



KMCH COLLEGE OF PHARMACY

Approved by Government of TamilNadu and Recognized by PCI, New Delhi.
Affiliated to The Tamil Nadu Dr. M.G.R. Medical University, Chennai.



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News Letter

January - June 2025

Issue No : 16

Vision

- To nurture world class pharmaceutical professionals and researchers.

Mission

- To provide and continuously upgrade the infrastructure, state-of-the-art technology and training for the students and faculty.
- To encourage high quality research in drug discovery in collaboration with industries.
- To implement modern pedagogical methods in class room and laboratories for improving teaching and learning process.
- To inculcate and maintain national and international level of excellence in undergraduate, post graduate and research programs.

Program Outcomes

- **Pharmacy Knowledge:** Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.
- **Planning Abilities:** Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.
- **Problem analysis:** Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.
- **Modern tool usage:** Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
- **Leadership skills:** Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.
- **Professional Identity:** Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).
- **Pharmaceutical Ethics:** Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.
- **Communication:** Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.

- **The Pharmacist and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.
- **Environment and sustainability:** Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.

It gives us immense pleasure to release the bi-annual Newsletter of KMCH College of Pharmacy July 2023 to December 2023. We are grateful to our Chairman, Trustee Madam, CEO and Chief Operating Officer of Dr. NGPRET for their support to release this newsletter. We thank our Principal, Vice Principal and other faculty members for their continuous support and suggestions throughout the process of this publication. We are thankful to NEWSLETTER & MAGAZINE committee members for their efforts in bringing this newsletter in a good shape.



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Professor



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Assistant Professor

ACHIEVEMENTS

AWARDS RECEIVED BY STUDENTS

B.Pharm first semester students received best innovation award and Pharm D first year students received best craftsmanship award at Anatomy and Physiology exhibition conducted by Nightingale group of institutions, Coimbatore held on Feb 6th & 7th, 2025.



**Students of First semester
B.Pharm receiving innovation award**



**Students of First Pharm D receiving
best craftsmanship award**

Loganathan K of B. Pharm final year student has won the first prize for scientific poster presentation at the National Conference on Inflammation and Drug Discovery held on 7th Feb, 2025.



**Loganathan K Wins First Prize at
National Conference**

Stalin A, B.Pharm final year student, participated in a one-day national conference titled "Advancing Healthcare Frontiers: The Role and Significance of Pharma Research in Modern Drug Discovery" held on 10th February 2025 at Jamia Salafiya Pharmacy College, Malappuram, Kerala. He delivered an oral presentation and was awarded the Best Oral Presentation in the Department of Pharmaceutical Chemistry, receiving a certificate and cash prize.



**Stalin receiving the
Best Oral Presentation Award**

On 19th February 2025, Malligeshwaran N, a student of M. Pharm in Pharmacology, was awarded Rs. 7,500 under the Student Project Scheme 2023-2024 by the Tamil Nadu State Council for Science and Technology.

On 22nd February 2025, Jaya Krishnan V, a B. Pharm student, secured 2nd place in the Poster Presentation at Dhanalakshmi Srinivasan University, Perambalur.



**Stalin receiving First Prize at National
Seminar on AI in Drug Discovery & Healthcare**

On 15th March 2025, Stalin A, B. Pharm student, won 1st place at the National Seminar on "Artificial Intelligence in Drug Discovery and Healthcare" held at Rathinam College of Pharmacy, Coimbatore.

On 4th April 2025, Ragul S, a student of M. Pharm in Pharmaceutics, was honoured with the Dr. P. D. Patil National Award for Best Thesis in Pharmaceutical Sciences 2024 at Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pune.

On 11th April 2025, Kanisma R. M., a student of M.Pharm Pharmaceutics, was awarded Rs. 7,500 under the Student Project Scheme 2023-2024 by the Tamil Nadu State Council for Science and Technology.

AWARDS RECEIVED BY FACULTY MEMBERS

Dr. Shalini Sivadasan, Professor, Department of Pharmacy Practice received the prestigious Dr. Sulaiman Al Habib Medical Journal-Research award on February 12, 2025, with a cash prize of 50,000 SAR.



Dr. S. Shalini receiving Dr. Sulaiman Al Habib Medical Journal-Research award

On 4th April 2025, Dr. R. Gayathri, Professor, Dept of Pharmaceutics was honoured with the prestigious Dr. P. D. Patil National Award for Best Thesis in Pharmaceutical Sciences 2024.



