

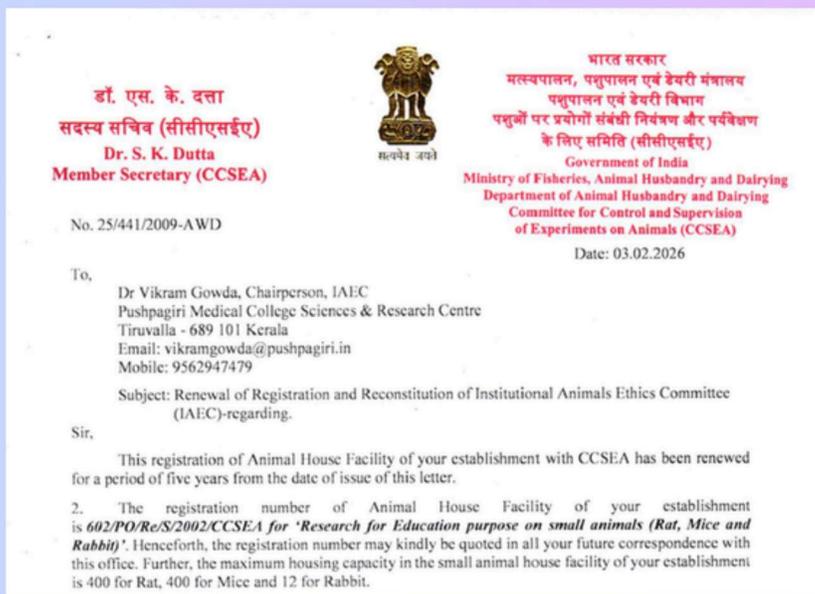


# PUSHPAGIRI RESEARCH CENTRE UPDATES

## IAEC REGISTRATION RENEWED FOR FIVE YEARS

The registration of the Institutional Animal Ethics Committee (IAEC) at Pushpagiri Institute of Medical Sciences & Research Centre has been renewed on 03 February 2026 for a further period of five years.

This renewal ensures the continued functioning of the IAEC in accordance with national regulatory guidelines and reinforces the institution's commitment to maintaining high ethical standards in animal research and preclinical studies.



## DR. ANIKET NAHA INVITED SPEAKER AT DHR-ICMR SPONSORED NATIONAL WORKSHOP ON AMR

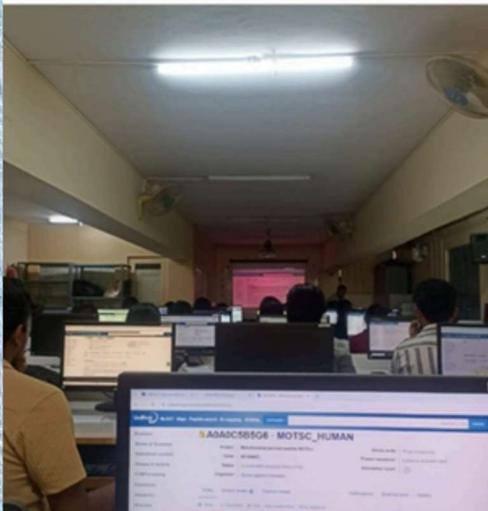
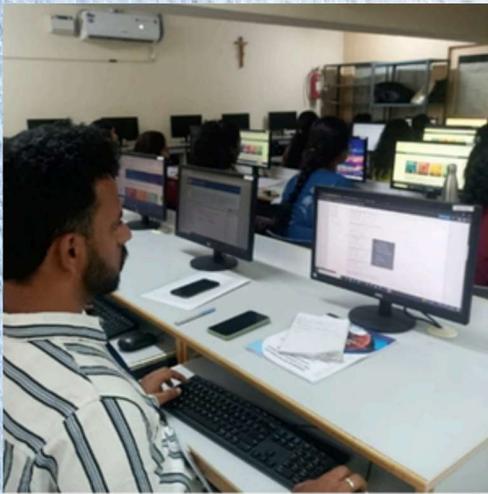
Dr. Aniket Naha, Scientist, Pushpagiri Research Centre (PRC), was the Invited Speaker at the DHR-ICMR Sponsored National Workshop on "Combating Antimicrobial Resistance (AMR): From Awareness to Action" held on 4th February 2026 at Jyoti Nivas College, Bengaluru.

