



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



## **REPORT ON RESEARCH METHODOLOGY WORKSHOP**

DECEMBER 18 AND 19, 2023

**TITLE OF THE PROGRAM:** Research Methodology Workshop

**VENUE:** Dr. R. Ahmed Central Auditorium

**DATE:** 18/12/23 and 19/12/23

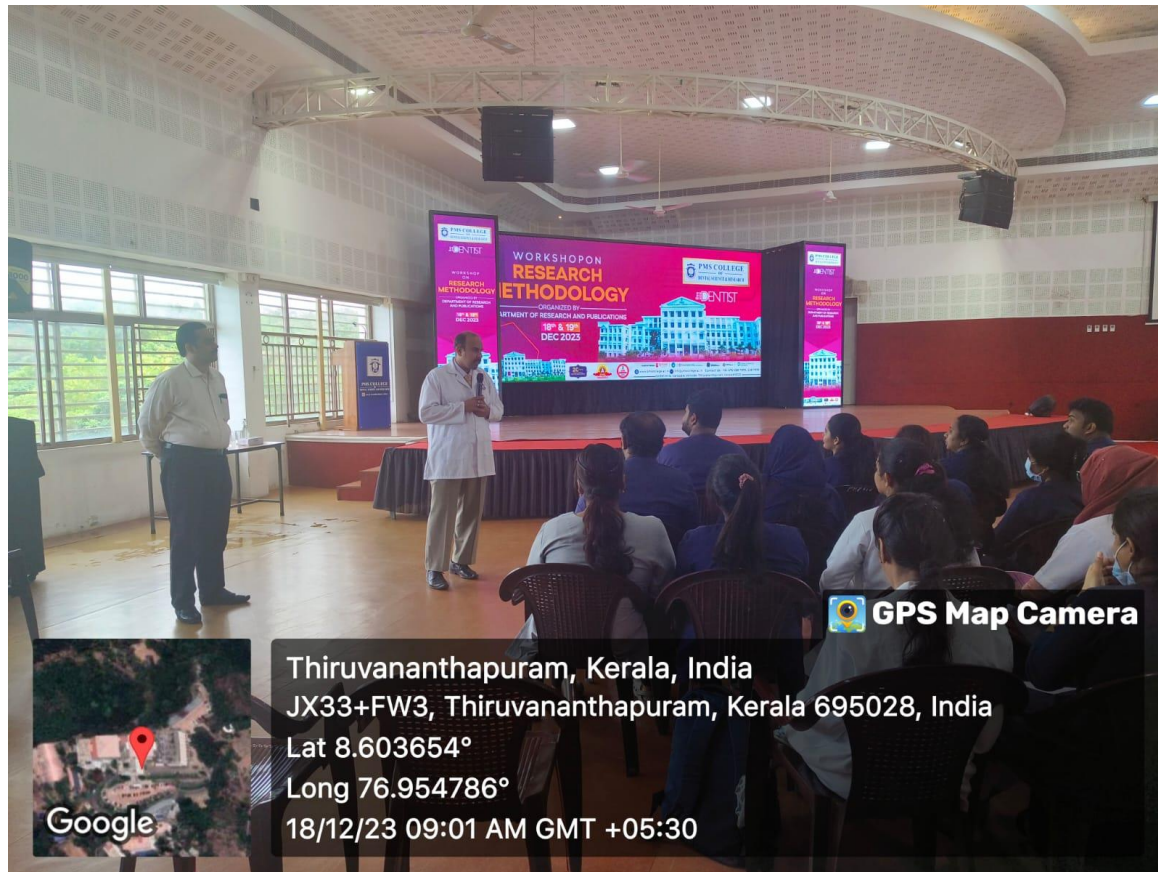
**TIME:** 8.30am-4 pm

A workshop on Research Methodology was conducted on 18<sup>th</sup> and 19<sup>th</sup> of December, 2023 from 8.30am to 4pm at Dr. R. Ahmed Central Auditorium. The workshop was organised by the Department of Research and Publications. Dr. Venkitachalam, Reader, Department of Public Health Dentistry was the external speaker for the program. Dr. Ambili R., Research Director, PMS College of Dental Science and Research, Dr. Anna P. Joseph, HOD, Department of Oral Pathology, Dr. Ancy R. J., Assistant Professor, Department of Public Health Dentistry, Dr. Ravindran Ankathil, Consultant Scientist, Central Research Lab, Dr. Smitha C., Head of Department of Microbiology and Dr. Sherin S., Faculty, Central Research Lab were the in-house speakers. All the first year Postgraduate students, one external participant from other college and PhD. Scholars attended the same. The talk was mainly focused on how to write a thesis proposal, frame a study design and also about the facilities available in the research lab of the college.


