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“NUTRACEUTICAL INDUSTRY- SCOPE AND OPPORTUNITIES”

Resource Person: 1. Dr. Febin Pappachan

Sr. Manager, R and D, Aurea Biolabs Pvt. Ltd., Kolenchery
(A Division of Plant Lipids, one of the largest manufacturers of Natural Flavour, Colour and Fragrance ingredients since 1979.)

2. Dr. Bhagyashri Surendra Parab

Asst. Manager R & D, Aurea Biolabs Pvt. Ltd. Kolenchery

Organised by: Department of Pharmacognosy and Institution's Innovation Council

Venue: Auditorium, St. James Medical Academy

Date and Time: 3rd September 2024, 2 pm to 4 pm

Audience: IV, VI, and VII semester B. Pharm, M. Pharm students and B. Pharm Alumni

No of participants: 132





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Department of Pharmacognosy and Institution's Innovation Council (IIC) has conducted a seminar on "Nutraceutical Industry- Scope and Opportunities". **Dr Prasanth B welcomed the gathering and introduced the speaker.**

The seminar was conducted in 2 sessions, in 1st session the resource person, Dr. Febin Pappachan discussed about the "Research Avenues in Herbal Drug Industry". In 2nd session Dr. Bhagyashri Surendra Parab discussed about the scope and opportunities of pharmacy profession in nutraceuticals industry.

The objective of the seminar was to know in detail about the scope and opportunities of pharmacy graduate in nutraceutical industry.

Dr Dineshkumar B honoured the resource person with memento and certificate. Mrs. Silvipriya K S, Asst. professor has proposed the vote of thanks.

Seminar on "Global Need of Medicinal Plants"

Resource Person: Dr T L Hrideek, MD, Oushadhi Pharmaceutical Corporation Ltd, and CEO, Kerala State Medicinal Plants Board."



Dr Prasanth B welcomed the gathering. Dr. Hrideek elaborated the concepts of Conservation Biology, Invasion Biology and Standardisation of herbal drugs. Dr. discussed in detail how an allochemical which was identified as a growth inhibitor was developed as a weedicide by the efforts and research done by a student. Sir explained the activities being carried out in Oushadhi to develop research skills in students. Sir explained regarding the Entrepreneurship opportunities in cultivation of medicinal plants and the activities taken forward by Kerala State Medicinal Plants Board in this regard. Dr Hrideek added on regarding the activities conducted by Kerala Forest Research Institute for fostering conservation of different plant species. Students interacted with the resource persons after the class and obtained valuable advice in this regard. **Dr Prasanth B, honoured the resource persons with memento and certificate.**



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Session on Problem Solving and Ideation

13/12/24

IIC and IEDC has organised a training program on 13/12/2024. Dr Prasanth B, IIC Convenor welcomed the gathering. Dr Krishnakumar K, Principal inaugurated the program. The Resource person was Mr Sharone K M, Administrative Officer, Sree Sankaracharya University of Sanskrit, Kalady. Sir explained in detail the Problem Solving Skills to be nurtured in student projects and activities. He also explained regarding how effective solutions can be proposed for matters related to real life problems that we come across and how students can effectively contribute to this. Ms. Theertha S V, Asst Professor proposed the Vote of Thanks.





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Seminar on “Go beyond Dispensing: Innovations in Clinical Pharmacy”

The objective of the program includes the following

- To acquaint students with Innovative Practices in Clinical Pharmacy.
- To utilise the innovations of technology in the practice of Pharmacy.

Dr Prasanth B, IIC Convenor welcomed the gathering. Fr. Sojo Kannampuzha, Associate Director, St James' Medical Academy inaugurated the program. Dr Krishnakumar K, Principal and IIC President



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inaugurated the program. The Resource person was Mr. Jacob Nicholas: M.Pharm, Registered Intern Pharmacist, Michigan Dept. Of Community Pharmacy, USA. The speaker explained in detail the newer innovations in Clinical Pharmacy and Pharmacy Practice. Sir shared his experience in Community Pharmacy in USA as well. He introduced regarding newer softwares which can help the clinical pharmacists to excel in their practice. The importance of innovative practices which is essential in health technology is discussed. He urged students to make key contributions in the sector by making innovative concepts and apply advancements of AI in the practice. Dr Krishnakumar K, Principal and IIC President honoured the Resource Person with memento and certificates. Ms. Malavika Hariharan, V PharmD student proposed the Vote of Thanks.



Dr Krishnakumar K, Principal inaugurating the Seminar



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Mr Jacob Nicholas on the topic “ Go Beyond Dispensing : Innovations in Clinical Pharmacy”



Dr. Lincy George , HOD, Pharmacy Practice honouring the Resource Person.

Seminar on “Phytomedical Sciences: Innovations and Opportunities”
Resource Person:

Ms. Priya Prasannakumar

Microbiologist-R and D



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Oushadhi- The Pharmaceutical Corporation Ltd., Thrissur

Profile of the Resource Person:

With 15+ years of experience in academia as a Lecturer in Microbiology and Biotechnology and 8+ years in industrial R&D, She has dedicated her career to scientific research, teaching, and innovation. Her expertise spans microbiology, biotechnology, and Ayurvedic research, with a focus on antimicrobial studies, sustainable solutions, and bio-based interventions.

