



RATHINAM
COLLEGE OF PHARMACY



AFFILIATED TO THE TAMIL NADU Dr.M.G.R UNIVERSITY CHENNAI
APPROVED BY PHARMACY COUNCIL OF INDIA (PCI).NEW DELHI

RathinaMED-2025

(Bridging Science and Humanity)



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MESSAGE FROM EDITOR IN CHIEF

Dear Readers,

It gives me immense pleasure to present RathinaMED-2025, an initiative that reflects our collective commitment to excellence in pharmaceutical education, research, and compassionate care.

The theme “Bridging Science and Humanity” reminds us that while scientific advancements continue to transform healthcare, empathy, ethics and human values remain at the heart of medicine. True progress is achieved when innovation is guided by compassion and knowledge is applied with responsibility.



This edition of RathinaMED-2025 brings together insightful articles, academic contributions, and clinical perspectives that highlight the harmonious integration of technology, research, and humane medical practice. I sincerely appreciate the efforts of our editorial team, faculty members and students whose dedication has made this publication possible.

I would like to thank the Management of the Rathinam Group of Institutions for providing the opportunity and unwavering support for RathinaMED-2025.

I hope this e-bulletin inspires thoughtful learning, meaningful discussion, and a renewed commitment to patient-centred care. Let us continue to strive for a future where science serves humanity with integrity and purpose.

Warm regards,

Prof. Dr.N. Balakrishnan,M.Pharm., Ph.D.,

Editor in Chief

Rathinam college of Pharmacy, Coimbatore-641021

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WORKSHOP

HANDS-ON TRAINING IN BASIC PLANT TISSUE CULTURE TECHNIQUES

Rathinam College of Pharmacy conducted a “three-day Workshop on Hands-on Training in Basic Plant Tissue Culture Techniques” from 29th to 31st January 2025 at the Pharmaceutical Biotechnology Laboratory, engaging 95 students and 5 faculty members. The workshop provided comprehensive theoretical and practical exposure to plant tissue culture, including media preparation, micro propagation, callus induction, and synthetic seed production, culminating in a valedictory session with certificate distribution.



MICRO-GREEN FARMING

Rathinam College of Pharmacy organized a One-Day Workshop on “Micro-Green Farming” on 26th April 2025, attended by 58 students and 3 staff members, focusing on practical techniques, health benefits, and sustainable practices of microgreen cultivation. The hands-on session and interactive discussions equipped participants with knowledge to pursue microgreen farming for personal use or as a profitable small-scale business.



HANDS-ON TRAINING ON PLANT TISSUE CULTURE

Rathinam College of Pharmacy organized a two-day workshop titled “Hands-on Training on Plant Tissue Culture” on 4th and 5th June 2025 at the Pharmaceutical Biotechnology Laboratory. The workshop provided practical exposure to plant tissue culture techniques, including media preparation, explant sterilization, micro propagation, and cryopreservation, and concluded with the distribution of participation certificates.



ONE-DAY HANDS-ON TRAINING ON HPLC

Rathinam College of Pharmacy conducted a “One-Day Hands-on Training on HPLC” on 12th June 2025 at the Central Instrumentation Room, Tower C, for 56 students and 10 faculty members. The training, led by Mr. B. Sanjeev, provided in-depth theoretical and practical insights into HPLC principles, instrumentation, method development, and applications, enhancing participants’ analytical skills in pharmaceutical research.



SHINE HEALTHCARE HACKATHON-2025

Rathinam College of Pharmacy, in collaboration with The Tamil Nadu Dr. M.G.R. Medical University, Startup TN, APTI (Tamil Nadu Branch), and TNPPCA-HS, successfully organized the “Shine Healthcare Hackathon-2025 Workshop” on 19th June 2025. The workshop featured expert sessions on healthcare innovation and entrepreneurship and witnessed enthusiastic participation from 545 students and 33 faculty members representing 29 medical, pharmacy, and allied health institutions.



INTRODUCTION TO RHEOLOGY AND ITS APPLICATIONS IN PHARMA

Rathinam College of Pharmacy organized a workshop on “Introduction to Rheology and Its Applications in Pharma” on 27th June 2025 at Seminar Hall, Tower C, attended by 10 staff members and 110 participants. Mr. Sivakumar G., Business Development Manager at Hitachi Thermal Analyzers, delivered an insightful session on rheology principles and their practical applications in pharmaceutical development and manufacturing.



WORKSHOP ON ADVANCED ANALYTICAL TECHNIQUES IN HPLC & UV-VISIBLE SPECTROPHOTOMETRY



Rathinam College of Pharmacy organized a two-day Workshop on Advanced Analytical Techniques in HPLC & UV-Visible Spectrophotometry from 11th to 12th July 2025 at the Central Instrumentation Room. This Workshop was Led by Mr. B. Sanjeev, the workshop provided hands-on training and in-depth theoretical insights into modern analytical instrumentation, benefiting 31 students and 2 faculty members.

E-CONSORTIUM TRAINING AND AWARENESS PROGRAM

Rathinam College of Pharmacy organized an E-Consortium Training and Awareness Program on 22nd July 2025 in association with The Tamil Nadu Dr. MGR Medical University, Chennai, featuring an expert session by Mr. B. Kamal Babu, Product Manager, Bentham Science Publishers. The program enhanced digital literacy and research skills among 109 students and 12 faculty members through practical demonstrations, fostering a research-oriented academic environment.