Dr. R. Gayathri Professor of Pharmaceutics receiving Dr. P. D. Patil National Award

PATENTS FILED BY FACULTY MEMBERS:

"Design and Evaluation of Nanosponge-Based Hydrogel for Topical Delivery" patent filed by Dr. C. Sundaramoorthy and Dr. R. Gayathri under Patent No. 202541002410 A, on Jan 10th, 2025.

"Formulation and Evaluation of Nano Transfersomal Gel" (Patent No. 202541002411 A) filed by Dr. Gayathri R, Dr. M. Jegathis Kumar, Mrs.D. Vasumathi, and Mrs.B. Dharani Priya on Jan 10th, 2025.

SCIENTIFIC AND SCHOLARLY PRESENTATIONS:

RESEARCH PAPER PRESENTATIONS BY STUDENTS

January 9–11, 2025

Ashwaak Jafeer, Pharm.D student, participated and presented a paper (Oral Session) at the national conference on "*Transforming Pharmacy Practice for Value-Based Care Models*" held at Manipal College of Pharmaceutical Sciences, Karnataka. The presentation reflected a strong understanding of evolving healthcare delivery systems and emphasized the critical role of pharmacists in improving patient outcomes through value-based care.

January 9–11, 2025

Sneha G and Padma Priya R M, M.Pharm students, presented a poster at the same conference. Their

work highlighted innovative strategies for enhancing pharmaceutical care aligned with value-based healthcare frameworks.

January 9–11, 2025

Prathikshaa P, Sowndarya J V, Harani B, Sayli Y, Seema Bhegam M R, and Thorana Sri J, Pharm.D students, also participated and presented a poster at the Manipal conference. Their research focused on the evolving responsibilities of pharmacists in delivering patient-centered, outcome-driven care within value-based healthcare models.

March 12, 2025

Sivakumar L, Allen D, Dhilipkumar V, and Vihashini M, M.Pharm students, presented a paper (Oral Session) at the 4th International Conference on Transforming Pharmaceutical Sciences & Pharmacoeconomics through Artificial Intelligence (AI) & Machine Learning (ML) held at Chalapathi Institute of Pharmaceutical Sciences, Andhra Pradesh. Their work demonstrated the integration of AI and ML in pharmaceutical research and highlighted their potential to enhance healthcare outcomes and economic value.

April 11–12, 2025

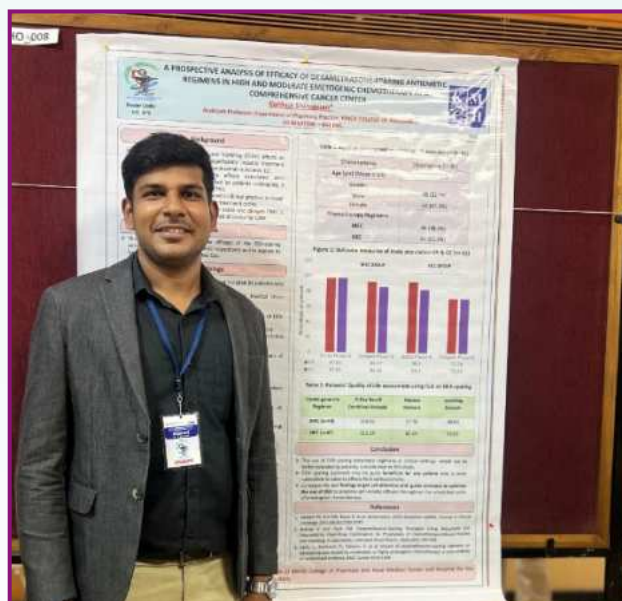
Mukil M, Harani S, Sivane Sunil Kumar, and Harish Kumar E, M.Pharm students, participated in the National Conference on “Current Perspectives of 4Rs in Alternatives to Animal Testing” at JSS College of Pharmacy, Ooty. They presented an e-Poster focusing on ethical and scientific advances in reducing animal usage in research through the 4Rs principles—Replacement, Reduction, Refinement, and Responsibility.

RESEARCH PAPER PRESENTATIONS BY FACULTY MEMBERS

January 9, 2025

Dr. Karthick M, Lecturer, Department of Pharmacy Practice, participated and presented a poster at the 10th International Conference on Clinical

Pharmacy under the theme “Transforming Pharmacy Practice for Value-Based Care Models” held at Manipal College of Pharmaceutical Sciences, Karnataka. His presentation titled “A Prospective Study on Efficacy of DEX-Sparing Anti-Emetic Regimen in Moderate to High Emetogenic Chemotherapy” explored clinical strategies to optimize supportive care in oncology.