Key Research Contributions:

- ✓ Co-author of a prestigious book chapter published by Springer
- ✓ Development of an Ayurvedic medicated fabric rinse for respiratory infections (Global Ayurveda Festival)
- ✓ Fumigation interventions using Aparajitha Dhooma Choornam (Published in AYUSHDHARA)
- ✓ Antimicrobial efficacy studies of hand sanitizers developed by Oushadhi (AYUSHDHARA)
- ✓ Utilizing Momordica charantia waste as biofertilizer (Presented at the 32nd Kerala Science Congress)
- ✓ Exploration of phosphate-solubilizing bacteria (DBT submission)

- ✓ Ethnomedicinal plant studies for antimicrobial effects (UGC-sponsored project)
- ✓ Research on indigenous plant-based bio-pesticides (State-level paper presentation)



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 **INSTITUTION'S INNOVATION COUNCIL**
(Ministry of Education Initiative)

 **INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE**

In association with
Department of Pharmacognosy
Organizing a Seminar

**PHYTOMEDICAL SCIENCES:
INNOVATIONS & OPPORTUNITIES**

By
 **Ms. Priya Prasannakumar**
Microbiologist- R&D Oushadi
The Pharmaceutical Corporation

 02 April 2025  10:30 AM

 Multimedia

 dhakirasjcops

IIC has organised a Seminar on “**Phytomedical Sciences: Innovation and Opportunities**”. The event objectives were

1. To gain an insight into Opportunities and Innovations in Phytomedicines
- b. To motivate students to take up research on Phytochemicals. Dr Prasanth B, IIC Convenor welcomed the gathering.

Dr Krishnakumar K, Principal inaugurated the program. The Resource person was Ms. Priya Prasannakumar, Microbiologist R and D, Oushadhi, The Pharmaceutical Corporation Ltd., Thrissur. Dr Priya explained in detail the history of Pharmacognosy and how natural drugs act as model for synthesis of pure phytopharmaceuticals. She explained how one can bring out innovations in phytomedicines and nutraceuticals and cited it with different examples. She also explained in detail regarding patent aspects of herbal drugs. She elaborated on herbal drug industries as Sami Labs citing their innovative phytopharmaceutical products and patents which serve as a model for researchers and innovators in the field.

Dr Krishnakumar K, Principal and IIC President honoured the Resource Person with memento and certificates. Ms. Anupam Gowri K, VII Semester B.Pharm student proposed the Vote of Thanks.



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Dr Priya Prasannakumar on the topic “Phytomedical Sciences: Innovation and Opportunities”



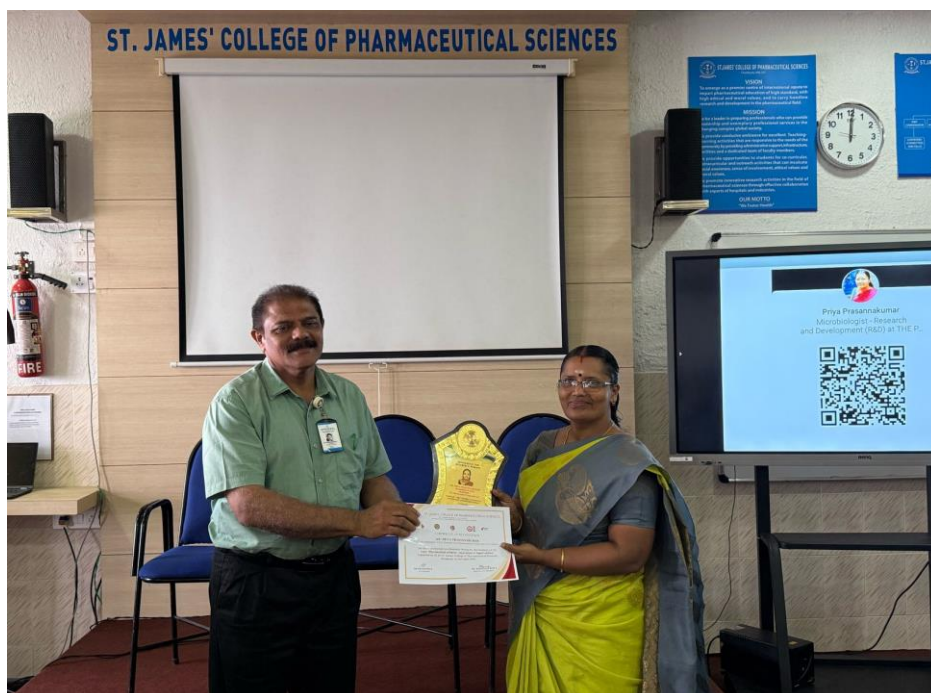
View of the audience.



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A view of the Seminar



Dr Krishnakumar K , Principal honouring the Resource Person.



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**SOCIAL ENTREPRENEURSHIP : ANTIMICROBIAL RESISTANCE AWARENESS WEEK -
2024
16/11/2024-20/11/2024**

On 16 th November as a part of Antimicrobial Resistance Awareness Week celebration Chart making competition was organized by Pharmacy Practice Department of St.James' College of Pharmaceutical Sciences Chalakudy.6 teams participated from various B.pharm and Pharm batches. The program started by 10:30 am and duration was 2 hours.

On 18th November Antimicrobial Resistance Week Inaugural function had taken place at Taluk Headquarters Hospital Chalakudy, organized by Taluk Headquarters Hospital Chalakudy and St.James' College of Pharmaceutical Sciences ,Chalakudy . The official program began around 10 am. Welcome address was given by Pharmacist Dr. Sabna M. Presidential address by Medical Superintendent Dr. Minimol A .A and Inaugural address was given by Municipal Council Vice Chairperson Mrs. Alice Shibu. Inaugural address was followed by lamp lighting ceremony. Felicitation was done by Lay Secretary Mr. Manoj Abraham. Vote of thanks was delivered by HOD Pharmacy Practice Department Dr. Lincy George. An awareness class on Antibiotic Resistance was taken by Miss Malavika Hariharan 5th Pharm D student followed by a skit organized by Pharmacy Practice Department. Word Finder game was organized by Miss Neethu to engage the people followed by introducing Drug for the Day.

On 19 th November Taluk Headquarters Hospital Chalakudy and Pharmacy Practice Department of St.James' College of Pharmaceutical Sciences Chalakudy organized community awareness programs on Antibiotic Resistance. Miss Nakshatra and Miss Aiswarya of 5th Pharm D took an awareness class at the government hospital followed by introducing the Drug of the Day by Jocili 5th Pharm D. B.Pharm 2023 batch performed a flashmob at Chalakudy market and small rally was arranged to make the people aware. To throw more light upon common people a skit was also organized by Pharmacy Practice Students at the Private Bus stand Chalakudy. An awareness class on the topic was taken by Miss Emi Maria C Baijo for students of St.James' Institute of Allied Health Sciences Chalakudy on the same day.



