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MEDICAL RESEARCH
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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

08/09/2026 – 12/09/2026



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

- 1 In-silico**
Database search, Sequence analysis, Drug Designing and Molecular Docking
- 2 In-vitro (Microbial Assays)**
Morphological, Biochemical, phenotypic (AST, MIC) & Synergistic Checkerboard Assays
- 3 In-Vivo**
Animal Cell Culture and Cytotoxicity Assays
- 4 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.

PRC has active MoUs, research collaborations and is supported by DST, DBT, ICMR, KSCSTE and international funding agencies.



PROGRAM INFORMATION

- Last date to apply: **22/08/2026**
- Selected participants informed: **31/08/2026**
- 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



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 Punnoose (IPS), Principal Advisor
- Rev. Dr. Biju Varghese Payappallil, CEO, Pushpagiri Group of Institutions
- Rev. Dr. Mathew Mazhancheril, Director & Head, PIMSRC Medicity and Allied Health Sciences

PROGRAM ORGANISERS

PI
Dr. Aniket Naha. (Scientist)
Co-PI
Dr. Vikram Gowda.
Dr. Soumya R.S.
Dr. Betsy A. Jose.

ORGANISING COMMITTEE

- Dr. Ampadi A. N.
- Dr. Nebu George Thomas.
- Dr. Dayana K.
- Mr. George Varghese
- Dr. Jules Kurian Mathew.
- Mrs. Nisha Kurian
- Dr. Parameswaran Nampoothiri M.G
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For more details, visit:

<https://www.prc-pushpagiri.in/media/workshops/>

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