



PUSHPAGIRI RESEARCH CENTRE UPDATES

DR. SOUMYA RS AND DR. DAYANA K AS RESOURCE PERSONS

Dr. Soumya RS, Scientist, Cytogenetics and Biochemistry Lab and Dr. Dayana K, Pharmaceuticals Laboratory, Scientist, were invited as Resource Persons for the National Conference on Medicinal Chemistry held at Islamiah (Autonomous) College, Vaniyambadi, on 3 August 2026.

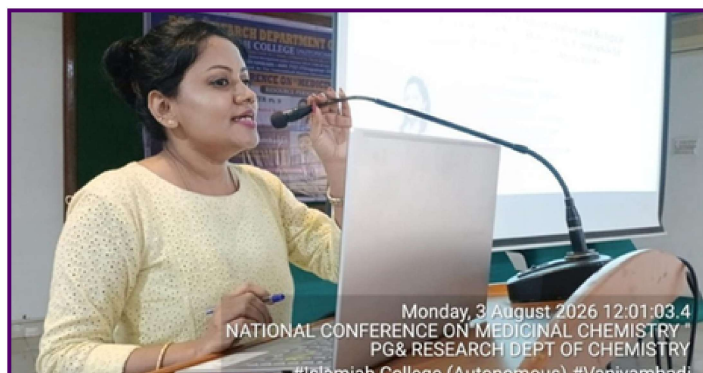
During this conference Dr. Soumya delivered a talk titled "Metal and Biopolymer Nanoparticles: Pioneering the Next Generation of Sustainable and Precision Nanomedicine". Dr. Dayana presented her research findings entitled "Design, synthesis, characterization and Biological Evaluation of Novel Heterocyclic compounds for Potential Therapeutic Applications" in this conference.

PG & RESEARCH DEPARTMENT OF CHEMISTRY ISLAMIAH COLLEGE (AUTONOMOUS) Accredited by NAAC D⁺ Cycle I with 'A++' Grade | Affiliated to Thiruvalluvar University Govt. Aided Minority Institution Recognized under section 20(1) & 22(1) of UGC Act, 1956 NEW TOWN, VANIYAMBADI - 635 752 (Tirupattur District) Maintained and Managed by The Vaniyambadi Muslim Educational Society

NATIONAL CONFERENCE ON "MEDICINAL CHEMISTRY"

	Resource Person 1 Title: Metal and Biopolymer Nanoparticles: Pioneering the Next Generation of Sustainable and Precision Nanomedicine Dr. R. S. SOUMYA Ph. D Scientist Pushpagiri Institute of Medical Science and Research Centre, Thiruvalla, Kerala
	Resource Person 2 Title: Design, Synthesis, Characterization, and Biological Evaluation of Novel Heterocyclic Compounds for Potential Therapeutic Applications Dr. K. Dayana Scientist, Pharmaceuticals Laboratory Pushpagiri Institute of Medical Science and Research Centre, Thiruvalla, Kerala
	Resource Person 3 Title: "Non-renewable Endangered Resources" Dr. K. Anandaratchagan Hb of Chemistry PG & Research Department of Chemistry Islamiah college, Vaniyambadi.
	Resource Person 4 (Virtual Mode) Title: Thermodynamic Studies on Molecular Interactions of Procaine Hydrochloride in Aqueous and Aqueous Glycine Solutions Dr. Vasin R. Shaikh Department of Chemistry, K. C. E. Society's Woolji Jaitha College (Autonomous), Jaipur-425001, Maharashtra

2nd August 2026 | 10:30 am to 4:00 pm | Seminar Hall



A Memorandum of Understanding (MoU) was signed between Pushpagiri Research Centre and the PG & Research Department of Chemistry, Islamiah (Autonomous) College, Vaniyambadi, on 3rd August 2026. The MoU aims to strengthen academic and research collaboration between the two institutions through joint academic research activities, faculty and student exchange programmes, collaborative research initiatives, and student training programmes. It also seeks to facilitate the joint organization of workshops, conferences, and other academic activities, fostering greater opportunities for knowledge sharing and professional development. Dr. Dayana K and Dr. Soumya RS represented Pushpagiri Research Centre (PRC), while Dr. Sheikh Kadar Nawaz, Dr. K. Anandarachagan, Mr. C. Khaizer Ahmed and Mr. M. Munneer Ahmed represented Islamiah (Autonomous) College during the event