Poster Presentation by M. Karthick at the Conference

January 9–11, 2025

Mrs. Arya Sathyan, Assistant Professor, Department of Pharmacy Practice, participated and delivered an oral presentation at the same conference on “Transforming Pharmacy Practice for Value-Based Care Models”.

March 20–21, 2025

Mrs. D. Vasumathi and Mrs. B. Dharani Priya, Assistant Professors, Department of Pharmaceutics, presented an oral research paper at the International Conference on Digital Transformation in Pharmaceutical Industry and Healthcare, held at Dr. M.G.R. Educational and Research Institute, Chennai. Their research, titled “Formulation and Characterization of Atorvastatin-Loaded Amorphous Calcium Phosphate

Microspheres to Enhance Angiogenesis and Osteogenesis Properties,” showcased an innovative approach to targeted drug delivery in regenerative medicine.



Mrs. D. Vasumathi and Mrs. B. Dharani Priya participation at the Conference

EXPERT TALKS BY FACULTY:

28 Jan 2025

Dr. A. Rajasekaran, Principal and Professor, KMCH College of Pharmacy, was invited as the Chief Guest and Expert Speaker for the National-level Five-Day Faculty Development Programme (FDP) titled “Transforming Pharmacy Education: An FDP on Cutting-Edge Strategies for Teaching, Innovation, Research, and Leadership.”

The program was designed to enhance the academic, pedagogical, and leadership competencies of faculty members from across pharmacy institutions. Dr. Rajasekaran delivered the inaugural lecture on the topic “Effective Evaluation Strategies: Crafting Accurate and Fair Assessment Tools”, where he emphasized innovative, transparent, and outcome-based assessment models aligned with modern accreditation and competency-based education frameworks.

His session received widespread appreciation for its depth, clarity, and actionable insights. He also interacted with participants, addressing questions related to assessment reforms and faculty development. The organizing committee

acknowledged his distinguished academic leadership, and his presence added significant value to the overall impact and success of the FDP.



Chief guest Dr. A. Rajasekaran lighting kuthuvilaku at the inauguration of faculty development program



Dr. A. Rajasekaran, Principal, KMCH College of Pharmacy delivering the keynote address

February 8, 2025

Dr. S. Kumar, Assistant Professor, delivered a guest lecture during the SPSS Workshop for Research Scholars at PSG College of Arts & Science, Coimbatore. His session provided practical insights into statistical tools and applications for research data analysis.

April 3, 2025

Dr. S. Kumar also served as a resource person at the National Conference on Nurturing Nursing Excellence with Research Erudition held at Revathi College of Nursing, Tirupur. He delivered a talk on “Sampling and Sample Size Estimation”, offering valuable guidance to budding nursing researchers on methodological accuracy in study design.

March 19, 2025



Dr. R. Arivukkarasu delivered a technical lecture on *“Quality Control and Standardization of Herbal Raw Materials/Finished Herbal Formulations as per Pharmacopoeial Requirements”*.

June 12, 2025



Dr. K. Suresh Kumar, Vice Principal and Professor, delivered a keynote lecture at the International Conference on Artificial Intelligence as an Emerging Tool in Drug Discovery and Development for the Pharma Industry, held at Senghundur College of Pharmacy, Tiruchengode.



FDPS PARTICIPATED BY FACULTY:

March 24–28, 2025

Dr. Jegathis Kumar, Assistant Professor, Department of Pharmacy Practice, successfully completed a Faculty Development Programme on “Innovation and Entrepreneurship” organized by PSG College of Technology, Coimbatore. The program aimed to cultivate innovative thinking and promote entrepreneurial skills among academic professionals.



March 28, 2025

Mr. S. Dhinesh Kumar, Assistant Professor, Department of Pharmaceutical Chemistry, participated in the International Faculty Development Programme on “Integration of Sustainable Practices in Pharmaceuticals: Academia, Industry, Research and Public Health” held at VELS Institute of Science, Technology & Advanced Studies (VISTAS), Chennai. The FDP focused on aligning pharmaceutical practices with sustainability principles across education, industry, and public health sectors.

INDUSTRIAL VISIT ORGANIZED FOR ADVANCED RESEARCH EXPOSURE

25 February 2025

A group of B.Pharm students undertook an industrial visit to M/s Pharmafabrikon, Madurai.

The visit was coordinated and supervised by Mr. S. Dhinesh Kumar and Mrs. D. Vasumathi, faculty members from the Department of Pharmaceutical Sciences. The students gained valuable exposure to pharmaceutical manufacturing processes, quality control measures, and industrial operations, enriching their understanding of real-world applications in the field.