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On 20 th November along with Antimicrobial Resistance Awareness week celebrations combined with St.James' College of Pharmaceutical Sciences and Taluk Headquarters Hospital Chalakudy 'Oushadavinjan 2024' has been inaugurated. The official program began with welcome address by Principal St.James' College of Pharmaceutical Sciences Chalakudy Dr.K.Krishnakumar .Followed by presidential address Medical Superintendent Taluk Headquarters Hospital Chalakudy Dr.Minimol A.A. Inaugural address by Municipal Vice Chairperson Mrs.Alice Shibu and Chief Guest for the day was Municipal Standing committee chairman Advocate Biju Chirayath. Felicitation given by Store Superintendent Mrs. Radhika T.K and Nursing Superintendent Mrs. Nazim Hussain. Vote of thanks delivered by Dr.Sabna M. The exhibits of various departments have been arranged where it is open for public to gain knowledge and clear doubts. An awareness class on Antimicrobial Resistance was given by Miss Malavika Hariharan of 5th Pharm D. Followed by drug of the day by Miss Temi Biju of 5th Pharm D. Survey and PIL distribution among the patients. On the very same day students of 5th Pharm D took an awareness class at Government Model Higher Secondary School Chalakudy also organized memory game and word finder game to engage them.

On 21st November was 2nd day of Oushadavinjan along with that Antimicrobial Resistance Awareness week celebrations took place at Taluk Headquarters Hospital Chalakudy. An awareness class on COPD was given by Miss Malavika Hariharan of 5th Pharm D as November 20 is World COPD Day. Followed by drug of the day by Miss Christeena Jaison of 5th Pharm D. Word finder game and memory game was organized at Taluk Headquarters Hospital Chalakudy. An awareness class on Antimicrobial Resistance was given by Miss Emi Maria C Baijo 5th Pharm D. A patient education were given at the wards Of Taluk Headquarters Hospital Chalakudy with the help of charts.

On 22nd November as a part of Antimicrobial Resistance Awareness Week an Intercollege Quiz competition and Elocution Competition was organized by Pharmacy Practice Department of St.James' College of Pharmaceutical Sciences Chalakudy. Quiz Competition was conducted in the 3rd Pharm D classroom and 8 teams participated in the competition. Elocution was held at the Multimedia room and 11 participants were there.

On 23rd November Valedictory Function of NPW was organized at the college Auditorium. The program began by 9:30 am. Welcome Address was given by Principal St.James' College of Pharmaceutical



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Sciences, Chalakudy Dr. K. Krishnakumar. Presidential Address by Director, St.James' Hospital Trust Rev. Dr. Anto Alappadan. Inaugural Address by Standing Committee Chairman Health, Mr. Deepu Dinesh. Chief Guest for the day was Superintendent, Taluk Headquarters Hospital Chalakudy. Glimpse of National Pharmacy Week given by HOD Pharmacy Practice Department Dr.Lincy George. Felicitations by Principal St.James' College of Nursing Chalakudy, Rev. Sr. Jijimole Mathew and Store Superintendent Taluk Headquarters Hospital Chalakudy Mrs.Radhika T.K. Honoured Mr Subramaniyan C Pharmacy store keeper for his dedicated service in GH. Pharmacy Practice Newsletter has been released. Certificates were distributed for various competitions organized as part of AMR Awareness week. Vote of Thanks delivered by Pharmacist,Taluk Headquarters Hospital Chalakudy, Dr.Sabna M.

Chart Making Competition held at SJCOPS



Inauguration of AMR week celebration at THQH Chalakudy





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Rally organized by THQH & SJCOPS

Skit by Pharm D students at bus Stand, Chalakydy



Inauguration of Oushada Vinjan 2024 at THQH Chalakydy

Oushada Vinjan 2024





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Creating Awareness on Antibiotic Use in the wards of THQH Chalakudy and Distribution of PILs.



Inter college Quiz Competition as a part of AMR Awareness week celebration



Inter college Elocution Competition as a part of AMR Awareness week





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Inauguration of Valedictory function at SJCOPS



Honoured Mr Subramaniyan C Pharmacy store keeper





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Social entrepreneurship

14/12/24

Name of the activity	Organizedbyunit/ Coorganised by unit /Collaborating agency	Duration	Academic Year of the activity	Number of students participat ed
One Day Multispeciality Medical Camp “ Karuthalay Ernakulam” organised by Sri T J Vinod , MLA, Ernakulam and IMA, Ernakulam	Organised by: IIC	8 hours	2024-2025	14

16 students and two faculty of St James College of Pharmaceutical Sciences participated in the One Day Multispeciality Medical Camp “ Karuthalay Ernakulam” organised by Sri T J Vinod , MLA, Ernakulam on 14/12/24.

As per the communication dtd. 7/12/2024 (EKM/MLA/765/2024) got eighteen students of our college from M.Pharm and PharmD and two faculty participated as supporting staff for dispensing medicines in the **Medical Camp “ Karuthalay Ernakulam 2024”** at **Rajiv Gandhi Indoor stadium, Kadavanthra** on 14/12/24 Sunday

I Semester M.Pharm

- 1.Mr. Amal A G
- 2.Mr. Marius Selestine

III Sem M.Pharm

- 3.Ms. Aiswarya Antony
- 4.Ms. Ann Maria Devassy
- 5.Ms. Anaswara V S
- 6.Ms. Nidhy Susan Finny