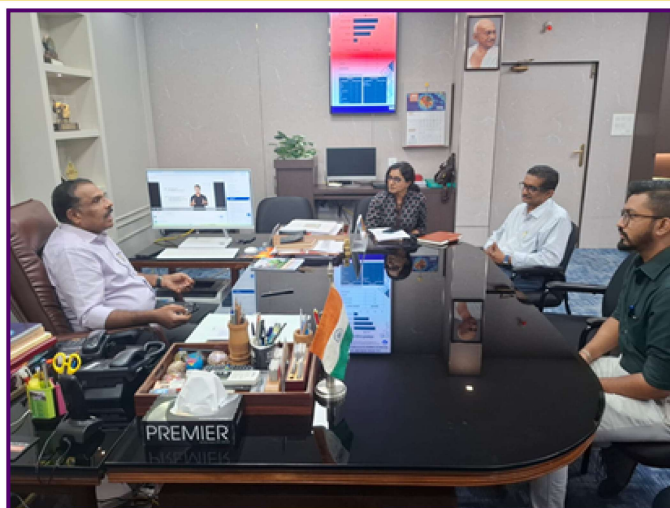


DR. AMPADI A N SUCCESSFULLY COMPLETED SURGICAL TRAINING

Dr. Ampadi A. N., Veterinary Officer & PRC Coordinator, successfully completed specialized surgical training on in vivo models at the Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), Thiruvananthapuram, from 3–7 August 2026.



MEETING WITH THE DIRECTOR OF CIFT ON COMMERCIALIZATION OF FISH SCALE-DERIVED HYDROXYAPATITE



A meeting was held with Dr. George Ninan, Director, Central Institute of Fisheries Technology (CIFT), and Dr. Binci, Senior Scientist to discuss the commercialization of fish scale-derived hydroxyapatite developed through collaborative research. During the meeting, CIFT expressed its willingness to renew the MoU with Pushpagiri Research Centre (PRC) to facilitate the continuation of joint research activities and further collaboration. Dr. Nebu George Thomas and Dr. Aniket Naha represented PRC during the meeting.



DR. SHEENA S RAJ RECEIVED APJ APPRECIATION AWARD

Dr. Sheena S Raj, Adjunct faculty received Appreciation Award for research activities from Dr. Soumya Swaminathan (APJ Abdul Kalam Awardee 2026) at the Celebrating Leadership in Health Sciences event held on 1 August 2026.

NATIONAL RICKETTSIAL SURVEILLANCE PROGRAM UNDER ICMR CAR (CENTRE FOR ADVANCED RESEARCH)



Ms. Srtuthy S Pillai, Research Trainee, Centre for Virology, has attended a training program at the Department of Clinical Microbiology, CMC, Vellore (National Reference Centre for Rickettsial Diseases' (NRCRD)).

The one-week training programme was from 10th August to 14th August 2026. The training provided practical exposure to various molecular biology and diagnostic laboratory techniques. The programme was particularly focused on the handling and processing of blood samples, Buffy Coat Separation, DNA Extraction, Polymerase Chain Reaction (PCR), and Immunofluorescence Assay (IFA).

MOU SIGNED BETWEEN PUSHPAGIRI RESEARCH CENTRE AND INTER-UNIVERSITY CENTER FOR BIOMEDICAL RESEARCH & SUPERSPECIALITY HOSPITAL

A Memorandum of Understanding (MoU) was signed between Pushpagiri Research Centre (PRC) and the Inter-University Centre for Biomedical Research & Super Speciality Hospital (IUCBR & SSH), Kottayam, on 18 August 2026 to promote collaborative research in the fields of Neuroscience and Autism. The MoU aims to strengthen research collaboration between the institutions through the exchange of researchers, students, teachers, and research materials,



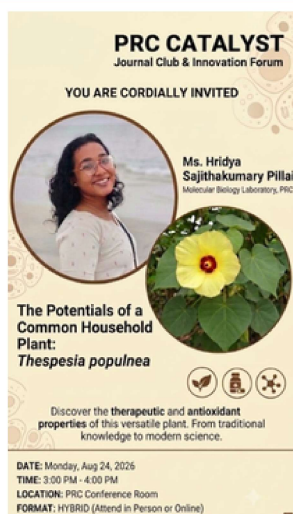
thereby facilitating knowledge sharing, capacity building, and joint research initiatives in these emerging areas of biomedical science. Dr. Nebu George Thomas, Dr. Ampadi AN and Dr. rer. nat. Avneesh Chopra represented Pushpagiri Research Centre (PRC), while Dr. Radhakrishnan E K, Dr. Rajesh Anantha Shenoil and Dr. Goutam Chandra represented IUCBR & SSH during the event

DR. NEBU GEORGE THOMAS AS INVITED SPEAKER



Dr. Nebu George Thomas, Professor and Scientist, Stem Cell and Tissue Engineering Lab was invited as a speaker at the 4th International Conference on Advances in Material Sciences & Technology (ICAMST-2026), held at M. S. Ramaiah University of Applied Sciences, Bengaluru, from 12–14 August 2026. The title of the invited talk was “Preclinical Evaluation of Scaffolds Intended for Soft Tissue and Hard Tissue Regeneration.”