He delivered an insightful presentation titled "Nanocarnosine-Drug Composites for Tuberculosis: A Novel Aerosol-Compatible Delivery System Targeting Antimicrobial Resistance." The talk highlighted his recent research work focusing on innovative drug delivery strategies designed to combat antimicrobial resistance in pulmonary tuberculosis. The session emphasized translational approaches integrating nanotechnology and infectious disease therapeutics to address one of the most pressing global health challenges.

His participation reflects PRC's growing contribution to national efforts aimed at tackling antimicrobial resistance through cutting-edge research and interdisciplinary collaboration.



## DR. ANIKET NAHA AS RESOURCE PERSON FOR HANDS-ON BIOINFORMATICS TRAINING



Dr. Aniket Naha, Scientist at Pushpagiri Research Centre (PRC), served as a Resource Person for a hands-on Bioinformatics training session conducted on 4th February 2026 at Jyoti Nivas College, Bengaluru.

The training session was organized for undergraduate, postgraduate, and PhD scholars, with a focus on introducing participants to contemporary computational tools and bioinformatics strategies used in infectious disease research. Dr. Naha guided participants through practical workflows involving sequence analysis, antimicrobial resistance gene identification, in-silico screening approaches, and interpretation of genomic data relevant to AMR surveillance.

The interactive format enabled participants to gain hands-on exposure to publicly available biological databases, basic coding or analytical platforms, and data interpretation techniques essential for translational research. The session aimed to bridge the gap between theoretical understanding and real-world research applications, equipping young researchers with essential computational skills to address emerging challenges in microbiology and drug resistance.

Through this engagement, PRC continues to contribute to capacity building and skill development in cutting-edge biomedical research domains.

## DR. NEBU GEORGE THOMAS DELIVERS INVITED LECTURE AT CUSAT ON BIOMATERIALS AND TISSUE REGENERATION.

Dr. Nebu George Thomas, Professor & Scientist, Pushpagiri Research Centre, was an invited speaker at the National Seminar & Workshop on “Next Generation Biomaterials for Tissue Regeneration” (RUSA 2.0 Sponsored) organized by the Department of Polymer Science and Rubber Technology, Cochin University of Science and Technology (CUSAT) on 5th & 6th February 2026.

He delivered a lecture titled “Comprehensive Preclinical Analysis of Scaffolds for Functional Tissue Regeneration,” highlighting translational research approaches in scaffold development, in vivo validation, and their potential clinical applications.

His participation contributed to strengthening PRC’s academic engagement in the field of biomaterials and regenerative medicine at the national level.



## DR. ANIKET NAHA AS RESOURCE PERSON FOR BIOINFORMATICS WORKSHOP AT ST. BERCHMANS COLLEGE



Dr. Aniket Naha, Scientist, Pushpagiri Research Centre, served as the Resource Person for a One-Day Hands-on Workshop on Bioinformatics organized by the Department of Microbiology & Biochemistry, St. Berchmans College (Autonomous), Changanassery, on 16th February 2026.

The intensive training session was conducted for undergraduate and postgraduate students and focused on introducing participants to core bioinformatics tools and computational approaches used in modern biological research. The workshop provided practical exposure to sequence analysis, database navigation, and interpretation of molecular data relevant to microbiology and biomedical sciences.

The interactive session enabled students to gain real-time experience with digital platforms widely used in research, thereby strengthening their analytical skills and research preparedness. The programme contributed to fostering academic collaboration and enhancing research awareness among young scholars in the field of life sciences.



## SUCCESSFUL PH.D. OPEN DEFENCE IN DENTISTRY

Dr. Sharlene Sara Babu successfully defended her Ph.D. in Dentistry at KUHS Pareeksha Bhavan, Thrissur, on 23 February 2026. Her doctoral research was carried out at Pushpagiri Research Centre (PRC) under the guidance of Dr. Sunil S (Guide) and Dr. Yogesh Dalvi (Co-Guide).