Students Visit Pharmafabrikon, Madurai – Gaining Industrial Insights

- June 14, 2025

M.Pharm students of KMCH College of Pharmacy visited Spinos Life Sciences and Research Lab Pvt. Ltd., Thudiyalur, Coimbatore, as part of their industrial exposure program. The visit was coordinated under the guidance of Principal Dr. A. Rajasekaran, accompanied by Dr. V.S. Thiruvengadarajan, Mr. I. Ponnilarasan, and Dr. N. Tamilselvi. The visit provided students with valuable insights into cutting-edge research methodologies, industrial-scale laboratory practices, and the integration of innovation in pharmaceutical R&D, thereby bridging the gap between academic learning and real-world applications.



Industrial visit by M.Pharm students to Spinos Life Sciences and Research Lab Pvt. Ltd., Thudiyalur, Coimbatore

TRAINING AND KNOWLEDGE ENHANCEMENT PROGRAMS:

STUDENT PARTICIPATION:

- January 22–23, 2025

A. Stalin, K. Yashwanth, R. Vikram, and R. Dhayagesh from B.Pharm actively participated in the International Conference on “Cancer Epigenetics: From Laboratory Studies to Precision Medicine”, organized by the Manipal School of Life Sciences, Manipal, Karnataka.

- February 6–7, 2025

A group of B.Pharm students attended Inflammo-CON 2025, an international symposium focusing on inflammatory diseases, held at the Manipal College of Pharmaceutical Sciences (MCOPS), Karnataka.

- February 21, 2025

Pharm D students showcased their awareness efforts by participating in a Drug Awareness Mime Competition, conducted by Sri Ramakrishna College of Arts & Science, Coimbatore.

- February 22, 2025

B.Pharm students attended a National Seminar on Recent Trends in Pharmaceutical Sciences, hosted by Dhanalakshmi Srinivasan University, Tiruchirappalli.

- February 22–23, 2025

M.Pharm students took part in an advanced-level Workshop on Stem Cell Research at Indian Institute of Technology (IIT) Madras, Chennai.

- March 7, 2025

M.Pharm students attended a National Seminar on Bioprospecting and Ethnopharmacology, organized by Government Arts College, Coimbatore.

- March 15, 2025

Mr. Vikram A (B.Pharm IV sem) attended a one-day Seminar on Applications of Artificial Intelligence in Drug Discovery, organized by Rathinam College of Pharmacy, Coimbatore.

- March 20–21, 2025

B.Pharm students actively participated in an International Conference on Advances in Pharmaceutical and Biomedical Sciences hosted by Dr. M.G.R. Educational and Research Institute (Deemed to be University), Chennai.

- April 11–12, 2025

M.Pharm students attended the National Conference on Implementation of 4Rs (Replacement, Reduction, Refinement, and Rehabilitation) in Laboratory Animal Testing, conducted at JSS College of Pharmacy, Ooty.

EVENTS ORGANIZED:

Soft Skills Development, Entrepreneurship, and Innovation Program

On 3rd January 2025, a Soft Skills Development, Entrepreneurship, and Innovation Program was organized. The session featured a guest lecture by Mr. Karthik Rangarajan, who addressed the students on the importance of communication skills, creative thinking, and entrepreneurial mindset in shaping successful pharmacy professionals. The program aimed to enhance the professional competencies of students and encourage innovation-driven career development in the pharmaceutical sector.



Guest Talk on Soft Skills and Innovation by Mr. Karthik Rangarajan

National Youth Day Celebration 2025

The National Youth Day Celebration was held on 24th January 2025 where B.Pharm students

actively participated in the event and engaged in interactive sessions that celebrated the ideals and teachings of Swami Vivekananda, inspiring youth empowerment, leadership, and social responsibility.



Students Honouring Swami Vivekananda's Vision – Youth Day Celebration

National Voter's Day 2025 Observance

On the occasion of National Voter's Day 2025, students took the voter's pledge to uphold the democratic values of the nation. The oath was administered by Mr. I. Ponnilaravasan, Associate Professor, Department of Pharmaceutical Analysis, encouraging students to exercise their right to vote responsibly and ethically.