PRC CATALYST – JOURNAL CLUB AND INNOVATION FORUM



Ms. Hridya Sajithakumary Pillai, Research Trainee, Molecular Biology Laboratory, Pushpagiri Research Centre (PRC), presented the research findings titled “The Potentials of a Common Household Plant: Thespesia populnea” on 24 August 2026. The work was carried out under the guidance of Dr. Ajay Krishnan, Scientist, Molecular Biology Laboratory. Dr. Soumya RS, Scientist, Cytogenetics and Biochemistry Lab, served as the moderator for the presentation.



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Department of Health Research
Ministry of Health and Family Welfare
Government of India



DHR-ICMR Sponsored National Workshop on Biomedical Innovations in One Health Research for Combating MDR/XDR Pathogens Through *In-Silico, In-Vitro and In-Vivo* Methodologies



ORGANISED BY

Pushpagiri Research Centre (PRC)
Tiruvalla, Kerala – 689101



SPONSORED BY

Department of Health Research (DHR)
Indian Council of Medical Research (ICMR)
Ministry of Health & Family Welfare
Government of India



DATE

22/09/26 – 26/09/26



TIME

08:00 – 17:00



VENUE

Conference Hall, PRC



PROGRAM FEATURES

- ✓ Integrates in-silico, in-vitro and in-vivo methodologies.
- ✓ Hands-on training in advanced techniques and modern research tools
- ✓ Focus on One Health approach for tackling MDR/XDR pathogens
- ✓ Bridging bench-to-bedside translational research

PROGRAM MODULE

- In-silico**
Database search, Sequence analysis, Drug Designing and Molecular Docking
- In-vitro (Microbial Assays)**
Morphological, Biochemical, phenotypic (AST, MIC) & Synergistic Checkerboard Assays
- In-vitro**
Animal Cell Culture and Cytotoxicity Assays
- In-vivo**
Animal House Visit in accordance to CCSEA and GLP guidelines



WHO CAN PARTICIPATE

- Students
- Faculty
- Medical Colleges
- Clinical Microbiology
- Basic Sciences
- Research Institutes
- Life Sciences



ABOUT THE ORGANIZER

Pushpagiri Research Centre (PRC), established in 2010, is the Central Research Facility of Pushpagiri Medical Society institutions.

PRC houses state-of-the-art research infrastructure including RDIC, advanced laboratories, real-time PCR, HPLC, CO₂ incubators, ELISA platforms, –80°C freezers and simulation facilities.

It is an approved Ph.D. Centre, DHR-registered IRB, CCSEA-approved Animal House and conducts clinical trials.



PROGRAM INFORMATION

- Last date to apply: **31/08/2026**
- Selected participants informed: **10/09/2026**
- No Objection Certificate (NOC) from the participant's institution is mandatory.
- Accommodation to be arranged by participants.
- Travel fare will not be reimbursed.
- **No registration fee.**

APPLY FAST: 20-25 SEATS ONLY

REGISTRATION LINK



<https://tinyurl.com/2jpuch6s>



OBJECTIVES

- ✓ Enhance scientific literacy on AMR and its public health impact.
- ✓ Provide hands-on training in in-silico, in-vitro and in-vivo methodologies.
- ✓ Equip participants with AI/ML, Bioinformatics and data-driven research skills.
- ✓ Strengthen research communication, ethics and data integrity.
- ✓ Build capacity for future leadership in AMR research and innovation.

PATRONS

- H.G. Most Rev. Dr. Thomas Mar Koorilos Metropolitan Archbishop, Tiruvalla
- Shri. Jacob Punnose (IPS) Principal Advisor
- Rev. Dr. Biju Varghese CEO, Pushpagiri Group of Institutions
- Rev. Dr. Mathew Mathewancheri Director & Head, PMS&C, Medicality and Allied Health Sciences

PROGRAM ORGANISERS

- PI
Dr. Aniket Naha
- Co-PI
Dr. Vikram Gowda,
Dr. Soumya R.S.,
Dr. Betsy A. Jose.

