



Dr. Aniket Naha
(M.Sc., Ph.D.)
Scientist

Microbial Technology Research & Infectious Disease Laboratory

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Involved in the testing of antimicrobials from natural products as well as synthetic materials that can lead to drug innovations and remediation strategies. The emergence of antimicrobial resistance is a global health problem. Hence solutions encouraging and facilitating the evolution of new antimicrobials are the necessity of the hour. Also new emerging & re-emerging infectious diseases are scrutinized with in depth analysis of the agents of infectivity, their molecular characterization and co-relation to severity of disease manifestations. Short term training programs in basic clinical microbiology are offered.

Clinical Epidemiology Unit & Clinical Trails

Contact: [+91 7736153385](tel:+917736153385) ceu@pushpagiri.in

Involved in providing statistical support to research projects, apart from services like proposal writing and guidance in conduct of the study. CEU is also involved in implementing field research programs in collaboration with external agencies. The Unit is affiliated to the Indian Clinical Epidemiology Network (IndiaClen) and conducts various accredited short term training programs in Biostatistics and Epidemiology. The unit has handled research projects from prestigious funding agencies like World Health Organization (WHO) & Kerala State Council for Science, Technology and Environment (KSCSTC). Under the auspices of the Institutional Review Board (IRB), which possesses the authority to scrutinize and endorse clinical trial protocols, and is duly registered with the Central Drugs Standard Control Organization (CDSCO), the Clinical Epidemiology Unit (CEU) is spearheading the coordination of Phase III and Phase IV trials within the institution.



Dr. Rosin G. Varghese
MBBS, MD
Asst. Professor

Cancer Research

Contact: [+91 9495945260](tel:+919495945260) betsymukkathu777@gmail.com



Dr. Betsy A. Jose
MBBS, MD
Asst. Professor

A dedicated cancer screening program was an initiative of PRC committed to screen women residing at Pathanamthitta, Alappuzha & Kottayam districts of Kerala. The program offered screening of four cancers (breast, thyroid, oral and cervical) at free of cost which facilitated the economically backward classes to come forward and receive the benefits of the screening program. The project was devoted to improve the survival & quality of life of cancer patients through early diagnosis, by emphasizing prevention programs & educating patients. Several free camps were organized and aids are provided to the affected women from these areas.

Centre for Evidence Based Practice

Contact: [+91 94952 96020](tel:+919495296020) cebp@pushpagiri.in

Pushpagiri Centre for Evidence Based Practice (PCEBP)- A JBI Centre of Excellence, affiliated to JBI, University of Adelaide, Australia, was established in the year 2019 under the leadership of Dr. Elsheba. The centre incorporates faculty members from the various institutions under Pushpagiri who involve in conducting secondary research (systematic review) and guides those interested in evidence synthesis or implementation of Evidence. Mrs. Nisha Kurian, Asst. Professor, Dept of Community Medicine, Pushpagiri Institute of Medical Sciences is the present Director of the centre. A five-day Comprehensive Systematic Review Training Program of JBI Australia is conducted every year by the Centre and Sr. Mary Jyothi, Professor, Pushpagiri College of Nursing is the JBI accredited trainer for Systematic Review at PCEBP. The centre has been granted the Brighter Future fund for an implementation project by JBI.



Ms. Nisha Kurian
M. Sc., Biostatistics
Asst. Professor



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RESEARCH
CENTRE



For Research Collaborations, MoUs or Institutional Associations

Contact:

Rev. Dr. Mathew Mazhavancheril
(Director & Head, Pushpagiri Research Centre)

researchdirector@pushpagiri.in [+91- 9744685302](tel:+919744685302)

Student Co-Ordinator, Pushpagiri Research Centre

For Project / Dissertation, Internship & Trineeship In Pushpagiri Research Centre
(M.Sc., MDS, M. Tech, MD, B.Sc., BDS, B. Tech, MBBS)

