



# INNOVISTA

BI-ANNUAL NEWSLETTER BY THE DIRECTORATE OF RESEARCH

**KMCT GROUP OF INSTITUTIONS**

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### Message from the Chairman

I'm very pleased to see the second edition of our research newsletter, "Innovista," from the Directorate of Research. What makes me even prouder are the research achievements our students and faculty have made over the past six months. Well done to the team behind Innovista for highlighting these accomplishments and presenting our journey in research and innovation.

**Dr. Navas K.M.**  
Chairman  
KMCT Group of Institutions



### Message from the Executive Trustee & Director

First of all, I appreciate the enthusiasm of the Directorate of Research in ensuring that another edition of the newsletter was published as planned. It has excellently showcased some of our journey in research and innovation. I feel proud to see how far our academic community has come in achieving these remarkable accomplishments in such a short span of time, and I'm confident we have the potential to achieve even more. Well done, and to the readers, may this inspire you as well.

**Dr. Ayisha Nazreen**  
Executive Trustee & Director  
KMCT Group of Institutions



### Message from the Chief-Editor

We are happy to release the latest edition of Innovista, the newsletter brought out by the Directorate of Research, KMCT Group of Institutions. As we highlight the research and related accomplishments of KMCT, this space would not have been possible without the enthusiasm of our academic community in fostering research and innovation. I wish everyone an informative and enjoyable reading experience.

**Dr. Shamnas M**  
M.Pharm, PhD  
Chief Editor, Directorate of Research  
KMCT Group of Institutions

## About the Newsletter

KMCT Group of Institutions is one of the largest groups of educational institutions in Kerala, with campuses spanning across Calicut and Malappuram, and Kasargod districts. It includes professional institutions in fields such as medicine, dentistry, pharmacy, nursing, allied health sciences, engineering, management, law, design, architecture and more. The Directorate of Research at

KMCT has been established to streamline and enhance research activities across the institutions, providing necessary support, resources, and infrastructure to faculty and student researchers. With the management's guidance, the Directorate aims to not only build a strong research culture but also to achieve global recognition through

groundbreaking research with focus given to incorporate sustainability development goals. This bi-annual newsletter highlights the collective achievements of our academic and healthcare community, keeping readers informed about the latest research breakthroughs and providing tips for successful research publication



# KMCT: A LOOK BACK AT THE PAST SIX MONTHS

## KMCT Medical College Earns A+ in KUHS QAS Accreditation

KMCT Medical College is proudly accredited with A+ grade in KUHS QAS Accreditation, reflecting our commitment to ensuring quality in every sphere of education and healthcare.



KMCT Medical College Hospital now holds double NABH accreditation, first for our hospital and now for our Emergency Department, demonstrating our commitment to quality, safety, and excellence in healthcare.



## New Collaborations: Recent MoUs at KMCT

KMCT Dental College Renews MoU with Institute of Palliative Medicine for the next five years, strengthening collaboration in training, research, and community service.



KMCT Dental College has signed an MoU with TIMed, the incubator of Sree Chitra Tirunal Institute for Medical Sciences and Technology.



National College of Pharmacy has signed an MoU with MVR Cancer Centre and Research Institute to strengthen academic, clinical, and research initiatives.



KMCT Group of Institutions signed an MoU with Western Sydney University, Australia. The agreement was signed by Ms. Deborah Sweeney, Provost and Deputy Vice-Chancellor & Vice-President (Research, Enterprise and International), WSU, and Dr. Santhosh V.C., Chief of International Affairs, KMCT Group of Institutions.



## Our Young Researchers - KUHS Research Appreciation Awards

We proudly recognize the achievements of our young researchers who received the KUHS Research Appreciation Awards.

**KMCT MEDICAL COLLEGE**  
31 STUDENTS

**KMCT DENTAL COLLEGE**  
8 STUDENTS

**KMCT COLLEGE OF ALLIED HEALTH SCIENCES**  
17 STUDENTS

**KMCT AYURVEDA MEDICAL COLLEGE**  
5 STUDENTS

**NATIONAL COLLEGE OF PHARMACY**  
1 STUDENT

**TOTAL AWARDEES**  
62 STUDENTS

Seven of our MBBS students ( Athira M R, Sreya P S, Anushka M C, Hiba Mahesa C K, Rohan Ramzi, Rida Gulzar, Nasma Sherin) at KMCT Medical College have been awarded the KUHS Research Appreciation Awards for their outstanding contributions to medical research.



Anagha R G, a student at National College of Pharmacy, has been shortlisted for KUHS Research Appreciation Award 2025 under the guidance of Dr. Rajeev P. Thomas (Professor and HOD, Department of Pharmacy Practice).