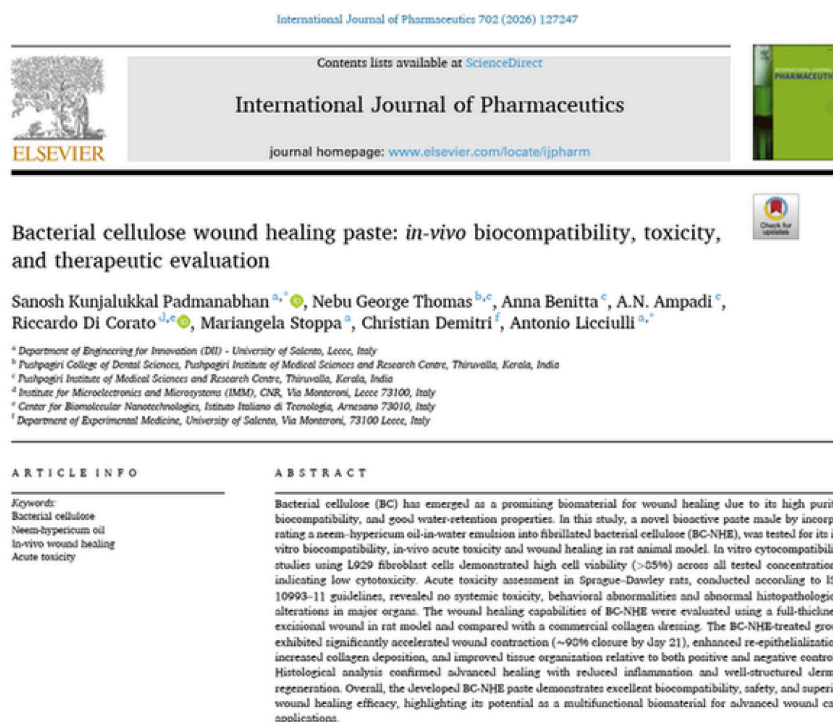
ORGANISING COMMITTEE

- Dr. Amgad A. N.
- Dr. Nefou George Thomas.
- Dr. Dayana K.
- Mr. George Varghese
- Dr. Jules Kurian Mathew.
- Mrs. Nisha Kurian
- Dr. Parameswaran Nampoothiri M.G
- Dr. Reeba Mary Isaac
- Dr. Ajay Krishnan U

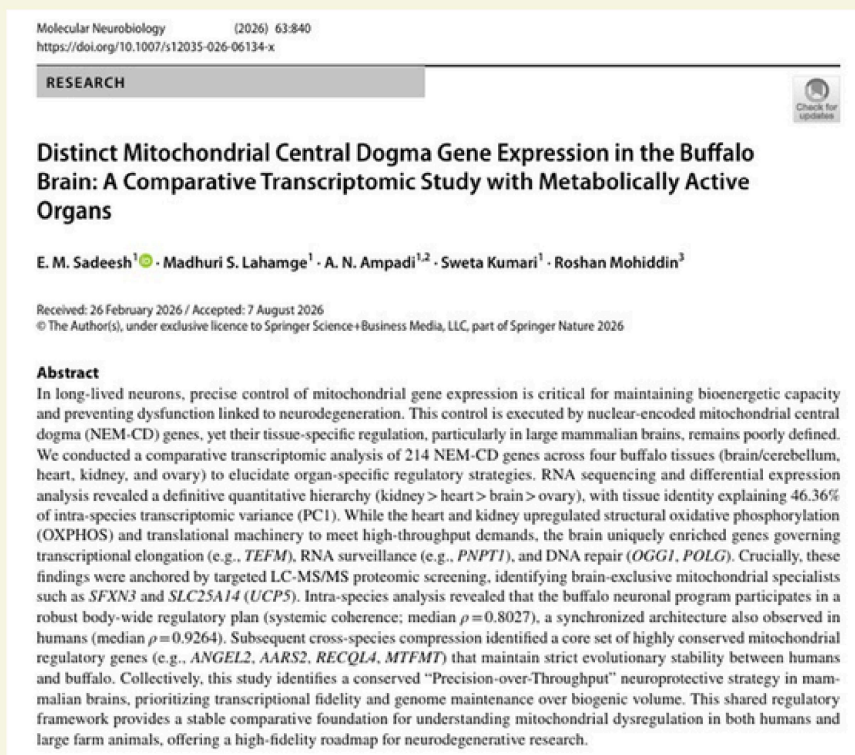
For more details, visit: <https://www.prc.pushpagiri.in/media/workshops/>

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1. Kunjalukkal Padmanabhan, S., George Thomas, N., Benitta, A., Ampadi, A. N., Di Corato, R., Stoppa, M., Demitri, C., & Licciulli, A. (2026). Bacterial cellulose wound healing paste: in-vivo biocompatibility, toxicity, and therapeutic evaluation. *International journal of pharmaceutics*, 702, 127247.



2. Sadeesh, E. M., Lahamge, M. S., Ampadi, A. N., et al. (2026). Distinct mitochondrial central dogma gene expression in the buffalo brain: A comparative transcriptomic study with metabolically active organs. *Molecular Neurobiology*, 63, 840. <https://doi.org/10.1007/s12035-026-06134-x>