I Year PharmD PB

- 7.Mr.Tom Varghese
- 8.Ms.Alfa Raphy



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9.Ms.Jomariya Joseph

10.Ms.Anu Mariya P Sebastian

V Year PharmD

11.Ms. Malavika Hariharan

12.Ms. Nakshatra Antony Yesudas

13.Ms. Jocili Joseph

14.Ms. Aldreena Jans

Faculty

1.Dr Prasanth B

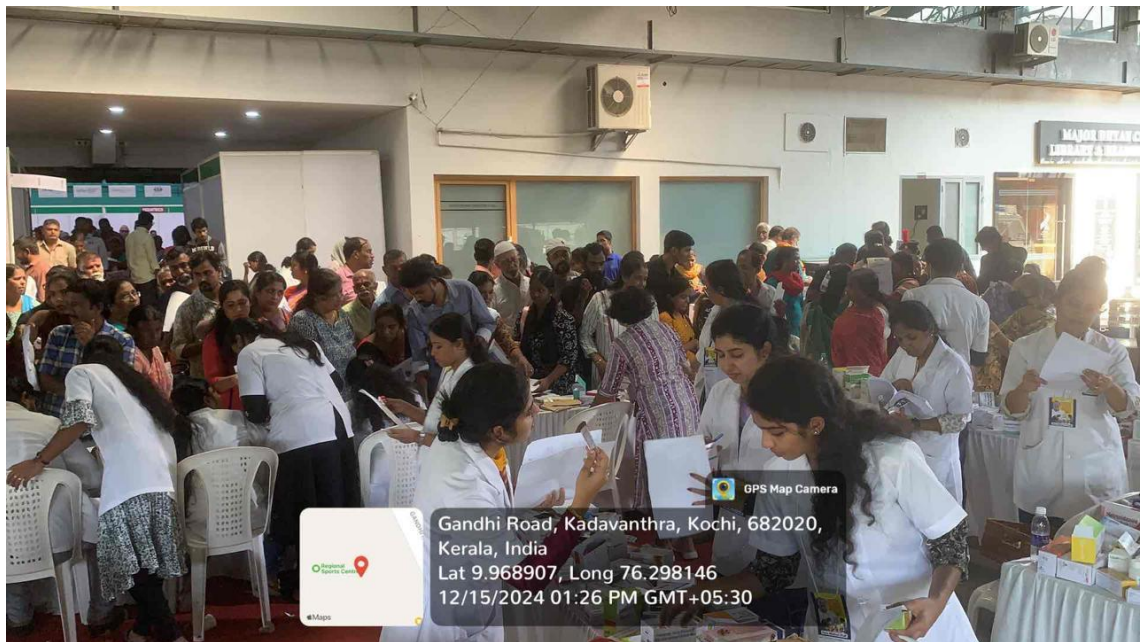
2.Mr. Varun Dev I K

The venue was Rajeev Gandhi Indoor sport complex, Kadavanthara. The event was inaugurated by Sri K Venugopal, M.P, Rajya Sabha. Sri Hybee Eaden MP. Ernakulam presided over the function. Sri T J Vinod MLA , Ernakulam Constituency felicitated the gathering. The camp started by 8.00 am . Around 500 prescriptions were dispensed by the students. It was a good exposure for the students to interact directly with the patients and council them regarding the usage of medicines and precautions. The camp finished by 3 pm.





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Out Reach Program: Social Entrepreneurship

02/02/25

Name of the activity	Organizedbyunit/ Coorganised by unit /Collaborating agency	Duration	Academic Year of the activity	Number of students participat ed
One Day Multispeciality Medical Camp “ Snehasparsham” organised my K J Maxy, MLA, Kochi and IMA, rnakulam	Organised by: IIC	8 hours	2024-2025	18

Report

As per the communication dtd. got seventeen students and three faculty of our college from M.Pharm and PharmD and two faculty participated as supporting staff for dispensing medicines in the Snehasparsam” organised by Sri K J Maxy, MLA, Ernakulam on 02/02/25.

Pharm D Interns



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1. Amal roy
2. Angel Ros Jeesan
3. Anattellin Martin
4. Ashi Krishna
5. Azma Nayeem Khanam
6. Athul Krishna
7. Benson P Wilson
8. Blessy Biju
9. Breeze M Babu
10. Dhilna Augustus
11. Divin Prince
12. Melvin Devassy
13. Sona Jose
14. Sona Sojan
15. Sneha Jiby
16. Adlin D'cruz

V PharmD

17. Malavika Hariharan
18. Nakshatra Antony Yesudas

Faculty

1. Dr Prasanth B
2. Mr. Varun Dev I K
3. Dr Krishnaprabha C

17 students and three faculty of St James College of Pharmaceutical Sciences participated in the One Day Multispeciality Medical Camp “Snehasparsam” organised by Sri K J Maxy, MLA, Ernakulam on 02/02/25. The venue was Edward Memorial Govt. Higher Secondary School, Fort Kochi, Veli. The event was inaugurated by Sri K J Maxy MLA, Kochi.. The camp started by 8.00 am . Around 400 prescriptions were dispensed by the students. It was a good exposure for the students to interact directly with the patients and counsel them regarding the usage of medicines and precautions. The camp finished by 3 pm.



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INTERNATIONAL DAY OF ACTION FOR RIVERS-2025

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INTERNATIONAL DAY OF ACTION FOR RIVERS-2025

THEME
'OUR RIVERS, OUR FUTURE'

Friday
14 March 2025

Time
02.30 PM - 03.30 PM

5th Sem B Pharm Classroom

On march 14th 2025, as part of International Day of Action for rivers, a session was arranged at 5th sem B Pharm classroom SJCOPS at 2.30pm for the students of B pharm 5th semester. The program started by welcome address of Niranjana (5th sem B Pharm student). The speech regarding the protection of rivers was done by Abhiraj R (5th sem B Pharm student)

Wild Periyar River a 24 minutes documentary related to periyar river was streamed during the session, it was very informative and interesting for the students. The session ended by vote of thanks by Sr. Josmi Joseph (5th sem B Pharm student)



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Save Wetlands Campaign

On January 21st 2025, as per UGC guidelines, the Eco club of our college conducted a '**Save Wetlands Campaign**' near the riverbank inside the college campus at 10.15 am. The program was started by a welcome address of Dr. K Krishnakumar, Principal. There was a wetland Mitra Pledge taking session, which was leaded by Gadha Jayan, 5th sem B Pharm student. The Felicitation on the importance of conservation of Wetlands was done by Shahanas P S, 3rd sem B. Pharm. She explained about the wetlands in India and their importance.