HYDROTROPIC ANALYSIS OF DRUGS WITHOUT INVOLVEMENT OF ORGANIC SOLVENTS



Rathinam College of Pharmacy organized a one-day workshop on “Hydrotropic Analysis of Drugs without Involvement of Organic Solvents” on 2nd August 2025 at the Central Instrumentation Lab, attended by 40 students and 2 faculty members. Dr. Rajeshkumar Maheshwari highlighted environmentally sustainable pharmaceutical analysis techniques, emphasizing hydrotropic solubilization as an alternative to harmful organic solvents.

CONTEMPORARY TRENDS & TECHNOLOGIES IN LIBRARY & INFORMATION SCIENCE

Rathinam College of Pharmacy organized a one-day workshop titled “Contemporary Trends & Technologies in Library & Information Science” on 2nd August 2025 at the Library, Tower C, from 10.00 AM to 12.00 PM. The session, led by Dr. Samuel Jayaprakash and Dr. P. Sankar, provided valuable insights into emerging library technologies, with active participation from faculty members.



ARTIFICIAL INTELLIGENCE IN SCIENTIFIC WRITING AND PUBLICATIONS” AND “3D PRINTING IN PHARMACEUTICAL SCIENCES

Rathinam College of Pharmacy organized a one-day workshop on “Artificial Intelligence in Scientific Writing and Publications” and “3D Printing in Pharmaceutical Sciences” on 11th August 2025 at the Central Instrumentation Room. The session, led by Dr. Sriram, provided valuable insights into the use of AI for research writing and the emerging applications of 3D printing in pharmaceutical sciences, benefiting 40 students and 10 faculty members.



SUCCESSFUL SCHOLARLY COMMUNICATION AND PUBLICATION: EFFICIENT WRITING FOR CLARIVATE WOS-Q1, SCIE/ESCI, PUBMED, AND SCOPUS INDEXED JOURNALS



Rathinam College of Pharmacy organized a one-day workshop on “Successful Scholarly Communication and Publication: Efficient Writing for Clarivate WOS-Q1, SCIE/ESCI, PubMed, and Scopus Indexed Journals” on 30th August 2025 at Seminar Hall, Tower C. This workshop was led by Dr. Balakumar Pitchai, the workshop provided 40 participants with practical insights into research writing, ethical publication practices, and strategies for publishing in high-impact indexed journals.

HANDS ON TRAINING

TWO WEEKS HANDS-ON INDUSTRIAL TRAINING PROGRAM

From 12.05.2025 to 21.05.2025, Rathinam College of Pharmacy conducted a Two Weeks Hands-on Industrial Training Program for 09 students, offering immersive laboratory-based learning. The program strengthened practical competencies in preformulation studies, quality control, analytical techniques, and biotechnology, aligning academic knowledge with industry requirements.



EMPOWERING FUTURE INNOVATORS IN PHARMACEUTICAL & LIFE SCIENCES



Rathinam College of Pharmacy organized a two-day hands-on training program on “Empowering Future Innovators in Pharmaceutical & Life Sciences” from 01.08.2025 to 02.08.2025, engaging 25 students and 1 staff member in focused practical learning. The sessions aimed to enhance technical skills, strengthen core pharmaceutical concepts, and bridge the gap between theory and real-time laboratory applications through interactive and hands-on training.

OUT REACH ACTIVITY

NATIONAL VOTERS' DAY

On 24 January 2025, Rathinam College of Pharmacy celebrated National Voters' Day with energy and enthusiasm, as students and staff came together to take the Voters' Pledge and celebrate the power of democracy. The event was a vibrant reminder that every vote counts, inspiring everyone to actively participate in shaping India's democratic journey while having a meaningful and memorable experience!



CANCER AWARENESS PROGRAM

On 4 February 2025, Rathinam College of Pharmacy observed World Cancer Day with an awareness program led by Dr. N. Balakrishnan, engaging 100 students and staff to highlight prevention, early detection, and community support. The event featured an impactful speech and a collective pledge, reinforcing the commitment to cancer awareness, research advocacy, and support for those affected.



ANATOMY PHYSIOLOGY EXHIBITION

On 6-7 February 2025, Rathinam College of Pharmacy students participated in the Anatomy Physiology Exhibition – "Human Body: A Learning Platform" at Nightingale Group of Institutions, showcasing innovative models and presentations. The team's Best in Presentation award for Muscle Contraction highlighted their creativity, in-depth understanding, and ability to make complex anatomical concepts engaging and accessible.



NATIONAL SCIENCE DAY

National Science Day 2025 was successfully celebrated on 28.02.2025 at Rathinam College of Pharmacy with a Quiz competition and E-Poster presentation, engaging 100 students and 10 staff members to promote scientific temper and innovation. The event inspired young minds by highlighting the role of science in sustainable development and concluded with a vote of thanks.



INTERNATIONAL YOGA DAY

Rathinam College of Pharmacy organized the International Yoga Day program titled "Yoga for One Earth, One Health" on 21.06.2025 at the Yoga Hall from 11.00 AM to 12.30 PM, with the participation of 10 staff members and 100 students.

The session, led by Dr. R. Lakshmi Mahendran, emphasized the scientific and holistic benefits of yoga through expert insights and guided practice, promoting physical, mental, and emotional well-being.



FREE EYE CHECKUP CAMP

The Free Eye Checkup Camp, organized by Rathinam Group of Institutions in association with Lotus Eye Hospital on 24 June 2025, successfully delivered comprehensive eye care services at (C Block – Ground Floor), benefiting both staff and students through timely screenings and consultations. The initiative promoted eye-health awareness, enabled early detection of vision issues, and reinforced the institution's commitment to community well-being through accessible and preventive healthcare services.



