



KERALA UNIVERSITY OF HEALTH SCIENCES, THRISSUR

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EDITORIAL

Dear All,

Let us congratulate the 185 undergraduate students and their mentors from affiliated colleges of Kerala University of Health Sciences (KUHS) for winning the KUHS Research Appreciation Award 2024. We appreciate their commitment and hard work. We at KUHS have developed an online system for the application and evaluation of this award. We can make it more student-friendly. Let us know your suggestions regarding the application process.

There is 'No Health without Research'. Research and research-related activities should thus be an integral part of undergraduate health science training. Let me also encourage the trainees and their mentors to be mindful of the setting in which health care is being provided. Most people in Kerala seek help at primary and secondary care settings. Health Science Institutions are linked to tertiary care hospitals, and thus, trainees usually get minimal exposure to primary care and secondary care.

There are many health and social care programs offered by the State Government and Local Self-Government Institutions (LSGIs). The LSGIs allow stakeholder participation in many of their projects. Gramma Panchayats, Block

Panchayats, and District Panchayats are expected to ensure community participation while planning and executing their projects.

Health science institutions in the locality can participate in planning and implementing some of these projects by the panchayats, municipalities, or municipal corporations. Involvement in health and social care projects of LSGIs will provide useful insights during the training period. This can also take the form of wider engagement with the local community, by undertaking implementation research or health service research. Service development often happens without adequate stakeholder consultation. If health science institutions partner with LSGIs in the development of projects that address the health and social care needs of the community, we can look forward to the development of user-friendly and evidence-informed services.

Trainees and their mentors should not limit themselves to clinical care settings. Many people live in the community with unmet care needs. Many of these individuals belong to marginalized sections of society, and we need to reach out to them. The treatment gap persists even when effective treatments are available. We need research to find ways to reduce this gap. Focus and investment in implementation research will help. Identifying barriers and facilitators is crucial for translating scientific evidence into accessible healthcare practice. Scaling up cost-effective services is essential for low- and middle-income countries. Engagement in implementation research is the way forward. We need to make sure that effective interventions reach those who need them most.

Prof. (Dr.) Shaji K. S
Director, SRCOP & Dean Research



Report of Training Program on Effective Implementation of New Competency Based Dynamic Curriculum (Third Professional BHMS)

Two days Training Program and Workshop on Effective Implementation of New BHMS Curriculum (III Professional BHMS) was conducted by Academic Staff College, KUHS on 3rd and 4th July 2025. The Faculty members of Homoeopathic Medical Colleges under KUHS who possessed FEP number, dealing with subjects of III Professional BHMS were eligible for participation. This Offline sensitization programme on CBD Curriculum and challenges of CBD Curriculum to all teachers of Homoeopathic Medical Colleges has been successfully completed for I BHMS and II BHMS.

The main aims of the program was:

1. To orient teachers on the new curriculum (III BHMS).
2. To bring out effective discussions on Competency Based Dynamic Curriculum as envisaged by NCH.
3. To orient teachers of III Professional BHMS on new T-L Practices, assessment methods, lesson planning and QP setting in the background of new Curriculum.
4. To reach consensus on effective implementation of the new syllabus.



Group Photo of the participants and resource persons with Vice Chancellor Prof. Mohanan Kunnummal

The two-day program was inaugurated by the Vice –chancellor Prof Dr. Mohanan Kunnummel and the occasion was felicitated by Registrar Prof. Dr. S Gopakumar, Controller of Examinations Dr. S. Anil Kumar, Visiting Professor ASC, Dr. Sajith Kumar.R. The Director ASC.Prof. Dr. Unnikrishnan welcomed the gathering and Dean Homeopathy Sciences Dr. Sanil Kumar Proposed the vote of thanks. The Participants of the workshop consisted of senior teachers from the institutions in each of the examination going subjects as well as non-exam going subjects of Third professional BHMS. A total of 30 participants attended from all the Homeopathic colleges affiliated to KUHS. Certificates will be issued online after the completion of the follow-up assignments.

Prof. (Dr.) V V Unnikrishnan
Director, Academic Staff College, KUHS

Report of Laerdal Medical- Educational Services Training of simulation expert on SIM MAN

Laerdal Medical- Educational Services has conducted a two-day Educational Services training for SIM-MAN on 10th and 11th July 2025, at Skill Training Lab 1st floor, Head Quarters, Kerala University of Health Sciences KUHS, Thrissur for the simulation faculty.



The main objectives of the program were:

- To provide high-quality simulation training in a multitude of different medical procedures and patient cases
- To train the team with state-of-the-art simulation technology designed to improve team performance within a risk-free environment
- To develop confidence to Use Sim-Man 3G as a stand-alone simulator
- To identify skill improvement areas for individuals as well as those essential for a team to function together, such as communication, behavior, and leadership

Total of 11 participants from 6 colleges attended the program. They shared their feedbacks and suggestions regarding the program and updated regarding the existing facilities in the KUHS simulation lab. The e-certificate was provided by Laerdal educational services.