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Co-Ordinator, Pushpagiri Research Centre

Contact:

Mr. George Varghese

surugv@gmail.com [+91- 9847380149](tel:+919847380149)

For visiting Pushpagiri Research Centre

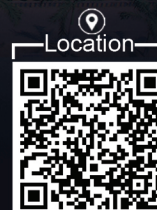
Contact:

Mr. Jacob P. Ouseph
(PRC Secretary)

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RESEARCH
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OUR STRENGTHS

DSIR Approved Centre | KUHS Approved Centre for Ph.D. |
Patents and Publications | Pre-Clinical (Animal) Trials |
Fully Equipped Animal House Facility |
Clinical Trials | International Ph.D. Programmes |
Academic - Industrial Collaborations |
MoUs with International and National Organizations |
Evidence Based Practise

PUSHPAGIRI RESEARCH CENTRE (PRC)

PRC was established in 2010 as a Medical Research Centre that serves as the 'Central Research Facility' for various institutions under Pushpagiri Medical Society. PRC fosters in sustainable therapeutic regimens translating clinical research into innovative products, patents & publications in international peer reviewed journals of repute. PRC is an approved Ph.D. center by Kerala University of Health Science (KUHS), India. The Centre is also recognized as a Scientific and Industrial Research (SIRO) by the Department of Scientific and Industrial Research (DSIR) under the Ministry of Science & Technology, Govt. of India. PRC incorporates works related to clinical/medical and various translational research. PRC bears Institutional Animal Ethics Committee (IAEC) & animal house facility which is in accordance with CCSEA. The Institutional Review Board (IRB) is registered with DHR and CDSCO, Govt. of India that facilitates animal experiments and Phase – III & IV Clinical Trials. With active MoUs with international and national entities, both in governmental and private, PRC stands as a hub of interdisciplinary research excellence. BIORADIANCE is the annual conference series of PRC that serves as a beacon of research excellence for the Centre.



Director & Head

Rev. Dr. Mathew Mazhavancheril (Dr. Nibu Varghese), holds a Ph.D. from the University of Pune and has done his Post Doctoral studies from France.

He functions as the Research Director of Pushpagiri Research Center (PRC) since 2010. Under his leadership, the PRC has secured prestigious national and international research grants, establishing itself as a key research unit for the Pushpagiri Group of Institutions. Dr. Mazhavancheril has an impressive track record with numerous research publications, book chapters, and patents, showcasing his commitment to advancing medical and pharmaceutical knowledge. His contributions have played a vital role in elevating the centre's reputation and fostering a culture of excellence in research.

OUR LABORATORIES & RESEARCH DOMAINS

Medical Biotechnology & Computational Drug Designing Laboratory

Contact: [+91 8473912790](tel:+918473912790) draniketnaha@pimsrc.edu.in



Dr. Aniket Naha
(M.Sc., Ph.D.)
Scientist

Involved in deciphering the causes of AMR and devise combat strategies. The goal is to scrutinize nosocomial pathogens & explore sustainable therapeutic regimen through combination therapies. All the experiments are performed as per CLSI standards, in compliance with WHO & ICMR guidelines. The lab fosters in computational genomics, proteomics, systems biology and structural bioinformatics with specialization in drug designing. The lab holds records in producing research publications from students' projects. Dr Aniket actively guides B.Sc., M.Sc., MBBS, BDS & MDS candidates besides providing hands-on-trainings, internships and workshops in clinical microbiology and bioinformatics.