INTERNATIONAL DAY AGAINST DRUG ABUSE AND ILLICIT TRAFFICKING



On 26 June 2025, Rathinam Group of Institutions marked the International Day against Drug Abuse and Illicit Trafficking with a pledge-taking ceremony at C Block – Ground, engaging 110 students and staff to reinforce a commitment to a drug-free lifestyle. The event promoted awareness about the dangers of drug abuse, encouraged healthy living, and strengthened the community's resolve to combat illicit drug use and trafficking.

ANTI RAGGING WEEK

An Anti-Ragging Week awareness program was conducted on 22.08.2025 at the Exam Hall, Tower C, with the participation of 10 staff members and 100 students. The session included expert talks by police officials on the legal consequences and prevention of ragging, reaffirming the commitment to a safe and inclusive, ragging-free campus at Rathinam College of Pharmacy.



5TH NATIONAL PHARMACOVIGILANCE WEEK



Rathinam College of Pharmacy successfully hosted the 5th National Pharmacovigilance Week from 17–23 September 2025 with the theme "Your Safety, Just a Click Away: Report to PvPI," engaging students and staff in raising awareness about drug safety. The week featured interactive social media activities and an online quiz with 300 participants, effectively promoting adverse drug reaction reporting and fostering a culture of patient safety.

WORLD PHARMACIST DAY

On 25 September 2025, Rathinam College of Pharmacy celebrated World Pharmacist Day with the theme "Think Health, Think Pharmacists," hosting a mega free medical camp benefiting 400 participants. The event highlighted pharmacists' vital role in community health, offering eye, dental, cardiology, gynecology, and general health check-ups, while promoting preventive healthcare and wellness awareness.



ANUGRAHA-2025

Rathinam College of Pharmacy successfully conducted Anugraha-2025 from 24.10.2025 at (Rathinam Grand Hall,) engaging over 500 members to orient the first-year B.Pharm students (2025-2029 batch). The week-long program included inauguration, lab visits, campus tour, yoga, cultural and sports activities, and guest lectures, effectively introducing students to academic life, professional ethics, and holistic development.



64TH NATIONAL PHARMACY WEEK



Rathinam College of Pharmacy celebrated the 64th National Pharmacy Week from 16th to 22nd November 2025 with the theme “Pharmacists as Advocates of Vaccination,” involving 180 students and 12 staff members in various academic and outreach activities. The week-long programme effectively promoted vaccination awareness, public health responsibility, and the vital role of pharmacists through rallies, competitions, performances, and community engagement initiatives.

AIDS AWARENESS PLEDGE

On 1 December 2025, Rathinam College of Pharmacy conducted World AIDS Day with an awareness pledge, engaging 170 students and staff to promote HIV/AIDS prevention and reduce stigma. The event emphasized safe practices, accurate information, and compassionate attitudes, successfully fostering content health responsibility and community awareness.



FRESHER'S DAY CELEBRATION



On 9 December 2025, Rathinam College of Pharmacy celebrated “Fresher's Day” to warmly welcome the FUERZA – I B.Pharm batch, with inspiring addresses by industry leaders and the college principal. The event featured lively cultural performances, interactive games, and activities that fostered camaraderie, leaving the new students motivated and excited for their academic journey.

MEDICINAL PLANT PLANTATION PROGRAMME

Rathinam College of Pharmacy organized the “Medicinal Plant Plantation Programme” on 22.12.2025 at the Medicinal Garden. The programme aimed to create awareness about the importance of medicinal plants and environmental sustainability. A total of 60 I B.Pharm students and 5 staff members participated actively in the event. The programme was successfully conducted and encouraged eco-friendly practices among students.



CELEBRATION ACTIVITY

PONGAL CELEBRATION

On 10 January 2025, Rathinam College of Pharmacy came alive with the festive spirit of Pongal, as students and staff joined hands in cooking traditional Pongal, playing lively games, and celebrating togetherness. The colorful event beautifully showcased Tamil Nadu's rich cultural heritage, filled the campus with joy, and concluded with exciting prize distributions, leaving everyone with sweet memories of unity and fun!



VINAYAKAR CHATURTHI CELEBRATION



Rathinam College of Pharmacy celebrated Vinayakar Chaturthi on 26.08.2025 at the Pharmacy Block – Tower C, with the participation of 20 staff members and 109 students.

The event included traditional rituals, an address highlighting cultural values, and prasadam distribution, fostering devotion, unity, and harmony among the college community.

TEACHERS DAY

Rathinam College of Pharmacy commemorated Teachers' Day on 04 September 2025 at the Pharmacy Lobby, with 20 faculty members and 20 students taking part in the celebration.

The event paid tribute to the dedication of teachers through meaningful speeches and cultural expressions, fostering respect, gratitude, and a strong teacher–student bond.



SARASWATHI POOJA CELEBRATION



On 30 September 2025, Rathinam College of Pharmacy celebrated Saraswathi Pooja at the Pharmacy Block – Tower C, with 20 staff members and students coming together to seek the blessings of the goddess of knowledge. The event fostered a spiritually uplifting atmosphere, reinforced cultural traditions, and concluded with the distribution of prasadam, leaving everyone inspired and united.

DIWALI CELEBRATION

The Rathinam College of Pharmacy organized a Diwali Celebration on 17.10.2025 at the Pharmacy Block – Tower C, with the participation of 20 staff members and 80 students.