The certificates of the climate march against climate change held on 16/11/2024 were distributed to the students by Dr. K Krishnakumar, Dr Prasanth B, Dr Satheeshkumar, and Mrs Meena Chandran. The session ended with a vote of thanks by Dr Prasanth B, Professor, HOD Dept of Pharmacognosy.



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Session on Accelerators/Incubation -Opportunities for Students & Faculties – Early-Stage Entrepreneurs.

25/07/25 & 26/07/25

Kerala Innovation Festival (KIF) 2025, was organized by the Kerala State Government at the Kerala Startup Mission (KSUM), Kochi on 25–26 July 2025. Six students from St. James College of Pharmaceutical Sciences, Chalakudy participated as delegates in this prestigious event, which brought together innovators, entrepreneurs, industry experts, and students from across the state.

The festival showcased the latest trends in innovation and creativity, while promoting collaboration and knowledge exchange.

It featured diverse programs including the Founders and Creators Summits, She Leads – Women in Innovation, and the SDG Summit – Sustainability in Action. These sessions provided valuable insights into entrepreneurial journeys, leadership, sustainability practices, and the role of women in driving innovation.

The event also offered exposure to cutting-edge technologies such as AR/VR, robotics, and other emerging fields, enabling us to understand the growing influence of technology in shaping industries.

Alongside the summits, we attended masterclasses and explored the product expo, where a wide range of innovative products and services were displayed. The Food Fest and Fashion Show added cultural vibrancy to the event, making the festival a unique combination of professional learning and creative celebration.

Through this participation, we gained meaningful exposure to startup ecosystems, sustainable development initiatives, and technology-driven industries. Interactions with entrepreneurs and innovators deepened their understanding of how creativity and innovation are applied in real-world contexts. The experience highlighted the importance of collaboration, networking, and innovative thinking in building a strong ecosystem of progress.

Overall, the participation in Kerala Innovation Festival (KIF) 2025 proved to be an enriching and inspiring experience for us and it had broadened our knowledge, and encouraged to adopt innovation-oriented



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perspectives in their academic and professional journeys, preparing them to contribute to future-ready industries.



PANEL DISCUSSION WITH ECOSYSTEM ENABLERS

IIC and IEDC members of our college participated in a Panel Discussion with Ecosystem Enablers in IEDC cluster meeting at Technology Business Incubation Centre at Sahradaya College of Engineering and



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Technology on 26/09/24 and 27/09/24 . Mr. Jibin Jose, CEO, Sahradaya Technology Business Incubator , Mr. Bergin Russel, Head: Academic and Entrepreneurship Activities, IEDC Kerala Start Up Mission and Mr Adarsh Vijayan, Kerala Start Up Mission took the classes. The event aimed on how to enable an ecosystem for innovation and entrepreneurship. Dr Prasanth B, IIC Convenor, Ms. Theertha S V, IIC member and 45 students of the college enthusiastically attended the Panel Discussion and Seminar. The key areas covered include

1. Difference between Intrapreneur and Entrepreneur
2. Incubation Centres
3. Prototype Development
4. Product Development
5. Angel Investors
6. Government funds
7. Career Opportunity as an Entrepreneur





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सत्यमेव जयते



INDIAN PHARMACOPOEIA COMMISSION

National Coordination Centre-Pharmacovigilance Programme of India

Report Format for National Pharmacovigilance Week Celebration 2024

September 19, 2024: Training on ADR Reporting for Pharmacy Students

Dr. L. Panayappan presented the ADR reporting methods to the Pharmacy students including b. Pharm and Pharm D students.

September 20, 2024: Hands-on-Training on ADR Reporting through VIGI-FLOW for Pharm D Interns at AMC St James Hospital

VIGI FLOW was introduced to Pharm D interns and trained them to operate the ADR reporting system

September 21, 2024: Public Sensitization Programme on ADRs & ADR Reporting Pamphlets and spontaneous reporting form were distributed and explain to the general public in order to increase the awareness about ADR and its reporting system

September 23, 2024: ADR Awareness Programme for Nursing Students

Dr. K. Krishnakumar and Dr. L.Panayappan were presented the importance of ADR and role of Nursing students to report the ADR during the hospital visit.

September 23, 2024: ADR Monitoring Centre Visit for Nursing Students to promote the ADR Reporting Culture

Nursing students visited the ADR Monitoring Centre and get trained regarding ADR reporting system.

- **Total Number of Participants attended** (Please provide the designation wise breakup of Participants i.e.): Doctors, pharmacist, nurses, Students, Industry professionals and Consumers (in Table Format).

S. No.	Event	No. of Participants
1	Essay Writing Competition	19



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2	Awareness Video Making	10
3	Training on ADR reporting to Pharmacy Students	60
4	Hands on Training in VIGI FLOW	25
5	Public Sensitization Program	300
6	ADR Awareness Program for Nursing students	50
7	AMC visit for Nursing students	50

- **Details of speakers**

1. Dr. K. Krishnakumar
2. Dr. L. Panayappan

- **Brief outline of the Agenda**

Day 1. September 17, 2024: Essay Writing Competition on "Building ADR Reporting Culture for Patient Safety."

Day 2. September 18, 2024: Awareness Video Making Competition on "Building ADR Reporting Culture for Patient Safety."

Day 3. September 19, 2024: Training on ADR Reporting for Pharmacy Students

Day 4. September 20, 2024: Hands-on-Training on ADR Reporting through VIGI-FLOW for Pharm D Interns at AMC St James Hospital

Day 5. September 21, 2024: Public Sensitization Programme on ADRs & ADR Reportin



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Day 7. September 23, 2024: ADR Awareness Programme for Nursing Students

Day 7. September 23, 2024: ADR Monitoring Centre Visit for Nursing Students to promote the ADR Reporting Culture

- **Model Certificate and course content** (soft copy if any)
- **Outcome of the training (250 words)**

4th National Pharmacovigilance Week 2024 was planned and designed in a manner to building the ADR reporting culture for patient safety. All the programs including various activities such as awareness classes, Hands on Training, AMC Visit, Essay writing competition, ADR awareness video making were successfully conducted by involving Healthcare Professionals, Students and general Public. These activities increase the Awareness about ADR and ADR reporting culture.

