

भैषज संदेश
**BHAISHAJ
 SANDESH**



Newsletter Published By Columbia Institute of Pharmacy, Raipur, (C.G.), India

NBA Accredited UG Programme (B. Pharm.)
 CPCSEA (New Delhi) approved lab for breeding & experimentation of small animals
 DST-FIST, GOI sponsored PG Programme

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Message from Editor's Desk

Welcome to all the readers.....

We are very happy to introduce volume VI of 9th edition of our bimonthly news letter. As we all know, a newsletter mirrors a college- its vision and mission. It also highlights the event, activities, academic progress and achievements of students. Contribution of teachers and other crucial information related to Pharmacy field are also incorporated in it. In this edition, we have tried to capture the last two months activities. I do hope that the newsletter encourages many more including students to use it as a platform to express their creativity. Please feel free to offer any suggestion for improvement.

Sincerely

Dr. Ravindra Pandey

Editorial Board

1. Dr. Ravindra Pandey
Professor, CIP, Raipur
2. Disha Kesharwani
Assistant Professor, CIP
3. Ms. Ruchi Bhattacharya
Assistant Professor, CIP
4. Ms. Arushi Bhojwani
B. Pharm, 7th Sem

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Columbia Institute of Pharmacy

It's a great pleasure to introduce Columbia Institute of Pharmacy, which is Synonymous to ultimate in Pharmacy education in the state of Chhattisgarh. Columbia Institute of Pharmacy, Raipur is run and managed by Jan Pragati Education Society (JPES), established in the year 2003. Innovation excellence & quality are the driving forces on the vision of Columbia Institute of Pharmacy which has a rich proud heritage of academic excellence. The campus is lavishly spread over acres of lush green land and situated 14 km away from the hustle bustle of the city and just 4 km away from Chhattisgarh state assembly setting unabated efforts to add value in Pharma, Engineering and Management education.



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Medicinal Plant & Pot Decoration Competition

Columbia Institute of Pharmacy organized Medicinal Plant & Pot Decoration Competition on 12th November 2022, in which all the students of our institute took part enthusiastically. In this competition, students decorated the pot in a very creative way. Along with this, information of medicinal plant, Biological Sources and its uses were described by students. After that Students planted medicinal plants in the medicinal garden.



Children's Day Celebration

Columbia Institute of Pharmacy celebrated Children's Day on 14/11/2022 for all the students of College. On the occasion Shri Harjeet Singh Hura, Secretary, JPES, shared various memories of his childhood and motivated the students to achieve their tasks. The students also shared their childhood memories. All the faculties attended the program.



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National Pharmacy Week 2022

Columbia Institute of Pharmacy celebrated 61st National Pharmacy Week (NPW) 2022 From 17 November to 18 November and theme of NPW was “PHARMACY OF THE WORLD – INDIA” in which all the students of our institute took part enthusiastically. Institute organized 5 events for students i.e. Act on the Disease with Video making competition, Power Point Presentation, Scientific Poster Presentation and Fetch the Library Competition. A guest lecture on the theme “Pharmacy of the World- India” was delivered by Dr. Manju Rawat Singh, Associate Professor, UIOP, Pt. Ravishankar Shukla University, Raipur and President of IPGA, Chhattisgarh. Students were benefitted by her knowledge. During the event Shri Harjeet Singh Hura, Secretary Janpragati Education Society and Prof. Amit Roy, Principal, Columbia Institute of Pharmacy along with all faculty members were present.



Foundation Day Celebration

Columbia group of institutions celebrated its 19th foundation day on 19 November 2022. The dignitaries present were Shri Kishore Jadwani, Chairman, JPES, Shri Vijay Jadwani, and Shri Ravinder Hura, Treasurer, JPES, Principals, faculty members, and nonteaching staff of all departments. Management members congratulated all the members for being the part of their successful journey of Columbia group of institutions. They shared their dreams and tasks for the future. Every year on foundation day excellence award is provided to teaching and non-teaching faculty. **Dr. Beena Gidwani** was felicitated by the “Excellence Award for Teaching 2022” and in non-teaching section **Mr. Santosh Drithlahre** received the award for Best Performance 2022”. On this occasion all the staff participated in different activities along with management members. Various competitions were organized in this event and enticing prizes were offered by management to all the winners.