The event featured traditional lamp lighting, cultural performances, festive decorations, and refreshments, fostering cultural unity, joy, and harmony among the college community.



CHRISTMAS & NEW YEAR CELEBRATION -2026

Rathinam College of Pharmacy celebrated the Christmas and New Year Celebration – 2026 on 24th December 2025 at Tower C with great enthusiasm. The event saw active participation from 170 students and 20 staff members, creating a joyful and vibrant atmosphere. Various cultural programmes such as carol singing, dances, skits, and fun games highlighted the spirit of love and togetherness. The celebration concluded with Santa Claus interaction, gift distribution, and memorable group photographs.



INDUSTRIAL VISIT

INDUSTRIAL VISIT

On 03 September 2025, Rathinam College of Pharmacy organized an enriching Industrial Visit to the Pasteur Institute of India, Coonoor, involving 49 II year B.Pharm students and 3 faculty members. The visit offered firsthand exposure to vaccine production, quality control systems, advanced instrumentation, and industry regulations, transforming classroom concepts into real-world pharmaceutical insights.



DEFENSE EXPO VISIT



SIDA hosted an engaging Defense Expo Visit at Rathinam Grand Hall on 04.12.2025 and 06.12.2025 attended by 116 B.Pharm students to 4 faculty members.

The visit offered an inspiring glimpse into advanced defense technologies, military healthcare solutions, and emergency medical innovations, broadening students' understanding of science and pharmacy in national security.

TRAINING & PLACEMENT ACTIVITY

POOL CAMPUS DRIVE (VIATRIS)

On 9 August 2025, Rathinam College of Pharmacy hosted a Pool Campus Drive with Viatriss, providing 60 students an opportunity to connect with industry professionals and explore career prospects. The event featured aptitude and technical assessments, HR interviews, and interactive sessions, offering valuable corporate exposure and paving the way for potential placements.



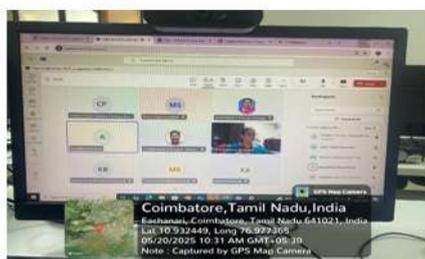
GUEST LECTURE

Rathinam College of Pharmacy organized a Guest Lecture on Career Guidance for Pharmaceutical Marketing Job Opportunities on 23rd December 2025 at the Seminar Hall. The session was delivered by Mr. Gurunath K, Project Head, East West Next Gen, Salem, to create awareness about career prospects in pharmaceutical marketing. The lecture covered various roles, essential skills, industry expectations, and growth opportunities in the field. A total of 56 students and 5 faculty members participated, making the session informative and motivating.



E FDP

NATIONAL E-FDP ON “CURRENT ADVANCEMENTS IN NANO MEDICINES, PHARMACY PRACTICE, AND AI IN HEALTHCARE



Rathinam College of Pharmacy, in collaboration with APTI-TN, conducted a successful 6-day National e-FDP on “Current Advancements in Nano Medicines, Pharmacy Practice, and AI in Healthcare” from 19th to 24th May 2025, attended by 88 faculty members. Eminent experts shared insights on cutting-edge pharmaceutical research, AI applications, and global pharmacy practices, providing participants with advanced knowledge and practical perspectives.

AI FOR TRANSLATIONAL MEDICINE: BRIDGING BENCH TO BEDSIDE

RATHINAM COLLEGE OF PHARMACY
 Affiliated to The Tamil Nadu Dr.M.G.R. Medical University, Chennai
 Approved by Pharmacy Council of India (PCI), New Delhi

ORGANIZE
e-FDP on AI for Translation Medicine: Bridging Bench to Bedside

IN ASSOCIATION WITH
 Indian Pharmacy Graduates Association (IPGA), Tamil Nadu State Branch

15.12.2025 TO 20.12.2025

OBJECTIVE OF THE PROGRAMME
 This e-FDP aims to introduce the fundamentals of translational medicine and the role of AI in accelerating the bench-to-bedside process. It will equip participants with knowledge of AI tools used in biomedical research, clinical decision support, and personalized medicine. The program focuses on developing skills in handling biomedical data and understanding real-world AI applications in healthcare. It also emphasizes ethical and regulatory considerations in deploying AI for medical use. Overall, the FDP promotes interdisciplinary collaboration to effectively integrate AI into research, teaching, and clinical practice.

WHO CAN ATTEND
 Faculties from Medicine, Dental, Paramedical and Allied Health Sciences

RESOURCE PERSONS

 DR. BALAKRISHNAN RAMESH Associate Professor, Department of Pharmaceutical Chemistry, Rathinam College of Pharmacy, Coimbatore.	 DR. LAKSHMI LAKSHMI Associate Professor, Department of Pharmaceutical Chemistry, Rathinam College of Pharmacy, Coimbatore.	 DR. CHANDRASEKAR PONKUZHALI Associate Professor, Department of Pharmaceutical Chemistry, Rathinam College of Pharmacy, Coimbatore.
 DR. K.P. ANUR KUMAR Associate Professor, Department of Pharmaceutical Chemistry, Rathinam College of Pharmacy, Coimbatore.	 DR. RAMOL SARAVODI Associate Professor, Department of Pharmaceutical Chemistry, Rathinam College of Pharmacy, Coimbatore.	 DR. VICHITRA S. CHINNAIYAN Associate Professor, Department of Pharmaceutical Chemistry, Rathinam College of Pharmacy, Coimbatore.