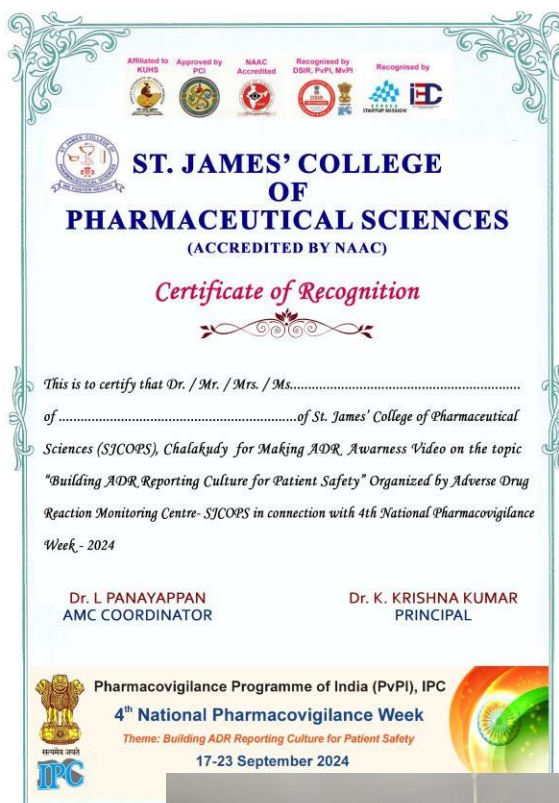
- **Feedbacks/Suggestions received from Participants/Speaker** (if Any)

Nursing students appreciated the ADR awareness class and they were much involved in the ADR reporting methods during their AMC visit. PharmD and B. Pharm students were shown interest in updating their knowledge in ADR and its reporting methods during the awareness program. The pamphlets and ADR spontaneous reporting form were explained and distributed to the public and they interacted intensively with the PharmD interns regarding ADR which was explained to them. The participants involved in all the events had a positive approach in understanding about the ADR reporting culture.





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NATIONAL TECHNOLOGY DAY-2025 16/05/2025

The Institutions Innovation Council of St. James College of Pharmaceutical Sciences (SJCOPS) celebrated National Technology Day 2025 on 16th May 2025 at 10.30 am at the college auditorium. The program began with the Welcome Address delivered by Ms. Rosmin Job, the 4th-year Pharm D Representative. She warmly welcomed the dignitaries, faculty members, and students.



The event was formally inaugurated by Dr. K. Krishnakumar, Principal of SJCOPS, who delivered the Inaugural Address. Mr. Antony Shaji, a 2nd-year Pharm D student, took the stage next to give a brief introduction to the objectives and flow of the day's program.

The highlight of the event was the Awareness Session, which featured presentations from seven different student teams (Helan Mariya & Nayana Davis Kallely, Haadiya Abdul Samad & Gouthami Unnikrishnan, Dona Raju & Elna Rose P S, Ashly Rose Joshy & Ansiya Nazrin Nazeer of 2nd year Pharm D, and Afthab Shajahan & Sabarinath T S, Sandra Thomas & Ann Theresa James, Nandana S Kumar & Rinsa Mary of 4th year Pharm D). Each team discussed various aspects of technology and its applications in healthcare, pharmacy, and everyday life. The sessions were informative, engaging, and showcased the research skills and creativity of the students. A quiz competition was also conducted, which tested participants' knowledge on technology-related topics.

Certificates were distributed to all students who presented during the awareness session, acknowledging their participation and contribution. The event concluded with a Vote of Thanks delivered by Ms. Airin Maria, a 2nd-year Pharm D student. She expressed heartfelt gratitude to the principal, faculty, organizing team, and all the students for their active involvement and support.



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WORLD INTELLECTUAL PROPERTY DAY - 2025