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Industrial Visit

The students of B. Pharmacy 7th Semester visited Sun Pharma Unit-2 at Sikkim to get exposure to the various aspects of drug manufacturing and quality control as well as packaging. The students came to know in detail about Formulation, Evaluation and Pharma Marketing. The officials resolved the queries of the students and provided detailed information about the production. The students took information about manufacturing of tablets and capsules. The aim of industrial visit was to make the students understand what goes within the pharmaceutical industry and to provide a basic contribution to the learning process of development in pharmaceutical industry. The visit was extended from 19/11/2022 to 28/11/2022. The tour was led by Dr. Shashikant Chandrakar, Associate Professor and was supported by the Associate Professors Dr. Pushpa Prasad Gupta, Assistant professor Mr. Sagar Sahu and Ms. Renuka Verma.



*Education is passport to the
Future for tomorrow, belongs to
those who prepare it for today.....*

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NSS Activity

Tobacco Awareness Program

NSS team of Columbia Institute of Pharmacy in association with Community Health Centre Dharsiwa, Raipur, organized an awareness program related to Cigarette and other Tobacco products on 6/12/22. The expert, Dr. Vikas Agrawal, BDS, CHC, Dharsiwa, gave a lecture on COTPA Act (Cigarette and Other Tobacco Products) 2003. He explained about various harmful effects of tobacco and various methods of prevention of its use. Mr. Rajnish Tripathi and Mr. Jeewan Soni, Pharmacist, CHC, Dharsiwa were also present during the program.

School shiksha mitra scheme

Under School Siksha Mitra Program NSS and UBA teams of Columbia Institute of Pharmacy, visited Gayand Ram Verma Govt. H. S. School Nardaha on 10/12/22. The teams shared various informations related to different courses and streams after class 12th to the students of the school.



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DST - STUTI

Columbia Institute of Pharmacy, Raipur organized **Department of Science and Technology - Synergistic Training Program Utilizing the Scientific and Technological Infrastructure (DST STUTI)** Sponsored Seven Days Training Program On “Training on the sophisticated analytical instruments for scientific research and biomedical applications” in Collaboration with Institute of Chemical Technology (ICT), Mumbai from December 12-18, 2022. The training combined with hands-on experience, is a useful combination that helps the participants to understand the latest analytical techniques and apply them in their daily operations. The inaugural function of the program was enriched by the presence of chief guest Resp. Prof. Shailendra Saraf, Professor, University Institute of Pharmacy, Pt. Ravishankar Shukla University Raipur (C.G.) and Guest of Honor and Key note Speaker Resp. Prof. Pradeep R. Vavia Director, ICT-IOC Bhubaneswar. The details of lectures are enlisted in table below.

Details of Lectures

**Prof. Pradeep R. Vavia Director, ICT-IOC
Bhubaneswar**

**Topic: “Importance of Analytical Instruments during
Stability Study in Formulation Development: Case
Study”**



**Dr. Beena Sidwani, Associate Professor, Columbia
Institute of Pharmacy, Raipur
Topic: “Principle and Mechanism of
Particle size and Zeta potential
working of Litesizer 500”**

**Prof. Ravindra Kumar Pandey Professor, Columbia
Institute of Pharmacy, Raipur
Topic: “Demonstration of Super Critical Fluid
Extractor”**



**Prof. Amit Roy, Principal Columbia Institute of
Pharmacy, Raipur, C.G
Topic: “A practical guide on Application of TLC in
Study of Photochemical”**

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**Dr. Dilip Gore, Director, Sai Biosystems lab Pvt Ltd.
Nagpur**
Topic: “Utility of Bioinformatics Tools in Genetics”



**Dr. Ajazuddin, Principal, Rungta College of
Pharmaceutical Sciences and Research, Bhilai.**
Topic: “Interpretation of IR Spectra”

**Dr. Amber Vyas, Associate Professor, University
Institute of Pharmacy, Pt. Ravishankar Shukla
University, Raipur (C.G.)**
Topic: “Mechanistic Insights into Co-crystals
Disappropriation in Formulation: Role of Excipients”



**Dr. Nagendra Singh Chauhan, Senior Scientific
Officer, Drug Testing Laboratory and Research
Centre (AYUSH), Raipur.**
Topic: “Demonstration of HPTLC”

Dr. Sanjay Sharma, Associate Professor, NMIMS
Topic: “Insights into Analytical Techniques and
Instrumentation for New Drug Development:
Opportunities and Challenges”