RESOURCE PERSONS

 DR. SAKSHITA BHASANI Associate Professor, Department of Pharmaceutical Chemistry, Rathinam College of Pharmacy, Coimbatore.	 DR. M. DHARMARAJ Associate Professor, Department of Pharmaceutical Chemistry, Rathinam College of Pharmacy, Coimbatore.	 DR. K. S. SOWMYA RANI Associate Professor, Department of Pharmaceutical Chemistry, Rathinam College of Pharmacy, Coimbatore.
 DR. S. SINDHU Associate Professor, Department of Pharmaceutical Chemistry, Rathinam College of Pharmacy, Coimbatore.	 DR. SOWHEE PATEL Associate Professor, Department of Pharmaceutical Chemistry, Rathinam College of Pharmacy, Coimbatore.	 DR. M. ANURAG KUMAR Associate Professor, Department of Pharmaceutical Chemistry, Rathinam College of Pharmacy, Coimbatore.

Rathinam College of Pharmacy successfully organized a six-day e-FDP from 15th to 20th December 2025 on “AI for Translational Medicine: Bridging Bench to Bedside,” in association with the Indian Pharmacy Graduates Association (IPGA), Tamil Nadu State Branch. The program featured expert sessions on AI-driven drug discovery, clinical data management, pharmacogenomics, healthcare implementation, and predictive modeling, equipping participants with practical knowledge of AI applications, ethical considerations, and interdisciplinary approaches in modern pharmaceutical research and personalized medicine.

FACULTY CONTRIBUTION

NPTEL COURSE



Staying Ahead with Knowledge That Evolves

Faculties of Rathinam College of Pharmacy, including Dr.C.Buvana & Mrs.S.Malathi actively completed NPTEL courses in pharmacy and pharmaceutical sciences. These online courses enhanced subject expertise and updated knowledge with the latest research and industry developments. The initiative promotes continuous professional development and academic excellence.

ONLINE TRAINING PROGRAM

Strengthening Expertise for a Dynamic Future

Dr. C. Buvana attended an online training program aimed at enhancing professional knowledge and skills. The program offered valuable insights into contemporary developments and best practices, complemented by practical learning experiences. Well-structured sessions and interactive discussions facilitated meaningful engagement and deeper understanding of the subject matter. The training was delivered by experienced resource persons and contributed to the enhancement of analytical thinking and problem-solving abilities. Overall, the program significantly supported continuous professional development and effective application of acquired knowledge in professional practice.

RATHINAM STAR AWARDS



Honouring Educators Who Inspire, Lead, and Excel

The Rathinam Star Awards were presented to Dr. C.Buvana and Mr.S.Faisal Rahman They were honoured for their excellence in teaching and academics. The awards recognized their dedication and significant contributions to education

WEBINAR

Staying Ahead in a Rapidly Evolving Pharma World

Faculty member Dr. C. Buvana regularly participated in webinars focusing on emerging pharmaceutical trends, regulatory updates, and evolving clinical practices. These dynamic and interactive sessions served as a platform for continuous learning, enabling meaningful knowledge exchange, insightful discussions on innovations, and exposure to real-world industry perspectives. Participation also fostered professional networking with experts from academia, research, and the pharmaceutical industry. By staying updated with cutting-edge developments, Dr. C. Buvana effectively bridges the gap between theory and practice, enriching classroom teaching, research guidance, and ultimately enhancing the academic and professional readiness of students.

SEMINAR

Where Innovation Meets Intelligence in Clinical Research

Faculty members from Rathinam College of Pharmacy, including Dr. N. Balakrishnan, Mr. Faisal Rahman, and Ms. Uma Mageshwari, actively participated in the prestigious Three-Day National Workshop on “AI-Driven Clinical Research: Bridging Technology, Biomedical Research, and Health Sciences”, held at JSS College of Pharmacy from 6th to 8th November 2025

The workshop offered an immersive exploration into the transformative role of artificial intelligence in clinical research, highlighting its integration with biomedical sciences and healthcare innovation. Through expert-led sessions, hands-on discussions, and collaborative learning, participants gained valuable insights into data-driven research methodologies, emerging AI tools, and future-ready clinical practices. This enriching experience not only strengthened research perspectives but also reaffirmed the institution's commitment to embracing cutting-edge technologies and advancing excellence in pharmacy education and research.

WORKSHOP

Empowering Growth Through Continuous Learning

Ms. S. Malathi participated in a workshop dedicated to academic and professional development, marking a meaningful step in her journey of continuous learning. The program offered a rich blend of conceptual insights and practical exposure, significantly enhancing her knowledge base, skill set, and professional competence. Designed to inspire growth and excellence, the workshop provided an engaging and enriching learning experience that supports effective application in academic practice and contributes to overall professional advancement.

Faculty Development Program (FDP) Shaping Tomorrow's Educators, Today

Our faculty members actively participate in Faculty Development Programmes (FDPs) to sharpen their teaching expertise, explore innovative pedagogical strategies, and strengthen research mentoring capabilities. These programmes dive deep into modern curriculum design, technology-enabled teaching, advanced assessment techniques, and academic leadership, aligning faculty with global academic benchmarks and contemporary pharmacy education practices.

By continuously upgrading their skills, faculty bring fresh perspectives into the classroom making learning more engaging, research-driven, and student-centric. The impact is clear: students gain from enriched teaching methodologies, stronger research guidance, and exposure to globally relevant practices. Through FDP participation, the college cultivates a vibrant academic ecosystem where excellence, innovation, and lifelong learning thrive.