# ICMR STS GRANT RECIPIENTS

## Recipient of the prestigious ICMR- STS Studentship 2025



**Vishnupriya Ajay**  
(2023 MBBS Batch)



**Rinsha Rashid**  
(2023 MBBS Batch)

**KMCT MEDICAL COLLEGE**  
Special Appreciation to their Guides



**Dr. Rajkumar Chemudugunta**  
(Senior Resident, Dept. of Pathology)



**Dr. Minsha Fathima V**  
(Assistant Professor, Dept. of Radiology)

## Recipient of the prestigious ICMR- STS Studentship 2025



**Sana Anas**  
(2023 Batch)



**Fathima Siham Rasheed**  
(2024 Batch)

**KMCT DENTAL COLLEGE**  
Special Appreciation to their Guides



**Dr. Aromal**  
Dept. of Public Health Dentistry  
KMCT Dental college



**Dr. Fawaz Varik**  
Dept. of Orthodontics  
KMCT Dental college

## ICMR MDS STS GRANT 2025



**Dr. Athira A**  
Postgraduate (2024 batch)  
Department of Pedodontics  
KMCT Dental college



**Dr. Amith Adyanthaya**  
Professor & HOD  
Department of Pedodontics  
KMCT Dental college

# PATENTS GRANTED

KMCT Dental College has successfully secured a patent for its own invention: the Recycling of nickel and titanium from disposed rotary endodontic files using sulphuric acid leaching, showcasing innovation in sustainable dental research.



Mrs. Praseena K., Professor at National College of Pharmacy, has been awarded a patent for the invention "Nanoparticle-Based Drug Delivery System for the Treatment of Cancer" by the Patent Office, Government of India.



Dr. Aswathi Vinod, Associate Professor at KMCT Dental College, has been awarded a UK design patent for her invention titled 'Dental Appliance for the Detection of Dental Caries Using Near Infrared Reflectance,' developed in collaboration with TKM Institute of Technology, Kollam.



# SPOTLIGHT ON EXCELLENCE

Dr. Dhanya Muralidharan, Research Officer, Directorate of Research, and Professor & Head, Department of Public Health Dentistry, KMCT Dental College, was awarded the Best Paper Award at the 29th National Conference of the Indian Association of Public Health Dentistry, held at the TMA Pai International Convention Centre, Mangalore.



Dr. Abu Nazar N., Reader, Department of Prosthodontics, KMCT Dental College, was awarded his first international research grant in 2025 by the American Academy of Implant Dentistry Foundation for the project titled "Application of Artificial Intelligence in Implant Treatment Planning," in collaboration with NIT Calicut.



Dr. Anju R V, Reader in the Department of Periodontics at KMCT Dental College, secured the Research Assistance Grant 2025 from the Indian Society of Pedodontics and Preventive Dentistry.



Prof. Dr. Santhep S., Principal of KMCT College of Allied Health Sciences, received the Academic Excellence Award at the national conference "Advancing the Research Capacity in Allied Health Professions: Shaping the Future of Quality Healthcare," organized by Vinayaka Mission Research Foundation, School of Allied Health



Dr. Farsina N., final year MDS student at KMCT Dental College, received the Dr. Balaji Rao Award along with a cash prize for the National Best PG Research Paper at the 36th National Conference of the Indian Academy of Oral Medicine and Radiology.



Dr. Ameena Reema Chalil and Dr. Hamna TP, Junior Residents in the Department of Psychiatry at KMCT Medical College, secured first and second prizes respectively for their paper presentations at SIPSCON 2025 – 41st Annual Conference of the Kerala Branch of the Indian Psychiatric Society, organized by the Calicut Psychiatric Guild.



Dr. Kathirvel S, Principal of KMCT Institute of Pharmaceutical Education and Research, attended Elsevier's global Tomorrow Today in Research Forum titled "Aligning Research with the SDGs: Strategy, Rankings & Beyond," held on 13 November 2025 at Amrita Vishwa Vidyapeetham, Coimbatore. The event focused on enhancing institutional research performance, sustainability, and data-driven decision-making.



KMCT Dental College has secured 10th position in YIP 8.0 at the state level under the category of Medical and Paramedical Colleges. This remarkable achievement highlights the college's commitment to fostering innovation and encouraging students to develop impactful ideas that address real-world challenges.