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Dr. Sanjay J. Daharwal, Professor, University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.)
Topic: "Internal Standards and its Role in HPLC Analysis"

Dr. Rishi Paliwal, Assistant Professor, from Department of Pharmacy, IGNTU, Amarkantak M.P.
Topic: "Emergence of Nanomedicine in 21st Century"



Dr. Trilochan Satapathy, Professor, University College of Pharmacy, Ayush University, Raipur
Topic: "Animal Handling"

Prof. Shiv Shankar Shukla
Columbia Institute of Pharmacy, Raipur
Topic: "Insights on Analytical Method Development and Validation: Challenges of Scientific Research"



Prof. Manjunath Ghate, Professor, National Forensic Sciences University, Gandhinagar
Topic: "Infrared Spectroscopy"

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Saturday Activities: Short video making competition and Sports Activity

Columbia Institute of Pharmacy, Raipur organizes different activities for students on every Saturday. Short Video making competition on the theme “College Campus”, Tug of war, short put, and kabaddi were organized in the month of December. In video making competition students prepared innovative videos of college campus. They also participated and enjoyed in sport activities. And in folk dance competition the students presented various folk dance forms.



“Sports are an incredibly important part of our culture. Sports give us the opportunity to be our best and push our limits.”

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ACHIEVEMENTS

Paper Publication

1. **Ms. Poonam Sahu** published a paper titled "A review of Herbal flora of Chhattisgarh and its utilization by the tribal's for Medicinal Purposes" in Indian Journal of Natural Sciences, December 2022, 13(75) along with **Dr. Pushpa Prasad Gupta, Prof. Amit Roy, Dr. Shashikant Chandrakar, Dr. Bibekanand Meher, Mr. Akhilesh Kumar, and Shiv Kumar Bharadwaj.**
2. **Dr. Ravindra Kumar Pandey** published a paper titled "Solid Dispersion of Dolutegravir: Formulation Development, Characterization, and Pharmacokinetic Assessment" in International Journal of Pharmaceutical Quality Assurance. 2022; 13(4):496-503 along with Dr. Shiv Shankar Shukla, Dr. Bina Gidwani and Ms. Monika Bhairam.

Book Chapters Publication

1. **Dr. Shiv Shankar Shukla** published a book chapter entitled "**Indian Expedition against Covid-19 through Traditional Drugs in Herbal Immunity Boosters against COVID-19**, under **Bentham Science Publishers Ltd**, along with Dr. Ravindra Kumar Pandey, Rupesh Kumar Pandey, Sokindra Kumar, Lubhan Singh, Priyanka Pandey, and Rakesh Sagar.
2. **Dr. Beena Gidwani** published a book chapter entitled **Polymeric nanoparticle as Drug Delivery System: Basic Concepts and Applications**", under **Bentham Science Publishers Pte. Ltd. Singapore**, along with Dr Shiv Shankar Shukla, Dr. Ravindra Kumar Pandey, Dr. Amber Vyas, Dr. Vishal Jain, Ms.Sakshi Tiwari, Ms. Priya Namdeo, Veenu Jain, Vikas Kumar Jain and Atul Kumar Tripathi.
3. **Dr. Beena Gidwani** published a book chapter entitled, "**Nanocarriers for Drug Targeting**", under **Bentham Science Publishers Pte. Ltd. Singapore**, along with Ms. Varsha Sahu, Ms. Priya Namdeo, Ms.Sakshi Tiwari, Atul Kumar Tripathi, Dr. Ravindra Kumar Pandey, Dr Shiv Shankar Shukla, Veenu Joshi, Dr. Vishal Jain, Mr. Suresh Thareja, and Dr. Amber Vyas.
4. **Dr. Beena Gidwani** published a book chapters entitled "**Lipoidal Carrier as Drug Delivery System**" under **Bentham Science Publishers Pte. Ltd. Singapore**, along with Ms. Priya Namdeo, Ms.Sakshi Tiwari, Atul Kumar Tripathi, Dr. Ravindra Kumar Pandey, Dr Shiv Shankar Shukla, Veenu Joshi, Dr. Vishal Jain, Mr. Suresh Thareja, and Dr. Amber Vyas.