STUDENTS CONTRIBUTION

PHARMA ANVESHAN-2025

PharmaAnveshan-2025, commemorating National Pharmacy Education Day, was successfully organized on 21.03.2025 by Arulmigu Kalasalingam College of Pharmacy, Srivilliputtur, highlighting the legacy of M.L. Schroff and the importance of pharmacy education. A total of 13 II B.Pharm III Semester students and 2 faculty members from Rathinam College of Pharmacy, Coimbatore, actively participated, with students Santhiya S, Nithish V, and Sunil Kumar MP presenting e-posters and gaining valuable exposure to entrepreneurship, innovation, and pharmaceutical startups.



REGENERATIVE THERAPY FOR NANO DRUG DELIVERY APPLICATIONS



Three students of II B.Pharm IV Semester from Rathinam College of Pharmacy actively participated in the One-Day Hands-on Training Workshop on "Regenerative Therapy for Nano Drug Delivery Applications", organized by AIC Raise on 02.08.2025. The workshop provided practical exposure to advanced nanotechnology-based regenerative therapies through expert sessions and live demonstrations, enhancing the students' technical skills and understanding of emerging drug delivery systems

SHINE HEALTHCARE HACKATHON Innovating Healthcare, One Idea at a Time

On 23rd August 2025, students of Rathinam College of Pharmacy—Divya, Chandiveeran, Nithish, Sunil Kumar, Nivashini, Tajal Lency, Rousha Begam, Swathi, and Kowsalya—actively participated in the Prefinal Round of the Shine Healthcare Hackathon held at United College of Pharmacy. The I and II Year B.Pharm students showcased innovative, technology-driven healthcare ideas, demonstrating strong creativity, teamwork, and problem-solving skills while representing the institution with distinction



AI- DRIVEN CLINICAL RESEARCH: BRIDGING TECHNOLOGY, BIOMEDICAL RESEARCH, AND HEALTH SCIENCES



A Three-Day National Workshop on “AI-Driven Clinical Research: Bridging Technology, Biomedical Research, and Health Sciences” was organized by JSS College of Pharmacy from 06.11.2025 to 08.11.2025, with active participation from 16 II B.Pharm students and 2 faculty members of our institution. The workshop provided valuable insights into AI-assisted clinical research, and the e-poster presentation by II B.Pharm student Ms. Swathi was highly appreciated, highlighting the research competence and interdisciplinary exposure of the participants.

LABORATORY ANIMAL HANDLING FOR DRUG DISCOVERY



On 13th December 2025, Sree Abirami College of Pharmacy, Coimbatore organized a one-day workshop on “Laboratory Animal Handling for Drug Discovery”, providing practical exposure to ethical animal care, handling techniques, and safety protocols essential for pharmaceutical research. Four III B.Pharm students actively participated in the session and gained valuable hands-on knowledge, enhancing their understanding of laboratory animal handling in the context of drug discovery.

NPTEL COURSE



Pioneering Minds in Pharmaceutical Innovation

Students of Rathinam College of Pharmacy successfully completed the NPTEL course on Novel Drug Delivery Systems, taking a significant leap in their academic and research journey. The course provided in-depth exposure to advanced pharmaceutical technologies, equipping students with insights into innovative drug delivery approaches and the latest industry practices. By bridging theoretical knowledge with practical applications, this initiative not only enriched their understanding of cutting-edge pharmaceutical solutions but also fostered a research-oriented mindset, preparing them to contribute effectively to the future of healthcare and drug development.

PAPER PUBLICATIONS

S.NO	TITLE	AUTHOR
1.	In silico identification of novel indole analogues as B-Secretase inhibitor in the treatment of alzheimers disease	Dr.C.Buvana
2.	Development and characterization of dexamethasone nonodispersion for the effective treatment of diabetic retionopathy	Dr.Balakrishnan Natarajan
3.	Phytosomes an emerging for herbal based drug delivery	Dr.Balakrishnan Natarajan

BOOK PUBLICATIONS

S.NO	TITLE OF BOOKS	AUTHOR
1.	Textbook for b.pharmacy VIII-Semester vol-2	Dr. N. Balakrishnan
2.	Modern pharmaceutics	Mr. J.Karthikeyan,
3.	Textbook of Pharmaceutical Regulatory Affairs	Mrs. Shobana, Mr. Chilukuri Venkat subbarao choudary, Ms.Abhisha K M
4.	Text book for B.pharmacy	Mrs.B.Hardha

PATENT

PATENT IN AI-POWERED DEVICE FOR THE IDENTIFICATION OF PHYTOCONSTITUENTS



Mr. Chilukuri Venkat Subbarao Choudary, faculty member of Rathinam College of Pharmacy, has successfully filed a patent for an AI-Powered Device for the Identification of Phytoconstituents. This innovative work highlights the effective integration of artificial intelligence with pharmaceutical research. The patent reflects the faculty's commitment to advancing modern analytical techniques. Such achievements encourage creativity and foster a strong culture of innovation within the institution. It also demonstrates the real-world application of academic knowledge. Faculty-driven research like this inspires students toward research and development. Overall, this recognition strengthens the college's reputation as a center of research excellence.

SPORTS ACTIVITY

INTRA COLLEGE SPORTS MEET-2025



The Intra-College Sports Meet 2025, titled League of Legends, was successfully organized by Rathinam College of Pharmacy on 15th and 16th May 2025, with the enthusiastic participation of 110 students and 10 staff members. The event showcased excellent sportsmanship, talent, and teamwork across various physical and strategic sports, concluding with the felicitation of winners with medals, certificates, and a championship trophy.

