly | Valid Jan.2025-Dec.2025 |
| 6 | Indian Journal of Pharmacology | Bio-Monthly | Valid Jan.2025-Dec.2025 |
| 7 | International Journal of Advances Drug Delivery | Half Yearly | Valid Jan.2025-Dec.2025 |
| 8 | International Journal of Pharmaceutical Formulation and Analysis | Half Yearly | Valid Jan.2025-Dec.2025 |
| 9 | Indian Drugs | Monthly | Valid Jan.2025-Dec.2025 |
| 10 | Current Science | Half Monthly | Valid Jan.2025-Dec.2025 |
| 11 | Express Pharma | Half Monthly | Valid Jan.2025-Dec.2025 |
| 12 | Pharma Times | Monthly | Valid Jan.2025-Dec.2025 |
| 13 | Indian Journal of Pharmaceutical Education and | Quarterly | Valid Jan.2025- |

| | |
|----------|----------|
| Research | Dec.2025 |
|----------|----------|

Year 2024

| S. no. | Name of the Journal | Periodicity | Subscribe Year |
|--------|------------------------------------------------------------------|--------------|-------------------------|
| 1 | Research Journal of Pharmacy and Technology | Monthly | Valid Jan.2024-Dec.2024 |
| 2 | Asian Journal of Research in Chemistry | Monthly | Valid Jan.2024-Dec.2024 |
| 3 | CSIR News | Monthly | Valid Jan.2024-Dec.2024 |
| 4 | Indian Journal of Natural Products and Resources | Quarterly | Valid Jan.2024-Dec.2024 |
| 5 | Indian Journal of Traditional Knowledge | Quarterly | Valid Jan.2024-Dec.2024 |
| 6 | Indian Journal of Pharmacology | Bio-Monthly | Valid Jan.2024-Dec.2024 |
| 7 | International Journal of Advances Drug Delivery | Half Yearly | Valid Jan.2024-Dec.2024 |
| 8 | International Journal of Pharmaceutical Formulation and Analysis | Half Yearly | Valid Jan.2024-Dec.2024 |
| 9 | Indian Drugs | Monthly | Valid Jan.2024-Dec.2024 |
| 10 | Current Science | Half Monthly | Valid Jan.2024-Dec.2024 |
| 11 | Express Pharma | Half Monthly | Valid Jan.2024-Dec.2024 |
| 12 | Pharma Times | Monthly | Valid Jan.2024-Dec.2024 |
| 13 | Indian Journal of Pharmaceutical Education and Research | Quarterly | Valid Jan.2024-Dec.2024 |

Year 2023

| S. no. | Name of the Journal | Periodicity | Subscribe Year |
|--------|---------------------------------------------|-------------|-------------------------|
| 1 | Research Journal of Pharmacy and Technology | Monthly | Valid Jan.2023-Dec.2023 |
| 2 | Asian Journal of Research in Chemistry | Monthly | Valid Jan.2023- |

| | | | |
|-----------|------------------------------------------------------------------|--------------|-------------------------|
| | | | Dec.2023 |
| 3 | Medicinal and Aromatic Plants Abstracts | Bio-Monthly | Valid Jan.2023-Dec.2023 |
| 4 | CSIR News | Monthly | Valid Jan.2023-Dec.2023 |
| 5 | Indian Journal of Chemical Technology | Bio-Monthly | Valid Jan.2023-Dec.2023 |
| 6 | Indian journal of Chemistry Section – B | Monthly | Valid Jan.2023-Dec.2023 |
| 7 | Indian Journal of Natural Products and Resources | Quarterly | Valid Jan.2023-Dec.2023 |
| 8 | Indian Journal of Experimental Biology | Monthly | Valid Jan.2023-Dec.2023 |
| 9 | Indian Journal of Biochemistry and Biophysics | Bio-Monthly | Valid Jan.2023-Dec.2023 |
| 10 | Indian Journal of Traditional Knowledge | Quarterly | Valid Jan.2023-Dec.2023 |
| 11 | Indian Journal of Pharmacology | Bio-Monthly | Valid Jan.2023-Dec.2023 |
| 12 | Journal of Pharmacology and Pharmacotherapeutics | Quarterly | Valid Jan.2023-Dec.2023 |
| 13 | Journal of Advanced Pharmaceutical Technology & Research | Quarterly | Valid Jan.2023-Dec.2023 |
| 14 | International Journal of Advances Drug Delivery | Half Yearly | Valid Jan.2023-Dec.2023 |
| 15 | International Journal of Pharmaceutical Formulation and Analysis | Half Yearly | Valid Jan.2023-Dec.2023 |
| 16 | Indian Journal of Hospital Pharmacy | Bio-Monthly | Valid Jan.2023-Dec.2023 |
| 17 | Indian Journal of Pharmaceutical Sciences | Monthly | Valid Jan.2023-Dec.2023 |
| 18 | Indian Drugs | Half Monthly | Valid Jan.2023-Dec.2023 |
| 19 | Current Science | Half Monthly | Valid Jan.2023- |

| | | | |
|----|---------------------------------------------------------|-----------|-------------------------|
| | | | Dec.2023 |
| 20 | Express Pharma | Monthly | Valid Jan.2023-Dec.2023 |
| 21 | Pharma Times | Quarterly | Valid Jan.2023-Dec.2023 |
| 22 | Indian Journal of Pharmaceutical Education and Research | Quarterly | Valid Jan.2023-Dec.2023 |