Keynote speaker

1. **Dr. Beena Gidwani** participated as resource person for the "Demonstration on the principle and working of particle size and zeta potential in Litesizer 500" in **DST STUTI ICT** Sponsored Seven Days "Training Program on Training on the "sophisticated analytical instruments for scientific research and biomedical application" organized by Columbia Institute of Pharmacy, Raipur, on **12th – 18th Feb 2022**.
2. **Prof. Amit Roy** participated as resource person and delivered a lecture on "A Practical on Application of Thin Layer Chromatography in study of Phytochemicals" in **DST STUTI ICT** Sponsored Seven Days Training Program on Training on the "sophisticated analytical instruments for scientific research and biomedical application" organized by Columbia Institute of Pharmacy, Raipur, on **12th – 18th Feb 2022**.
3. **Prof. Ravindra Kumar Pandey**, participated as resource person for the "Demonstration on the principle and working of Supercritical Fluid Extractor" in **DST STUTI ICT** Sponsored Seven Days Training Program on Training on the "sophisticated analytical instruments for scientific research and biomedical application" organized by Columbia Institute of Pharmacy, Raipur, on **12th – 18th Feb 2022**.
4. **Prof. Shiv Shankar Shukla**, participated as resource person and delivered a lecture on "Insights on Analytical Method Development and Validation: Challenges of Scientific Research" in **DST STUTI ICT** Sponsored Seven Days Training Program on Training on the "sophisticated analytical instruments for scientific research and biomedical application" organized by Columbia Institute of Pharmacy, Raipur, on **12th – 18th Feb 2022**.
5. **Prof. Ravindra Kumar Pandey**, participated as resource person for the "Opportunities and Challenges in Drug Discovery through Plant Sources" in **DST STUTI ICT** Sponsored Seven Days Training Program on Training on the "sophisticated analytical instruments for scientific research and biomedical application" organized by Columbia Institute of Pharmacy, Raipur, on **28th Nov 2022**.
6. **Prof. Shiv Shankar Shukla**, participated as resource person and delivered a lecture on "Perspective of Analytical Method Development and Validation in Scientific Research" in **DST STUTI ICT** Sponsored Seven Days Training Program on Training on the "sophisticated analytical instruments for scientific research and biomedical application" organized by UIOP,Pt. R.S.U. Raipur, on **25th Nov 2022**.

Students' Achievements

1. **Anugrah Samnway Tandi**, student of B. Pharm 7th Sem, won **2nd Prize in Chhattisgarh State Round of National Elocution Competition 2022**, organized by **Indian Pharmaceutical Association** at University Institute of Pharmacy, Raipur Chhattisgarh.

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Causerie Crimean Congo haemorrhagic fever

Crimean–Congo hemorrhagic fever (CCHF) is a tick-borne disease caused by the arbovirus Crimean–Congo hemorrhagic fever virus (CCHFV), which is a member of the *Nairovirus* genus (family *Bunyaviridae*). CCHF was first recognized during a large outbreak among agricultural workers in the mid-1940s in the Crimean peninsula. The disease now occurs sporadically throughout much of Africa, Asia, and Europe and results in an approximately 30% fatality rate. After a short incubation period, CCHF is characterized by a sudden onset of high fever, chills, severe headache, dizziness, back, and abdominal pains. Additional symptoms can include nausea, vomiting, diarrhea, neuropsychiatric, and cardiovascular changes. In severe cases, hemorrhagic manifestations, ranging from petechiae to large areas of ecchymosis, develop. Numerous genera of ixodid ticks serve both as vector and reservoir for CCHFV; however, ticks in the genus *Hyalomma* are particularly important to the ecology of this virus. In fact, occurrence of CCHF closely approximates the known world distribution of *Hyalomma* spp. ticks. Therefore, exposure to these ticks represents a major risk factor for contracting disease; however, other important risk factors are known and are discussed in this review. In recent years, major advances in the molecular detection of CCHFV, particularly the use of real-time reverse transcription-polymerase chain reaction (RT-PCR), in clinical and tick samples have allowed for both rapid diagnosis of disease and molecular epidemiology studies. Treatment options for CCHF are limited. Immunotherapy and ribavirin have been tried with varying degrees of success during sporadic outbreaks of disease, but no case-controlled trials have been conducted. Consequently, there is currently no antiviral treatment for CCHF approved by the U.S. Food and Drug Administration (FDA). However, renewed interest in CCHFV, as well as increased knowledge of its basic biology, may lead to improved therapies in the future. This article reviews the history, epidemiology, ecology, clinical features, pathogenesis, diagnosis, and treatment of CCHF. In addition, recent advances in the molecular biology of CCHFV are presented, and issues related to its possible use as a bioterrorism agent are discussed.