Prof. (Dr.) V V Unnikrishnan
Director, Academic Staff College, KUHS

Dr. Mercy. P.J,
Associate Professor, Academic Staff College KUHS



RECENT PUBLICATIONS

1. Sriram S, Hasan S, Jayakanth M, Ahmad SA, Narayanan AK. Granular cell ameloblastoma: A rare case report with public health implications. *Medicine (Baltimore)*. 2025 May 9;104(19):e41992. doi: [10.1097/MD.00000000000041992](https://doi.org/10.1097/MD.00000000000041992). PMID: 40355213; PMCID: PMC12074107.
2. Anish TS, Indu PS, Philip S, Nujum ZT, Vincent J, Pillai RK. Effectiveness of stand-alone anti-adult mosquito control strategies against Aedes-borne diseases: scoping review with meta-analysis. *Trans R Soc Trop Med Hyg*. 2025 Jul 10:traf076. doi: [10.1093/trstmh/traf076](https://doi.org/10.1093/trstmh/traf076). Epub ahead of print. PMID: 40637353.
3. Daksh R, Mathew MS, Bosco AM, Sojan C, Tom AA, Bojja SL, Nampoothiri M. The role of exosomes in diagnosis, pathophysiology, and management of Alzheimer's Disease. *Biochem Biophys Res Commun*. 2025 Mar 25;754:151526. doi: [10.1016/j.bbrc.2025.151526](https://doi.org/10.1016/j.bbrc.2025.151526). Epub 2025 Feb 21. PMID: 40015072.
4. Surendran LS, Joseph AP, Pillai VBR, Selvaraj FM. Characterisation of Macrophage Sub-populations in Oral Lichen Planus using CD64 and CD163 - An Evaluative Study. *Indian J Dent Res*. 2025 Jun 27. doi: [10.4103/ijdr.ijdr_458_24](https://doi.org/10.4103/ijdr.ijdr_458_24). Epub ahead of print. PMID: 40576436.
5. Capó X, Kumar R, Mishra AP, Nigam M, Waranuch N, Martorell M, Sharopov F, Calina D, Popa D, Setzer WN, Sharifi-Rad J, Pezzani R. Baicalein and baicalin in cancer therapy: Multifaceted mechanisms, preclinical evidence, and translational challenges. *Semin Oncol*. 2025 Jul 3;52(5):152377. doi: [10.1016/j.seminoncol.2025.152377](https://doi.org/10.1016/j.seminoncol.2025.152377). Epub ahead of print. PMID: 40614344.
6. M MK, Uddin ME, Mundavath RN, Swaroop AK, Nilewar SS, Mariappan E, Ghosh P, P DN, Nagappan K, Reza MS, Kader MA, Palaniswamy DS. Developing a formulation of *Tinospora cordifolia*, identifying its active components, and assessing its anticancer effects on breast cancer cell lines. *Med Oncol*. 2025 Jul 5;42(8):312. doi: [10.1007/s12032-025-02777-3](https://doi.org/10.1007/s12032-025-02777-3). PMID: 40617988.
7. Calderon Martinez E, Zachariah Saji S, Salazar Ore JV, Kumar A, Alonso Ramírez AC, Mohanty S, Nakamura Ramírez VY, Hammoud A, Shaban LN, Abbagoni V. Text messages as a tool to improve cardiovascular disease risk factors control: a systematic review and meta-analysis of randomized clinical trials. *BMC Public Health*. 2025 Apr 4;25(1):1284. doi: [10.1186/s12889-025-21818-0](https://doi.org/10.1186/s12889-025-21818-0). PMID: 40186180; PMCID: PMC11971745.
8. Kalathil KT, Pandey BP, Peedikayil AT, Abdu RA, Sreekumari RR, Alfagham AT, Elgorban AM, Kumar S, Kim H, Dev S, Mathew B. Development of 5-phenylnitro bearing furan-based chalcones as a new class of potent MAO-B inhibitors. *Future Med Chem*. 2025 Apr;17(7):779-787. doi: [10.1080/17568919.2025.2485671](https://doi.org/10.1080/17568919.2025.2485671). Epub 2025 Apr 3. PMID: 40178073; PMCID: PMC12026049.

CALL FOR RESEARCH PROPOSALS/FELLOWSHIPS

1. Kerala State Council for Science, Technology and Environment invites application for Scientific Project. Link: <https://kscste.kerala.gov.in/science-research-scheme/>
2. Call for Investigator-Initiated Research Proposals for First in World Challenge Grants (2025). Last date: 2025 September 30. Link: https://www.icmr.gov.in/icmrobject/uploads/Call/1753438937_fiwccall2025final.pdf
3. ICMR Invited call for Expression of Interest (Eoi) for Transfer of Technology of Plant Extract Based Composition Useful for Leishmania Promastigote (Last Date: August 23, 2025). Link: https://www.icmr.gov.in/icmrobject/uploads/Call/1753252847_icmreioipm06leishmaniaculturecompositionjuly232025.pdf
4. Invitation for Expression of Interest (Eoi) For Transfer of Technology of A recombinant multi-stage malaria vaccine (Vaccine Candidate). Link: https://www.icmr.gov.in/icmrobject/uploads/Call/1752741763_eoinoicmreioipm05malariavaccineadfcivax2025.pdf

NEWS UPDATES

1. UN Department of Economic and Social Affairs published the World Population Prospects 2024. The Link : https://www.un.org/development/desa/pd/sites/www.un.org.development.desa.pd/files/undesapd_2024_wpp_2024_advance_unedited_0.pdf