Year 2022

| S. no. | Name of the Journal | Periodicity | Subscribe Year |
|--------|------------------------------------------------------------------|-------------|-------------------------|
| 1 | Research Journal of Pharmacy and Technology | Monthly | Valid Jan.2022-Dec.2022 |
| 2 | Asian Journal of Research in Chemistry | Monthly | Valid Jan.2022-Dec.2022 |
| 3 | Medicinal and Aromatic Plants Abstracts | Bio-Monthly | Valid Jan.2022-Dec.2022 |
| 4 | CSIR News | Monthly | Valid Jan.2022-Dec.2022 |
| 5 | Indian Journal of Chemical Technology | Bio-Monthly | Valid Jan.2022-Dec.2022 |
| 6 | Indian journal of Chemistry Section – B | Monthly | Valid Jan.2022-Dec.2022 |
| 7 | Indian Journal of Natural Products and Resources | Quarterly | Valid Jan.2022-Dec.2022 |
| 8 | Indian Journal of Experimental Biology | Monthly | Valid Jan.2022-Dec.2022 |
| 9 | Indian Journal of Biochemistry and Biophysics | Bio-Monthly | Valid Jan.2022-Dec.2022 |
| 10 | Indian Journal of Traditional Knowledge | Quarterly | Valid Jan.2022-Dec.2022 |
| 11 | Indian Journal of Pharmacology | Bio-Monthly | Valid Jan.2022-Dec.2022 |
| 12 | Journal of Pharmacology and Pharmacotherapeutics | Quarterly | Valid Jan.2022-Dec.2022 |
| 13 | Journal of Advanced Pharmaceutical Technology & Research | Quarterly | Valid Jan.2022-Dec.2022 |
| 14 | International Journal of Advances Drug Delivery | Half Yearly | Valid Jan.2022-Dec.2022 |
| 15 | International Journal of Pharmaceutical Formulation and Analysis | Half Yearly | Valid Jan.2022-Dec.2022 |
| 16 | Indian Journal of Pharmaceutical Sciences | Monthly | Valid Jan.2022-Dec.2022 |

| | | | |
|-----------|---------------------------------------------------------|--------------|-------------------------|
| 17 | Indian Drugs | Half Monthly | Valid Jan.2022-Dec.2022 |
| 18 | Current Science | Half Monthly | Valid Jan.2022-Dec.2022 |
| 19 | Express Pharma | Monthly | Valid Jan.2022-Dec.2022 |
| 20 | Pharma Times | Quarterly | Valid Jan.2022-Dec.2022 |
| 21 | Indian Journal of Pharmaceutical Education and Research | Quarterly | Valid Jan.2022-Dec.2022 |

| |
|-----------------------------|
| Institute Marks (10) |
|-----------------------------|

9.3.2 Internet (10)

- **Name of the Internet provider** - Smart Link Solutions
- **Available bandwidth** - 20 MBPS
- **Wi-Fi availability** - Yes
- **Internet access in labs, classrooms, library and other offices** - Yes
- **Security Arrangement** - Yes

Annexure I
(A) PROGRAM OUTCOME (POs)

ANNEXURE I: PROGRAM OUTCOMES

- 1. Pharmacy Knowledge:** Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.
- 2. Planning Abilities:** Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.
- 3. Problem analysis:** Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.
- 4. Modern tool usage:** Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
- 5. Leadership skills:** Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.
- 6. Professional Identity:** Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).
- 7. Pharmaceutical Ethics:** Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.
- 8. Communication:** Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.
- 9. The Pharmacist and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.
- 10. Environment and sustainability:** Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- 11. Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of

technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.

Declaration

The head of the institution needs to make a declaration as per the format given -

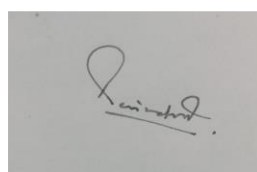
- I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines in force as on date and the institution shall fully abide by them.
- It is submitted that information provided in this Self Assessment Report is factually correct.
- I understand and agree that an appropriate disciplinary action against the Institute will be initiated by the NBA. In case, any false statement/information is observed during pre-visit, visit, post-visit and subsequent to grant of accreditation.

Head of the Institute

Name: Prof. Ravindra Kumar Pandey

Designation: Professor & Principal

Signature:



Seal of the Institution:



Place : Raipur

Date : 16-06-2025 16:20:56

| Sl. No. | Assessment Parameters | Marks | |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------|-------------|
| | | Prescribed | Institute |
| 9.1.1 | Governing body, administrative setup, functions of various bodies, service rules procedures, recruitment and promotional policies | 10 | 10 |
| 9.1.2 | Decentralization in working and grievance redressal mechanism | 15 | 15 |
| 9.1.3 | Delegation of financial powers | 15 | 15 |
| 9.1.4 | Transparency and availability of correct/unambiguous information in public domain | 10 | 10 |
| 9.2.1 | Adequacy of budget allocation | 10 | 10 |
| 9.2.2 | Utilization of allocated funds | 15 | 15 |
| 9.2.3 | Availability of the audited statements on the institute's website | 5 | 5 |
| 9.3.1 | Quality of learning resources (hard/soft) | 10 | 10 |
| 9.3.2 | Internet | 10 | 10 |
| TOTAL | | 100 | 100 |
| Percentage | | | 100% |