Ms. Bhumika Verma
Assistant Professor, CIP, Raipur

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GPAT Quiz- 18

1. The drug of choice for enteric fever is.....
a) Ciprofloxacin b) Ampicillin c) Amikacin d) Tetracyclin
2. Exenatide is used in the treatment of.....
a) Cancer b) Diabetes c) Peptic ulcer d) Meningitis
3. The preparation of solution to be filtered is manufactured in the area having the grade:
a) A b) B c) C d) D
4. A tooth paste contains stannous fluoride and calcium pyrophosphate along with other formulation constituents. Choose the correct statement from following:
a) SnF₂ is anticaries while calcium pyrophosphate is dentifrice
b) SnF₂ is dentifrice while calcium pyrophosphate is a desensitizing agent.
c) SnF₂ is a desensitizing agent while calcium pyrophosphate is anticaries agent.
d) Both are dentifrices while calcium pyrophosphate is additionally a desensitizing agent.
5. According to USP the speed regulating device of Dissolution apparatus should be capable of maintaining the speed within the limits of what percent of the selected speed?
a) 1% b) 2% c) 3% d) 4%
6. Mesna is given with Cyclophosphamide to-
a. Increase absorption
b. Ameliorate hemorrhagic cystitis
c. Decrease excretion
d. Decrease metabolism
7. Finger print region is characteristic of the organic compound. Identify it
a) 3000-1400 cm⁻¹ b) 1400-666 cm⁻¹ c) 2100-1600 cm⁻¹ d) 2800-1400 cm⁻¹
8. A patient suffering from Aids is on Zidovudine, Lamivudine and Indinavir therapy. He develops pulmonary tuberculosis for which treatment is started. Which of the following should be avoided in him?
a) INH b) Ethambutol c) Pyrizinamide d) Rifampicin
9. Which of the following antineoplastic drug is a peptide?
a) Aspartame
b) Valinomycin
c) Dactinomycin
d) Bleomycin
10. Which of the following antitumor drugs is not an alkylating agent?
a) Cyclophosphamide
b) Busulphan
c) 5-FU
d) Melphalan

Answer key Quiz 17: 1.(a) 2. (a) 3.(b) 4.(a) 5.(d) 6.(a) 7.(a) 8.(c) 9.(a) 10.(c)

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Students' Thought

Dance

Open your heart to happiness.
Let every pore absorb light.
Swim in the joy of the here and now,
And cast off the darkness of night.
Walk in the summer of sunshine.
Fly in the blueness of sky.
Know possibilities are boundless.
Understand that nothing can die.
Step from the shadows of torment.
Sing 'til your throat gets too sore.
Smile for as long as the day is,
And laugh just a little bit more.
Breathe slowly and deeply and listen.
Give all your ideas a chance.
Let the sun beat down on your
goodness,
And kick off your shoes and dance.

Renukant
B.pharm 7th Sem

Live Life

Life is crazy
And totally unpredictable...
It's going to push you over,
Kick you while you're down,
And hit you when you try to get back up.
Not everything can beat you.
Things are going to change you,
But you get to choose which ones you let change you.
Listen to your heart,
Follow your dreams,
And let no one tell you what you're capable of.
Push the limits,
Bend the rules,
And enjoy every minute of it.
Laugh at everything.
Live for as long as you can.
Love all,
But trust none.
Believe in yourself,
And never lose faith in others.

Raghunath
B.pharm 7th Sem

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New Drug Approved in 2021 Sunlenca

Company: Gilead Sciences, Inc.

Approval Status: Approved 22/12/2022

Specific Treatments: HIV Infection.

Mechanism of Action

Sunlenca is the first of a new class of drugs called capsid inhibitors to be FDA-approved for treating HIV-1. Sunlenca works by blocking the HIV-1 virus' protein shell (the capsid), thereby interfering with multiple essential steps of the viral lifecycle. Sunlenca's starting dose is given as oral tablets and subcutaneous injections, followed by maintenance injections every six months; Sunlenca is given in combination with other antiretroviral(s).

Side Effects

Nausea and injection site reactions.