Her thesis, titled “DNA Methylation Biomarkers as an Early Diagnostic Tool in the Progression of Oral Squamous Cell Carcinoma,” explored the potential of epigenetic markers for early detection and improved clinical outcomes in oral cancer.

This achievement marks the second Ph.D. in Dentistry under KUHS with research conducted at PRC, reflecting the Centre’s growing strength in advanced translational and molecular research in dental sciences.



## FRAIT TOOL DEVELOPMENT MEETING – KERALA TEAM

On February 24, 2026, the Kerala team of FRAIT, reviewed 122 statements to finalize a 10-cluster map for the Family Resilience Assessment Instrument Tool. Several cluster labels were updated to better reflect their contents, moving from generic titles like "Debt" or "Social" to more descriptive categories such as "Family challenges and welfare" and "Handling health and sickness." While the session was productive, there was a noticeable overlap where government agendas on women's empowerment made it difficult for the team to keep clusters distinct. This identified a knowledge gap that will require clearer examples and more robust guidance in future training materials. The team is now tasked with reviewing the statements within each cluster to identify the top 2-3 most representative items. These priority statements will serve as the foundation for the final tool during the next meeting on March 10th.

Cluster name	Avg	0.35	
94 no loans	0.19	0.06	0.835
26 no property related conflicts	0.208	-0.19	0.472
77 have property and land	0.222	0.194	0.996
113 self confidence	0.245	0.241	0.807
37 independent financially and emotionally	0.295	-0.36	0.878
89 regular income	0.296	0.033	1.089
24 ready to resolve any conflict	0.304	-0.32	0.721
101 support from neighbours	0.338	-0.42	0.892
38 working women	0.398	-0.13	1.46
60 solution oriented approach	0.481	-0.23	1.324
39 women are financially independent	0.484	-0.4	1.538
	0.416	-0.05	1.67

## DR. ANIKET NAHA AS RESOURCE PERSON FOR IGNOU M.SC. ENVIRONMENTAL SCIENCE PROGRAMME

Dr. Aniket Naha, Scientist, Pushpagiri Research Centre, served as the Resource Person for the M.Sc. Environmental Science students under IGNOU on 23rd February 2026 at Gurucharan University, Assam.

He delivered a lecture and practical-oriented session on "Basic Microbiology Techniques and Their Applications in Research." The session covered fundamental laboratory techniques including microbial culture methods, staining procedures, aseptic practices, and their relevance in environmental and biomedical research.

The programme provided students with conceptual clarity and practical insights into how microbiological tools are applied in real-world research settings, thereby strengthening their foundational understanding and research competencies.



# *Congratulations to* **Dr. Avneesh Chopra**



Pushpagiri Research Centre is delighted to congratulate Dr. Avneesh Chopra, Adjunct Faculty, PRC, on his new appointment as Research Director at the Medical University of Brandenburg (MHB), Germany.



Dr. Chopra's elevation to this prestigious leadership role reflects his outstanding contributions to translational research and global academic engagement. As an Adjunct Faculty member of PRC, he has actively supported collaborative initiatives and international knowledge exchange.

The PRC family extends its heartfelt congratulations and wishes him continued success in his new role and future endeavours.



**PUSHPAGIRI**  
**RESEARCH CENTRE**



# *Congratulations to* **Ms. Ramsana Rahim**



Pushpagiri Research Centre proudly congratulates

**Ms. Ramsana Rahim**

on securing the University Rank in B.Sc. Medical Genetics from  
Chettinad Academy of Research and Education, Tamil Nadu.

**Awarded Gold Medal under Rajah Muthiah Award**

— for Proficiency —

in recognition of her outstanding academic performance.



Ms. Ramsana was a Project Student at Pushpagiri Research Centre and completed her dissertation work in Medical Biotechnology & Computational Drug Designing Laboratory under the guidance of Dr. Aniket Naha.

Her remarkable achievement reflects her dedication, academic excellence, and the strong research mentorship at PRC. We wish her continued success in all her future academic and research endeavors.