## YIP 8.0 – State Level Leader Board (Medical & Paramedical Colleges)

Rank	Institution Name	District	Academic Control	Students Registered	Ideas Submitted
1	URSANA COLLEGE OF NURSING	Kollam	KLHS	291	73
2	Holy Cross College of Nursing, Kottayam	Kollam	KLHS	260	69
3	MMS College of Nursing, Malappuram	Malappuram	KLHS	202	56
4	Travancore College of Nursing	Kollam	KLHS	156	44
5	POYARI, COLLEGE OF NURSING	Pathanamthitta	KLHS	178	23
6	COLLEGE OF NURSING GURU EDUCATION TRUST THEKONILLA	Pathanamthitta	KLHS	143	17
7	Mar Discorus College of Pharmacy, Sreekarayam	Thiruvananthapuram	KLHS	53	15
8	St. Thomas College of Nursing, Chethipuzha, Changacherry	Kottayam	KLHS	209	13
9	JUBILEE MISSION COLLEGE OF NURSING, THRISSUR	Thiruvananthapuram	KLHS	55	12
10	KMCT DENTAL COLLEGE	Kozhikode	KLHS	52	9

Leaderboard based on idea submissions as of 17 Nov 2025. Positions may change with new submissions.  
Website: <https://yip.kdsc.edu.in/> | Contact: [yp@kdsc.edu.in](mailto:yp@kdsc.edu.in)

# RESEARCH SKILL ENHANCEMENT INITIATIVES

KMCT Dental College conducted a value-added course on Basic Research Methodology for Biomedical Research from October 28th to 30th to enhance research skills and scientific understanding.



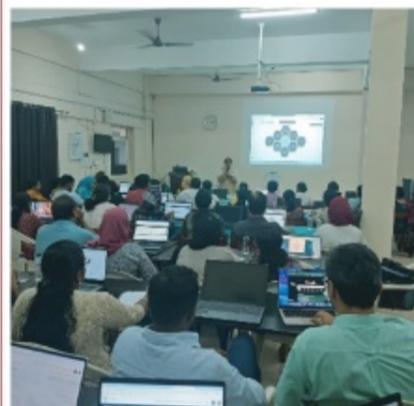
A training session titled "Libraries at the Core: Fostering Research, Pedagogy, and Knowledge Creation" was conducted by the Directorate of Research on 28th October 2025 to strengthen library-supported research and academic practices among KMCT representatives.



KMCT Law College conducted a Faculty Development Program on "Pathways to Academic Excellence: FDP on Research, PhD, and Teaching Mastery" to enhance academic and professional competencies among faculty members.



A hands-on training session on SciVal, a platform for research performance analysis, was held for the scholarly community at KMCT Group of Institutions, organised by the Directorate of Research on 22nd October 2025, with Mrs. Sheena Warriar from Elsevier as the resource person.



A training session on "Scientific Writing and Publication" was held for students at National College of Pharmacy on 09th September 2025 by Dr. Deepak V. S. to enhance their knowledge and skills in scientific writing.



# THE SCHOLAR'S ZONE: MASTERING RESEARCH AND PUBLICATION

## ORCID: Strengthening Your Research Identity

In today's research ecosystem, maintaining a distinct academic identity is crucial. ORCID (Open Researcher and Contributor ID) provides researchers with a unique digital identifier that distinguishes their work from others with similar names.

By linking your ORCID iD to your publications, grants, conference papers, and institutional profiles, you ensure proper attribution and increase the visibility of your work. Many journals and funding agencies now require ORCID iDs during

submission, making it an essential tool for career advancement.

ORCID also integrates seamlessly with platforms like Scopus, Web of Science, and Google Scholar, helping track your research impact over time. Faculty and students are encouraged to register for a free ORCID iD and use it consistently across all scholarly communications to enhance credibility, streamline collaboration, and strengthen their global research presence.

To create an ORCID iD, go to the ORCID website, click "sign in or register," and then select "register now"



ORCID

Connecting Research and Researchers

## Meet Your Research Companion: SciVal!

Are you passionate about research but find it difficult to navigate the process?

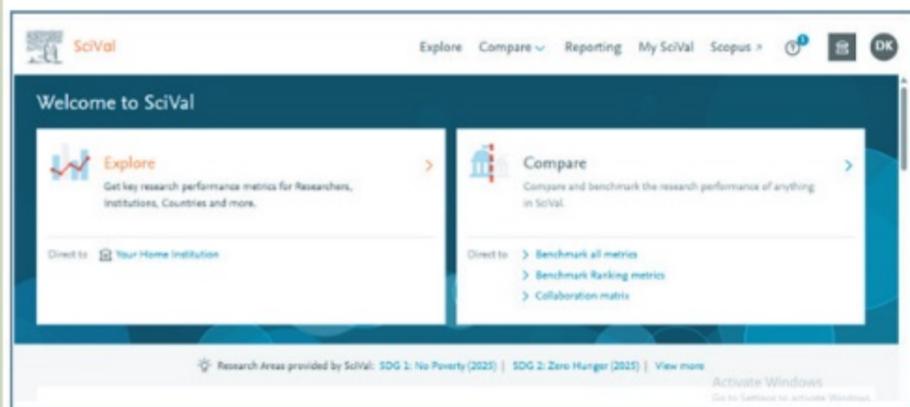
Have you ever wished for a companion to guide you in carrying out impactful research that leads to higher-quality publications?