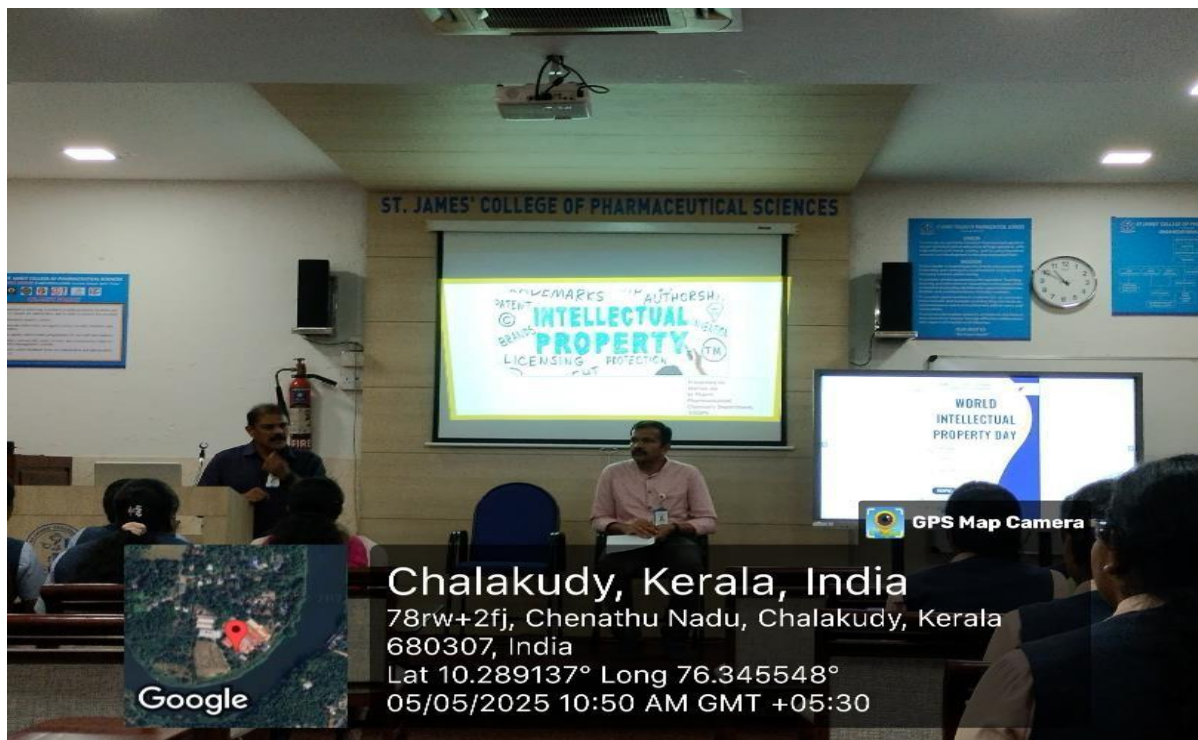
05/05/2025

As part of World Intellectual Property Day, the IIC of our college organized a seminar on 5th May 2025 at 10:30 am in the Multimedia room. The event aimed to raise awareness about intellectual property rights and their significance in fostering innovation and creativity. The topic was “IPR – PATENT in different pharmaceutical fields”. The seminar sought to educate participants about the importance of IP rights, their role in promoting innovation and best practices for protection and enforcement. The event was designed for Students of III semester M. Pharm, VII semester B. Pharm, IV year Pharm.

D. Mrs. Sminu Jos, Internship Activity Co-ordinator, welcomed the gathering. The seminar was inaugurated by Dr. K Krishnakumar, Principal, SJCOPS. Student representatives of the third semester M. Pharm - Mariya Joy, Jissa K Ninan, Akhila Pauly and Nidhy Susan Finny took the session and discussed the importance of patents in different pharmaceutical fields. Dr. Kannan, Professor Emeritus distributed the certificates to these students. The seminar was concluded by Ms. Anupam Gowri, student representative of VIIth semester B. Pharm. 81 students enthusiastically attended the seminar.



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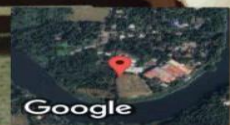
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NATIONAL SCIENCE DAY 2025

28/02/2025

On February 28 th 2025, as a part of National Science day, a session was arranged at the multimedia of SJCOPS at 02:30 pm on the topics AI, Raman effect and innovation cells for the students of IIIrd Sem B.Pharm & Vth Sem B.Pharm. Welcome address was given by Ms.Agna Joshy (IIIrd Sem B.Pharm student) ,Dr. K. Krishnakumar, Principal , St. James college of Pharmaceutical Sciences Chalakudy given a short introduction about Science Day. Ms.V.Swetha and Ms.Adhira Mohanan of VIIIth Sem B.Pharm was the resource person of the day. The talk was informative and interactive and addressed the important aspects of National Science Day, need for celebrating the day, necessity of creating an awareness about the topic, AI, Raman effect, etc. Mr.Joshua Joy (IIIrd Sem B.Pharm student) delivered the vote of thanks



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Event: Exposure Visit to Aromatic and Medicinal Plants Research Station.

Organised by: IIC

Resource Person for Mentoring : Dr. Thankamony K, Assistant Professor (Soil Science & Agrl. Chemistry)

Date of Visit: 08th November 2024

Student Participants : Adhira Mohanan, V.Swetha, Anna Rose Thomas, Angel Jose, Anna Maria Shaji, Vishnupriya K.S

Purpose of Visit: To discuss and understand about the aromatic and medicinal plants and the chromatographic techniques.



The Station was founded on March 15, 1951, as the 'Lemongrass Breeding Station' by the Department of Industries of the former Travancore - Cochin Government. It was renamed 'Lemongrass Research Station' and transferred to the State Department of Agriculture on August 1, 1954. When Kerala Agricultural University started in 1972, the station became part of the University. In 1982, it was renamed Aromatic and Medicinal Plants Research Station (A.M.P.R.S.) and expanded its research to include all tropical aromatic and medicinal plants.

We met Dr. Thankamony. K and the main objective of our visit was to know more about the medicinal plants and the chromatographic techniques.

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The Aromatic and Medicinal Plants Research Station (A.M.P.R.S.) in Odakkali is a premier institution dedicated to the study and cultivation of tropical aromatic and medicinal plants. Established in 1951, it has evolved from focusing solely on lemongrass to encompassing a wide range of plants with therapeutic and aromatic properties. During our visit, we explored the station's facilities and learned about advanced chromatographic techniques used in the analysis of these plants.

Application in Medicinal Plant Research

- The station utilizes these techniques to study the chemical composition of plants like lemongrass, tulsi, and ashwagandha.
 - Research focuses on identifying bioactive compounds with therapeutic potential, such as antioxidants, antimicrobials, and anti-inflammatory agents.
 - Advanced chromatographic methods ensure the quality and consistency of herbal products, aligning with regulatory standards.
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Challenges and Considerations



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- The complexity of plant matrices can interfere with analysis, requiring sophisticated sample preparation techniques.
- High equipment and maintenance costs for advanced techniques like LC-MS and GC-MS may limit their accessibility.
- Standardization of herbal products remains a challenge due to natural variability in plant composition.

Recommendations

- Further research into cost-effective analytical methods to make advanced techniques more accessible.
- Collaboration between research institutions and the pharmaceutical industry to enhance the application of findings.
- Continued training for researchers and students on the latest chromatographic technologies.

FACILITIES TOUR

1. Sample Preparation Lab:

- Plant materials are dried, ground, and extracted using solvents like methanol or ethanol.
- Extracts are filtered and concentrated for further analysis.

2. Chromatography Lab:

- HPLC equipment are used for detailed compound analysis and planning of GC-MS for analysing
- TLC is employed for quick screening of extracts.

3. Data Analysis Room:

- Chromatograms and spectra are analyzed using specialized software to identify and quantify compounds.



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Conclusion



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The visit to A.M.P.R.S. Odakkali provided invaluable insights into the role of chromatographic techniques in medicinal plant research. Methods like HPLC, GC-MS, and LC-MS are essential for unlocking the therapeutic potential of aromatic and medicinal plants. Despite challenges such as cost and complexity, these techniques are indispensable for advancing herbal medicine and ensuring product quality.