4TH STATE LEVEL UNITED PHARMA TROPHY-2025



Students of Rathinam College of Pharmacy actively participated in the 4th State Level United Pharma Trophy-2025 held from 16th to 19th July 2025, organized by United College of Pharmacy, with 42 students and 2 staff members taking part in various sports events.

The participation fostered sportsmanship, teamwork, physical fitness, and leadership skills, reflecting the institution's commitment to the holistic development of its students.

INSTITUTION INNOVATION COUNCIL

LIST OF ACTIVITIES CONDUCTED UNDER IIC

S.NO	DATE	TITLE	QUATER	TYPE	DOMAIN
1.	09/09/2024	Idea Showcase: Demo Day/Exhibition/Poster Presentation of Ideas/PoC & linkage with Innovation Ambassadors/Experts for Mentorship Support.	QUARTER -I	CALENDAR ACTIVITY	Entrepreneurship & startup
2.	16/09/2024	Organize an Inter/Intra Institutional Idea Competition/Challenge/ Hackathon, and Reward the Best Ideas and deposition in the Institution's YUKTI Innovation Repository	QUARTER -I	CALENDAR ACTIVITY	Innovation & Design Thinking
3.	23/09/2024	Exposure and field visit for problem identification: Aligning with UN SDGs and Exploring Emerging Areas of Technologies	QUARTER -I	CALENDAR ACTIVITY	Innovation & Design Thinking
4.	30/09/2-24	Basics of Intellectual Property Rights and Its Importance for Innovators and Entrepreneurs.	QUARTER -I	CALENDAR ACTIVITY	Innovation & Design Thinking
5.	04/10/2024	Session on Problem Solving and Ideation Workshop	QUARTER -I	CALENDAR ACTIVITY	Innovation & Design Thinking
6.	16/10/2024	From Idea to Impact - Motivational Session by Successful Entrepreneur/Startup Founder	QUARTER -I	CALENDAR ACTIVITY	Entrepreneurship & startup
7.	21/10/2024	My Story - Motivational Session by Successful Innovators.	QUARTER -I	CALENDAR ACTIVITY	Innovation & Design Thinking
8.	30/10/2024	Workshop on "Entrepreneurship and Innovation as Career Opportunity"	QUARTER -I	CALENDAR ACTIVITY	Entrepreneurship & startup
9.	15/10/2024	Innovation Day	QUARTER -I	CELEBRATION ACTIVITY	Innovation & Design Thinking
10.	11/11/2024	National Education Day	QUARTER -I	CELEBRATION ACTIVITY	Innovation & Design Thinking

11.	19/11/2024	National Entrepreneurship Day	QUARTER - I	CELEBRATION ACTIVITY	Entrepreneurship & start up
12.	23/10/2024	Session on MIC Programmes & Schemes with Dr. Abhay Jere	QUARTER - I	MIC DRIVEN ACTIVITY	Innovation & Design Thinking
13.	29/01/2025	Organize an Inter/Intra Institutional Innovation Competition/Challenge/Hackathon and Reward the Best Innovations and deposition in the Institution's YUKTI Innovation Repository	QUARTER - II	CALENDAR ACTIVITY	Innovation & Design Thinking
14.	11/12/2024	Innovation Showcase: Demo Day/Exhibition/Poster Presentation of Innovations/Prototypes & linkage with Innovation Ambassadors/Experts for Mentorship Support	QUARTER - II	CALENDAR ACTIVITY	Innovation & Design Thinking
15.	09/01/2025	Field/Exposure Visit to Pre-incubation units such as AICTE Idea Lab, Fab lab, Makers Space, Design Centres, City MSME clusters, workshops etc	QUARTER - II	CALENDAR ACTIVITY	Pre incubation & Incubation management
16.	10/02/2025	Session on Achieving Problem-Solution Fit & Product-Market Fit	QUARTER - II	CALENDAR ACTIVITY	Innovation & Design Thinking
17.	03/02/2025	Workshop on Effective Sales and Marketing Strategies for Entrepreneurs /Start-ups Mode of Conduct Offline/ Onli	QUARTER - II	CALENDAR ACTIVITY	Entrepreneurship & startup
18.	05/02/2025	Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialisation of Lab Technologies & Tech-Transfer"	QUARTER - II	CALENDAR ACTIVITY	Innovation & Design Thinking
19.	05/12/2024	Workshop on Design Thinking, Critical thinking and Innovation Design	QUARTER - II	CALENDAR ACTIVITY	Innovation & Design Thinking
20.	28/02/2025	National Science Day	QUARTER - II	CELEBRATION ACTIVITY	Innovation & Design Thinking