Well, we have great news! KMCT Group of Institutions now provides access to SciVal, a powerful research analytics platform by Elsevier, designed to help you:

- Identify emerging research trends
- Track your research impact and citations
- Find potential collaborators globally
- Discover the best journals for your work

Let SciVal be your research companion and take your work to the next level!

Log in to SciVal from your campus network and explore its tools to improve your research. Be a researcher who makes a difference. For assistance, email us at [research@kmct.org](mailto:research@kmct.org)



# RECENT SCHOLARLY CONTRIBUTIONS FROM KMCT

## KMCT Medical College

1. Gautam, D. V. (2025). Role of Lung Ultrasound as a Diagnostic Modality in Neonates Admitted in NICU with Respiratory Distress. *Journal of Applied Bioanalysis*, 20–29.

<https://doi.org/10.53555/jab.v11i3.234>

2. Srihari, S., Poddar, S., Riyaz, N., Kumar, S. P., Chigullapalli, D., Shankar, V., Vyas, K., Verma, R., Sangolli, P., Mittal, K., & Podder, I. (2025). Etiopathogenesis and Current Management of Oncogenic Pruritus - A Narrative Review. *Indian Journal of Dermatology*, 70(5), 257–266.

[https://doi.org/10.4103/ijd.ijd\\_523\\_24](https://doi.org/10.4103/ijd.ijd_523_24)

## KMCT Dental College

1. Muralidharan, D., Paul, A., Panangadanakath, S., Nandakumar, S. T., Poothotill, S. S., MoiduKunhi, R. A., & Ameen, Z. (2025). COVID-19 Vaccine Acceptance and Hesitancy: Perceptions in Kerala, the Indian State With the Highest Literacy. *Journal of preventive medicine and public health = Yebang Uihakhoe chi*, 58(5), 527–537. <https://doi.org/10.3961/jpmph.25.137>

2. Narayanan, P., SV, R., Simon, E. P., Raveendran, C., Koroth, S. (2025). Assessment of fracture behaviour in heat treated NiTi rotary endodontic files following multiple uses: An in-vitro study. *IP Indian J Conserv Endod*, 10(2), 109–112. <https://doi.org/10.18231/j.ijce.2025.019>

3. Chandran, S., Ashik, M., P Simon, E., & Kurian, N. (2025). A comparative evaluation of efficacy of smear layer removal using a novel handpiece mounted continuous irrigation system – An in vitro stereomicroscopic study. *IP Indian Journal of Conservative and Endodontics*, 10(3), 191–196. <https://doi.org/10.18231/j.ijce.11444.1758947709>

4. DSouza, H., Mohammed, A., Almontashiri, A. A., Kumar, V. V. H., Mulla, M., Khader, A. A., Bhowmick,

S., & Gupta, P. (2025). Knowledge, awareness and attitude of healthcare professionals toward the use of ChatGPT: A cross-sectional study. *Journal of Education and Health Promotion*, 14(1). [https://doi.org/10.4103/jehp.jehp\\_1699\\_24](https://doi.org/10.4103/jehp.jehp_1699_24)

5. P Simon, E., P, R., & Belaram, K. (2025). Efficiency of dental operating microscope over stereomicroscope in early detection of surface defects of Ni-Ti rotary instruments. *IP Indian Journal of Conservative and Endodontics*, 10(3), 197–201. <https://doi.org/10.18231/j.ijce.11518.1758363327>

6. Ranchini, V., Vengal, M., Ashir, K. R., & Fathima, E. M. (2025). Mucocoele arising from the glands of Blandin and Nuhn: A case-based perspective. *Journal of Indian Academy of Oral Medicine and Radiology*, 37(2), 248–251. [https://doi.org/10.4103/jiaomr.jiaomr\\_46\\_25](https://doi.org/10.4103/jiaomr.jiaomr_46_25)

## National College of Pharmacy

1. Biju C. Ramankutty, Jyothisree Gangadharan, Ayswarya Karingali, Arunlal V. Balan, Anilasree B. Parambath, & Shitha Gopalakrishnan. (2025). Unveiling the Bioactive Power of Apis Mellifera (L); Isolates and Their Role In Anti Inflammatory Activity. *Tropical Journal of Natural Product Research*, 9(10). <https://doi.org/10.26538/tjnpr/v9i10.18>



## Directorate of Research, KMCT Group of Institutions

Dr. Vijish Venugopal  
(Chairman, Directorate of Research)

Dr. Shamnas M  
(Research Officer)

Dr. Kathirvel S  
(Research Officer)

Dr. Dhanya Muralidharan  
(Research Officer)

Mrs. Sujatha Sarma  
(Research Administrative Officer)

Mrs. Thahira Shirin V K  
(Research Librarian)