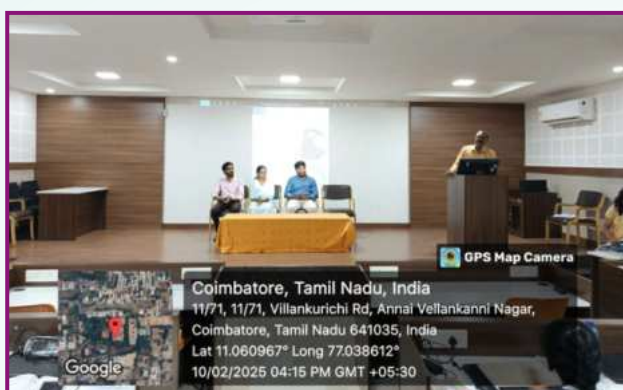


Oath Taken by Students on National Voter's Day 2025

Workshop on Statistical Analysis System (SAS)

A workshop on Statistical Analysis Software (SAS) was organized at KMCH College of Pharmacy from 6th to 10th March 2025, aimed at equipping students with practical skills in data management, statistical analysis, and SAS programming. The sessions were systematically designed, beginning

with foundational concepts and advancing to complex analytical techniques, ensuring a comprehensive and structured learning experience. Participants gained valuable insights into the real-world applications of SAS in pharmaceutical research, clinical studies, and healthcare analytics, enhancing their competence in data-driven decision-making and research methodologies.



**Inaugural Address by Principal
Dr. A. Rajasekaran at SAS Workshop**

Upskilling and Certification Program under PMKVY 4.0

The Upskilling and Certification Program under the Pradhan Mantri Kaushal Vikas Yojana 4.0 was inaugurated by Drugs Inspector Mr. G. Prakash, M. Pharm, as Chief Guest in presence of trainer, Dr. A. Rajasekaran, M. Pharm., Ph.D., Principal, KMCH College of Pharmacy, Coimbatore. The inauguration ceremony was witnessed by the Vice Principal, Dr. K. Suresh Kumar, HOD of Pharmaceutical Chemistry, Dr. S. Shalini, HOD of Pharmacy Practice and along with organizing members Dr. N Kiruthiga and Dr. M. Karthick. On this occasion, trainer of this program, Dr. A. Rajasekaran emphasized the importance of skill development in today's job market, while Mr. G. Prakash encouraged the participants to make the most of the opportunity to enhance their skills. The program aims to empower individuals by providing necessary training and certification, boosting their career prospects.



**Inauguration of Upskilling and Certification
Program under PMKVY 4.0**

Guest Lecture on Innovation Development and Technology Transfer

A session on “Innovation Development Process, Technology Readiness Levels (TRL), Commercialization of Laboratory Technologies, and Technology Transfer” was conducted on 21st February 2025 at KMCH College of Pharmacy. The session was led by Dr. T. Arockia Doss, Assistant Professor & Head i/c, Department of Physics, Directorate of Distance Education, Madurai Kamaraj University, Madurai, in collaboration with the Institution's Innovation Council. The session aimed to enhance understanding of the innovation pipeline—from research ideation to commercialization—equipping faculty and students with knowledge on scaling technologies and navigating readiness levels for industry adoption.



**Dr. T. Arockia Doss Addresses on Innovation,
TRL, and Tech Transfer**

International Women's Day celebration

International Women's Day was celebrated on 8th March 2025 organized by the Women Development Cell. Dr. Sophia Reena from PSGR Krishnammal College for Women, Coimbatore, was the Guest of Honor and delivered an inspiring talk, sharing valuable life lessons with the audience. Prizes for competitions conducted earlier were distributed to students and faculty by the chief guest. The event celebrated the achievements, strength, and resilience of women.



Practice School Training – Fostering Future-Ready Pharmacy Professionals

As part of the Practice School Training initiative, students underwent industry and hospital-based training across various prominent pharmaceutical

companies including Areete Life Sciences, Bafna Pharmaceuticals, Medopharm, Strides Pharma, and Viatris Pharmaceuticals. This initiative aimed to bridge academic learning with practical experience in manufacturing, R & D, clinical pharmacy, and quality assurance. The program significantly enhanced students' industry readiness and professional competence.

International Yoga Day 2025 Celebration

KMCH College of Pharmacy celebrated International Yoga Day on 21st June 2025 with enthusiastic participation. Principal Dr. A. Rajasekaran inaugurated the event, emphasizing the relevance of yoga philosophy, mindfulness, and holistic health. Mrs. Vasudha M and Mrs. Poongodi S, experienced yoga professionals from Veerampalayam Manavalakalai Mandra Trust, led the session. Their guidance inspired the students toward physical, mental, and spiritual well-being.



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D. Pharmacy	Specialities:	Pharm D (Doctor of Pharmacy)
B. Pharmacy	• Pharmacy Practice	Pharm D (Post Baccalaureate)
M. Pharmacy	• Pharmaceutics	Ph.D.
	• Pharmacology	
	• Pharmaceutical Analysis	



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