We extend our heartfelt gratitude to Dr. Thankamony K and the staff at A.M.P.R.S. for their guidance and hospitality. Special thanks to our mentor, Dr. Prasanth B, and St. James College of Pharmaceutical Sciences for facilitating this enriching experience.

World Creativity and Innovation Day

23/04/2025

Report

IIC, St. James' College of Pharmaceutical Sciences observed World Creativity and Innovation Day on 23-04-2025. 9 students of VII Semester B. Pharm presented on the various topics related to innovative ideas in the pharmaceutical sciences field.

Mr. Varun Dev, Associate Professor co-ordinator of the programme welcomed the gathering. The programme was inaugurated by Dr. Krishnakumar K, Principal and IIC President, St. James College of Pharmaceutical Sciences followed by the presentations by the students. The following is the list of topics and the student's details.

Topic: "Repurposing of Old Drugs"

1. Aneena K Jaison
2. Anna Eldho
3. Ceya Chacko

Topic: "Accelerating Clinical Trials Using Virtual Technologies"

4. Angel Aju
5. Alan K Joy

Topic: "Nanotechnology in Drug Delivery System"

6. Anupam Gowri

Topic: "Pharmaceutical Industry Waste Water Management System"

7. Annsweeta K Mathew
8. Agna Sebastian
9. Ameena P M



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Students from VII Semester B. Pharm, IV Year Pharm D and V Year Pharm D and faculties attended the session. The session was informative and gave insights on the knowledge of students towards innovative approach in the field of pharmaceutical sciences. The participant students were facilitated with certificates of appreciation by Mrs. Amina Ali K, Professor, Department of Pharmacognosy. Ms. Aneena K Jaison, College Union gave the vote of thanks and session was concluded by Dr. Prasanth B, Professor, Department of Pharmacognosy and IIC Convener for the college.





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"From Classroom to Career: Your Journey Ahead in Pharmacy"

IIC has organised a Seminar on **"From Classroom to Career: Your Journey Ahead in Pharmacy"**

The event objectives were

1. To gain an insight into Opportunities and innovative tracks ahead for B.Pharm and PharmD Graduates
- b. To motivate students to take up opportunities abroad by choosing the right course.

Dr Krishnakumar K, Principal inaugurated the program. The Resource person was Mr. Sony Akkara, International Certified Coach, Founder and Executive Director, Easy Link. The resource explained in detail the avenues of opportunities Pharmacy graduates are having in industry, regulatory affairs and marketing. He also stressed the importance of discipline and communication skills in Job Interviews. He also narrated the possibilities of higher education in Ireland and the scope of pharmaceutical science students in industries. He explained how an industry internship can be availed as part of higher education abroad and the services offered by Easylink in this regard.

Dr Krishnakumar K, Principal and IIC President honoured the Resource Person with memento and certificates. Ms. Anupam Gowri K, VII Semester B.Pharm student proposed the Vote of Thanks.





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WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS :

Types of Patents and Steps for Filing of Patents

31/07/25

IQAC and IIC of St. James' College of Pharmaceutical Sciences organized a workshop on "Types of Patents and Steps for Filing of Patents" on 31-07-2025. Dr. I.G. Rathish Ph.D., Assistant Professor, Inter University Centre for IPR Studies (IUCIPRS), CUSAT, Cochin was the resource person for the programme. 72 students and staffs participated in the workshop.

Dr. Krishnakumar K, Principal, St. James College of Pharmaceutical Sciences welcomed the gathering and inaugurated the programme.

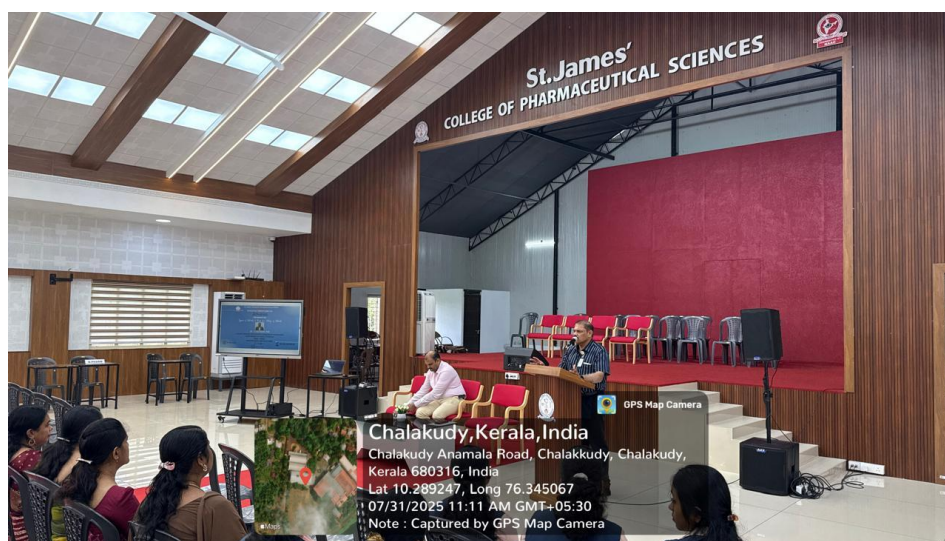
Staffs, M. pharm students of all the specialities, VII and VI Semester B. Pharm students participated in the workshop. The session was an interactive one with question based and example-based explanation on the various types of patents. The resource person also highlighted on the patent filing and essential steps to be taken for patents in the pharmaceuticals patent filing. Dr. Sathish Kumar, HOD and Professor, Department of Pharmacology interacted with the resource person on the intricacies of patent filing. Dr. Prasanth B, HOD and Professor, Department of Pharmacognosy concluded the session and highlighted on the significance of the patent filing.



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Dr. Krishnakumar K, Principal, St. James College of Pharmaceutical Sciences honoured Dr. I.G. Rathish with the memento for being the resource person for the workshop.





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