The program started at 8.30 am with a small introduction by Principal, Dr. Rajesh Pillai. The first talk was delivered by Dr. Venkitachalam and he talked in detail about the introduction to research methodology and also how to frame a research question. Also he elaborated on how to formulate aim, objectives and hypothesis and sampling methods in the next session and

gave an introduction to biostatistics, hypothesis testing and sample size calculation. Next talk was by Dr.Ambili and she talked about how to design a study effectively and about various study designs. In the next session by Dr.Anna she talked about how to conduct a literature review and critical evaluation of an article. The talk was concluded at 4pm

On December 19<sup>th</sup> the first talk was by Dr.Ambili and she explained in detail how to write a scientific proposal .The next talk was by Dr.Ancy and she explained how to select and present seminar and journal clubs and in the next session she elaborated on dental ethics. Next talk was by Dr.Anna and she gave a detailed idea of how to do critical appraisal of an article. Then there was a lunch break for half an hour. After that there was a session by the faculties of central research lab, Dr.Ravindran Ankathil, Dr.Smitha C.and Dr.Sherin S. They elaborated about the various research facilities available at the research lab and also about the various studies which can be conducted there. They also explained about Molecular biology, Microbiology, Biochemistry, Nanotechnology and Phytochemistry. After that a visit was arranged for all the participants to research lab of the college. The workshop really threw light into how to conduct a study successfully and also how to write a proposal effectively. The program was concluded at 4:00 p.m.



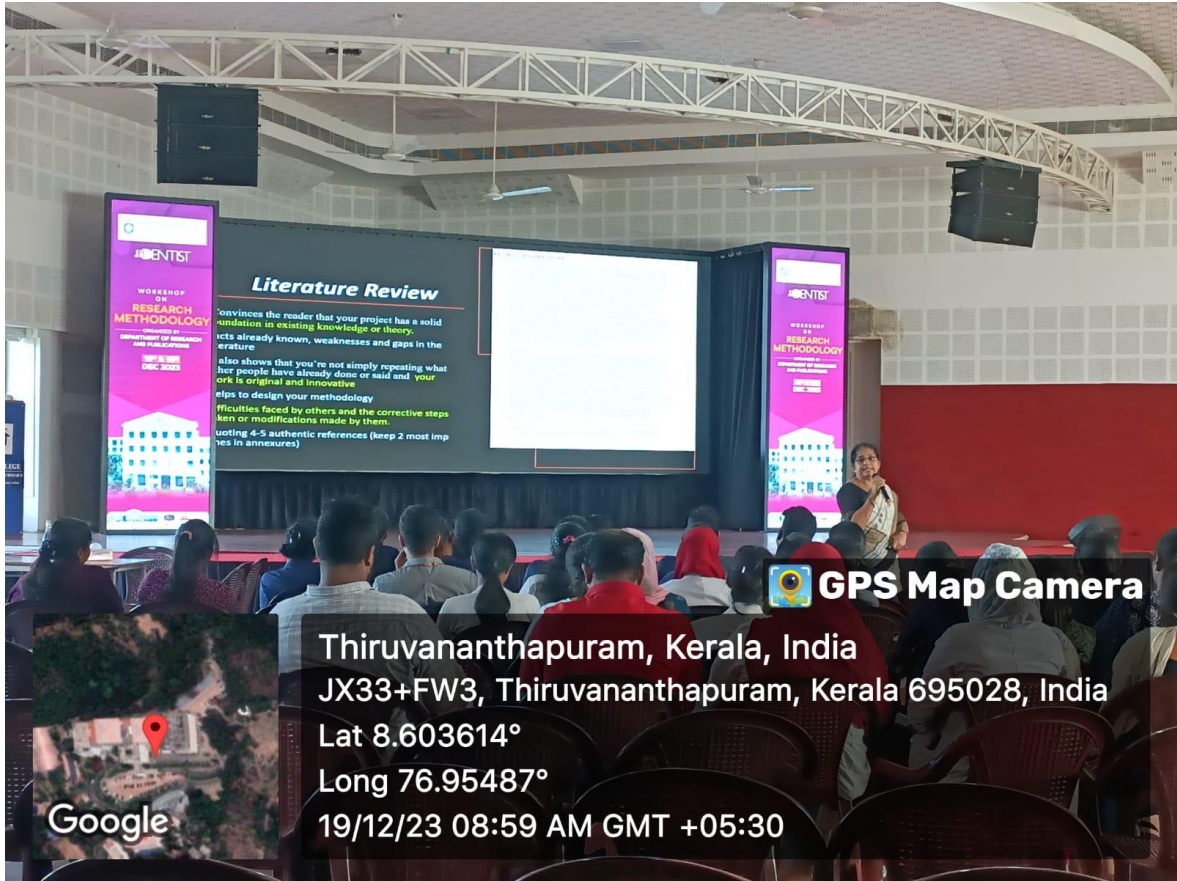


 **GPS Map Camera**



Thiruvananthapuram, Kerala, India  
JX33+FW3, Thiruvananthapuram, Kerala 695028, India  
Lat 8.603566°  
Long 76.954844°  
18/12/23 09:03 AM GMT +05:30







Dr.Ambili R.  
Research Director

Dr.Rajesh Pillai  
Principal