Inspiring Quotes:-

- 1. Teachers can open the door, but you must enter it yourself.*
- 2. The beautiful thing about learning is that no one can take it away from you.*
- 3. Education is the most powerful weapon you can use to change the world.*
- 4. A person who never made a mistake never tried anything new.*
- 5. The expert in anything was once a beginner.*

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Less Known Facts About Traditional Food

Sonth Ke Ladoo

Ginger powder, or sonth, is used in a number of sweets and savouries. It not only enhances the flavour but also makes them more nutritious. Sonth is also made into ladoos in Indian households and are consumed during winters. number of benefits of consuming sonth ka ladoo during winters: Boosts Immunity: Ginger powder has anti-inflammatory and anti-bacterial properties, due to which it is extensively used during winters to improve immunity. Relieves Cold And Sore Throat: Consuming fresh ginger and ginger powder can help combat cold and sore throat during winters. Prevents Gas And Other Digestive Troubles: Consuming sonth during winters can keep gas, flatulence and other digestive ailments at bay. This ladoo can be given to new mothers to help them with bringing their energy levels back up and assists the mother with lactating better.

Recipe: heat 1 tablespoon ghee in a heavy bottomed pan. Add gond and fry it on low flame until it puffs up and turns slightly brown in colour. Remove from pan and transfer to a plate. Add remaining ghee into the same pan.. Remove it into a wide bowl. Add ginger powder and roast for about a minute or until the powder releases nice aroma. Remove from pan and add into the bowl containing whole wheat flour. Next dry roast grated dry coconut for a minute and then transfer into the wheat flour bowl. Add the broken jaggery pieces into the same pan and heat it until melted. Once fully melted filter it to remove any impurities. Pour the filtered jaggery syrup into the whole wheat flour bowl. Grind almonds and cashews into coarse powder and chop the pistachios. Add all the nuts into the bowl. Add it to the bowl as well. Mix all the ingredients well. Wait until heat reduces to bearable amount to touch. Make lemon sized balls and shape them into round shapes. Store Whole Wheat Sonth Ke Ladoo in an airtight container, as they stay good for about 3 to 4 months.

Nutritional value:

Nutrients Value	Value per ladoo
Energy	263Cal
Protein	2.4g
Carbohydrate	27.6gm
Fiber	1.6mg
Fat	16mg
Cholesterol	0mg

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Plants with Health Benefits

Santalum album (Sandalwood)

Synonyms: commonly known as chandanam, *candrah*, white or East Indian sandalwood and heartwood.

	Kingdom:	Plantae
	Order:	Santalales
	Family:	Santalaceae
	Genus:	<i>Santalum</i>
	Species:	<i>S. album</i>
	Nutritional value per 100 g (3.5 oz)	
Total Fat		0.12
Cholestrol		Nil
Total Carbohydrate		1.87
Protein		8.75
Vitamin c		0.1
water		57.6

Morphology:

The height of the evergreen tree is between 4 and 9 metres. They may live to one hundred years of age. The tree is variable in habit, usually upright to sprawling, and may intertwine with other species. The reddish or brown bark can be almost black and is smooth in young trees, becoming cracked with a red reveal. The heartwood is pale green to white as the common name indicates. The leaves are thin, opposite and ovate to lanceolate in shape. Glabrous surface is shiny and bright green, with a glaucous pale reverse.

Chemical Composition :

The main chemical constituents of the Sandalwood oil consists of about 80% α -santalol and β -santolol, predominantly the former, which are sesquiterpenes.

Uses:

sandalwood oil has been used with other therapies to help manage the common cold, urinary tract infections, liver and gallbladder problems, digestive problems , muscle problems, mental disorders, hemorrhoids, scabies. Sandalwood's scent also makes it a popular choice for perfumes and aromatherapy. In aromatherapy, aromatic oils are used to promote mental and physical health outcomes. Many ancient cultures practiced aromatherapy.

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Upcoming **EVEN**T**S**

1. Saturday Activities

- (i) Library, medicinal garden and machine room visit for new students**
- (ii) Lecture on NSS**
- (iii) Lecture on Unnat Bharat Abhiyaan**
- (iv) Lecture on Rotary Club**
- (v) Kite making and flying competition**
- (vi) Poem competition**
- (vii) Essay competition**
- (viii) Act play competition**

2. Republic Day Celebration

3. Basant Purnami Celebration

4. Annual Sports and Colors

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