21.	18/01/2025	National Startup Day	QUARTER -II	CELEBRATION ACTIVITY	Entrepreneurship & startup
22.	10/01/2025	National Youth Day	QUARTER -II	CELEBRATION ACTIVITY	Innovation & Design Thinking
23.	14/12/2024	National Energy Conservation Day(India)	QUARTER -II	CELEBRATION ACTIVITY	Innovation & Design Thinking
24.	02/12/2024	National Pollution Control Day	QUARTER -II	CELEBRATION ACTIVITY	Innovation & Design Thinking
25.	16/04/2025	Workshop on "Raising Capital and Managing Finance for Startups"	QUARTER -III	CALENDAR ACTIVITY	Entrepreneurship & startup
26.	04/04/2025	B-Plan Pitch: Demo Day/Exhibition of Business Plans & linkage with Innovation Ambassadors/Experts for Mentorship Support.	QUARTER -III	CALENDAR ACTIVITY	Entrepreneurship & startup
27.	05/04/2025	Organize an Inter/Intra Institutional Business Plan Competition and Reward the Best Innovations and deposition in the Institution's YUKTI Innovation Repository	QUARTER -III	CALENDAR ACTIVITY	Innovation & Design Thinking
28.	11/04/2025	Workshop on Intellectual Property Rights (IPRs) and IP management for start up	QUARTER -III	CALENDAR ACTIVITY	Entrepreneurship & startup
29.	19/04/2025	Session on "How to plan for Start-up and legal & Ethical Steps"	QUARTER -III	CALENDAR ACTIVITY	Entrepreneurship & startup
30.	28/04/2025	Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/Technology Transfer Centre such as Atal Incubation Centre etc	QUARTER -III	CALENDAR ACTIVITY	Entrepreneurship & startup
31.	01/05/2025	Session/ Workshop on Business Model Canvas (BMC)	QUARTER -III	CALENDAR ACTIVITY	Entrepreneurship & startup
32.	05/05/2025	Workshop on Prototype/Process Design and Development	QUARTER -III	CALENDAR ACTIVITY	Entrepreneurship & startup

33.	11/05/2025	National Technology Day	QUARTER -III	CELEBRATION ACTIVITY	Innovation & Design Thinking
34.	26/04/2025	World Intellectual Property Day	QUARTER -III	CELEBRATION ACTIVITY	Innovation & Design Thinking
35.	21/04/2025	World Creativity and Innovation Day	QUARTER -III	CELEBRATION ACTIVITY	IPR & Technology transfer
36.	08/03/2025	International Women's Day	QUARTER -III	CELEBRATION ACTIVITY	Innovation & Design Thinking
37.	20/05/2025	Building YUKTI Innovation Repositories in IIC Institutions: Productizing Campus Ideas & Boosting Innovation Funding for Startup Opportunities	QUARTER -III	MIC DRIVEN ACTIVITY	Innovation & Design Thinking
38.	25/04/2025	IP Week Lecture Session - 21st April to 26th April 2025	QUARTER -III	MIC DRIVEN ACTIVITY	IPR & Technology transfer
39.	24/04/2025	Masterclass on Trademarks and Geographical Indications	QUARTER -III	MIC DRIVEN ACTIVITY	Innovation & Design Thinking
40.	23/04/2025	Masterclass on Copyrights	QUARTER -III	MIC DRIVEN ACTIVITY	IPR & Technology transfer
41.	22/04/2025	Masterclass on Patent and Design Registration	QUARTER -III	MIC DRIVEN ACTIVITY	IPR & Technology transfer
42.	21/04/2025	Inauguration of UTSAV AND World creativity & Innovation day	QUARTER -III	MIC DRIVEN ACTIVITY	IPR & Technology transfer
43.	26/06/2025	Startup Summit: Demo Day/Exhibition of Start-Ups & Linkage with Innovation Ambassadors/Experts for Mentorship Support	QUARTER -IV	CALENDAR ACTIVITY	Innovation & Design Thinking
44.	21/06/2025	Organise an Inter/Intra Institutional Start-up Competition and Reward Best Start-ups	QUARTER -IV	CALENDAR ACTIVITY	Entrepreneurship & startup
45.	02/06/2025	Organizing Innovation & Entrepreneurship Outreach Program by involving ATLS/SICs in Schools	QUARTER -IV	CALENDAR ACTIVITY	Innovation & Design Thinking

46.	09/06/2025	Session/ Panel discussion with innovation and Start-up Ecosystem Enablers from the region/state/national level	QUARTER -IV	CALENDAR ACTIVITY	Entrepreneurship & startup
47.	02/07/2025	Session on Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs.	QUARTER -IV	CALENDAR ACTIVITY	Entrepreneurship & startup
48.	16/07/2025	Organise Session on "Lean Start-up & Minimum Viable Product/Business"- Boot Camp (or) Mentoring Session	QUARTER -IV	CALENDAR ACTIVITY	Entrepreneurship & startup
49.	01/08/2025	Session on Accelerators/Incubation - Opportunities for Students & Faculties - Early-Stage Entrepreneurs.	QUARTER -IV	CALENDAR ACTIVITY	Entrepreneurship & startup
50.	06/08/2025	Session on Innovation/Prototype Validation - Converting Innovation into a Start-up or Session on Achieving "Value Proposition Fit" & "Business Fit"	QUARTER -IV	CALENDAR ACTIVITY	Innovation & Design Thinking
51.	29/07/2025	5th Anniversary of National Education Policy (NEP) 2020	QUARTER -IV	CELEBRATION ACTIVITY	Entrepreneurship & startup
52.	21/08/2025	World Entrepreneurs Day	QUARTER -IV	CELEBRATION ACTIVITY	Entrepreneurship & startup
53.	15/08/2025	Independence Day- Celebrating Aazadi Ka Amritkal	QUARTER -IV	CELEBRATION ACTIVITY	Innovation & Design Thinking
54.	05/06/2025	World Environment Day	QUARTER -IV	CELEBRATION ACTIVITY	Innovation & Design Thinking
55.	04/07/2025	Podcast Series on "Rashtra Pratham" and "Celebrating Failures"	QUARTER -IV	MIC DRIVEN ACTIVITY	Innovation