Molecular Biology and Phytochemicals Research Lab (MBPRL)

Contact: [+91 7972366799](tel:+917972366799) yogesh_dalvi@pushpagiri.in

The lab pioneers in regenerative medicine research, specializing in plant and mushroom-derived phytochemicals, we target inflammation, diabetes, cancer, and tissue regeneration. Funded by the Department of Biotechnology, and ICAR-CIFT, our dual approach combines in vitro studies with in vivo experiments. Adhering to global standards, MBPRL follows OECD and ISO guidelines, excelling in toxicity assessment, diabetes management, cancer interventions, tissue and bone regeneration, diabetic wound healing and cartilage regeneration. With over 800 citations and an h-index of 14, MBPRL's impactful journey is evident in high-impact publications and three patents, showcasing transformative innovations. Dr Yogesh actively guides B.Sc., M.Sc., BDS & MDS candidates besides providing hands-on-trainings in molecular biology, cell biology, animal restraining and microscopy.



Dr. Yogesh B Dalvi
(M.Sc., Ph.D.)
Scientist

Biochemistry Research Laboratory

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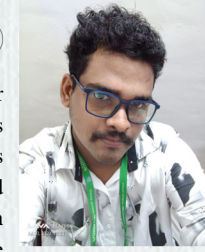


Dr. Soumya R. S.
(M.Sc., Ph.D.)
Scientist

Involved in the research and analysis of various biomarkers in metabolic diseases. The lab aims to focus the synthesis and characterization of different types of nanoparticles with therapeutic potential. The area of research includes free radical research, phytochemistry, and mitochondrial biology through in vitro and in vivo analysis. The lab involves in mitochondrial dysfunction that plays a key role in the etiopathogenesis of CVD and is regarded as an intriguing target for the development of innovative therapies like mitochondria-targeted DDS for application in the cardiovascular field. The lab offers training programs in HPLC and cell culture. Dr. Soumya is an approved Ph.D. Guide from KUHS & actively involves in guiding B.Sc., M.Sc. & Ph.D. candidates.

Institutional Animal House Facility

Contact: [+91 8921667742](tel:+918921667742) drampadian@pimsrc.edu.in



Dr. Ampadi A.N.
(MVSc, PGDAW, BVSc and Ah)
Veterinarian Officer

Animal House in PIMS&RC was established in the year 2008. The Institutional Animal Ethics Committee was established in the Institute, in accordance with the standards established by the committee for the purpose of control and supervision of experiments of animals (CPCSEA Registration Number: 602/PO/Re/S/02/CPCSEA). The animal house offers all latest facilities for animal experimentation like testing of metabolic disorders in experimental animal, anti-inflammatory properties & wound healing.

Tissue Engineering & Regenerative Medicine Laboratory

Contact: [+91 9447044726](tel:+919447044726) nebugt@gmail.com



Dr. Nebu G. Thomas
(MDS, Ph.D.)
Prof & Scientist

Involved in the development of scaffolds, using principles of engineering and life-sciences, which may help regenerate tissue lost due to various diseases or injuries. The goal of the lab is to develop scaffolds & biomaterials that induce cellular responses and stimulate regenerative cells. The lab focuses on bone and skin regeneration and periodontal tissue repair through stem cells in particular. The preclinical analysis of scaffolds are performed as per ISO guidelines while clinical trails are conducted in compliance with DHR and CDSCO guidelines. Dr. Nebu actively guides B.Sc., M.Sc., BDS, MDS & Ph.D. candidates.

Pushpagiri Centre for Virology

Contact: [+91 9847380149](tel:+919847380149) surugv@gmail.com

Involved in providing diagnostic services in molecular virology, research on viruses & viral diseases in humans. It is equipped with state-of-the-art facilities. Apart from ELISA, we have fully automated system like Vidas Biomerieux, using fluorescence method and Abbot Architect chemiluminescence method. The hall mark of the centre is the diagnostic molecular virology lab. The lab is equipped with RT-PCR facilities which is used for detecting several viral diseases like Hepatitis B & C, Leptospira and SARS CoV-2. The center also provides training programs in several instrumentation techniques like PCR and RT-PCR besides guiding MBBS, MD, B.Sc., M.Sc. candidates.



Mr. George Varghese
M.Sc. Medical Microbiology
(CMC Vellore)
Asst. Professor

