



**PMS COLLEGE**  
OF  
**DENTAL SCIENCE & RESEARCH**

OF THE  
BY THE  
FOR THE **DENTIST**

WORKSHOP ON  
**RESEARCH**  
**METHODOLOGY**

ORGANIZED BY  
DEPARTMENT OF RESEARCH AND PUBLICATIONS

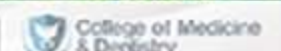
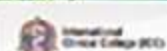
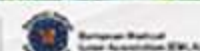
**18<sup>th</sup> & 19<sup>th</sup>**  
**DEC 2023**



Academic Partners:



International Academy of Oral Integration and Skeletal Research



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Golden Hills, Vattapara, Venkode, Thiruvananthapuram, Kerala 695028



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## HIGHLIGHT OF THE **PROGRAM**

This program aims to provide an overview for post-graduate and PhD students regarding how to select a research topic and how to write a research proposal which is mandatory in their course. The topics included help understand various components of the research proposal like research question, objectives, review of literature, study designs, and a basic understanding of statistical methods employed. We will be conducting a hands-on session on how to do an electronic search for scientific articles. In addition, sessions will be taken on how to select and present journal articles as well as ethical guidelines to be followed in dental research. The facilities available at the central research laboratory will be introduced to the participants. We will be offering continued support for all the participants for doubt clearance.

## TARGET AUDIENCE

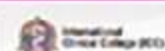
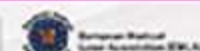
- ▶ BDS, MDS and PhD students,
- ▶ Faculty and Research Guides



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# SPEAKERS

## **DR. R. VENKITACHALAM, MDS**

Reader, Department of Public Health Dentistry, Amrita School of Dentistry

Co-founder of Community Health Oriented Research and Training (COHORT), recipient of funded projects from FDI and Kerala State, several best paper presentation awards, and bursary grants from SERB and other agencies to attend national and international conferences. His areas of interest include Health Professions Education, Evidence synthesis, Systematic Reviews and Meta-analysis, Dental Public Health, Epidemiology and Biostatistics, Health systems research, Clinical trials, and Research Ethics. He has more than 60 publications to his credit and has been mentoring UG, PG, MPH and PhD research projects. He has been an invited speaker for Research Methodology and Biostatistics programs and is currently pursuing FAIMER fellowship on interprofessional education.

## **DR. AMBILI. R, MDS, PhD, FDSRCPS (Glasgow)**

Research Director, PMS college of Dental Science and Research

Dr Ambili has more than 13 yrs of postgraduate teaching experience and currently guiding Ph D students under Kerala University of Health Sciences. She is the recipient of the best teacher award by KUHS in the year 2022. Dr Ambili has undergone advanced training in research methodology and Biostatistics. She is the recipient of many funded research projects and has published extensively in high-impact international journals and has been invited to deliver guest lectures at various national and state-level programs.

## **DR. ANNA P JOSEPH, MDS**

Professor & Head, Department of Oral Pathology, PMS College of Dental Science and Research

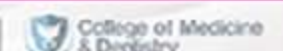
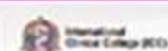
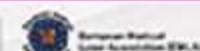
Dr Anna has over 17 years of teaching experience and she is an approved PhD guide at Kerala University of Health Sciences. She has undergone training in Research Methodology and has many international publications to her credit.



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# SPEAKERS

## **DR. ANCY. R. J, MDS**

Assistant Professor , PMS College of Dental Science and Research ( Department of Public Health Dentistry )

She has completed PG Diploma in Bioethics and Medical Ethics (PGDBEME) from Yenepoya Deemed to be University, Mangalore. She has undergone short term course in Biostatistics and training in Good Clinical Practice, Statistical Package for Social Sciences (SPSS), Literature Searching and Reference Management Using Zotero/ Endnote, Systematic Review and Meta- Analysis using R and Tobacco Cessation.

## **DR. RAVINDRAN ANKATHIL, PhD**

Consultant scientist, PMS College of Dental Science and Research

He is a retired Professor, with more than 35 years of postgraduate teaching and research experience at the Regional Cancer Centre and at Human Genome Centre, Universiti Sains Malaysia. He has successfully supervised 24 PhD and received several national and international awards and fellowships, authored 273 publications, and delivered many guest lectures at national and international conferences.

## **DR. SMITHA. C, MPhil, PhD**

Professor & Head, Department of Microbiology, PMS College of Dental Science and Research

Dr. Smitha has more than 15 years of teaching experience, published 10 scientific articles in high impact journals and 4 book chapters.

## **DR. SHERIN. S**

MSc, MPhil in Nanobiology from the University of Kerala, and PhD in Biochemistry from the University of Kerala Faculty, PMS college of Dental Science and Research

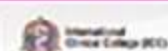
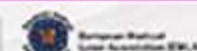
He has 10 years of teaching and research experience and many publications with high-impact factors.



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# PROGRAM SCHEDULE

## DAY 1 18 DEC 23

8.30 AM - 10.00 AM

Introduction to research methodology, refining a research question.  
Formulation of Aim, Objective and hypothesis, sampling methods.

**Dr. R. Venkitachalam**

10.00 AM - 11.00 AM

Study Designs

**Dr. Ambili. R**

11.15 AM - 01.15 PM

Introduction to Biostatistics, Hypothesis testing, sample size calculation

**Dr. R. Venkitachalam**

01.15 PM - 01.45 PM

Lunch Break

01.45 PM - 03.00 PM

How to conduct Literature review with hands-on Session

**Dr. Anna P Joseph**

## DAY 2 19 DEC 23

08.30 AM - 09.30 AM

Scientific Proposal writing:

**Dr. Ambili. R**

09.30 AM - 10.30 AM

How to select and present journal articles and seminar

**Dr. Ancy. R. J**

10.45 AM - 12.00 PM

Critical appraisal of a journal article

**Dr. Anna P Joseph**

12.00 PM - 01.00 PM

Ethics in dental research

**Dr. Ancy. R. J**

01.30 PM - 03.30 PM

Research facilities available at PMS Central Research Laboratory and CRL tour

Molecular biology

**Dr. Ravindran Ankathil**

Microbiology

**Dr. Smitha. C**

Biochemistry, Nanotechnology and Phytochemistry

**Dr. Sherin. S**

**REGISTRATION FEE  
RS 2,500/-**

**REGISTER HERE**



