



SREE BALAJI DENTAL COLLEGE & HOSPITAL, CHENNAI

Institutional Review Board – Internal Quality Assurance Cell

Bharath Institute of Higher Education & Research, Chennai



In Association with

ICMR **NIE**
INDIAN COUNCIL OF
MEDICAL RESEARCH NATIONAL INSTITUTE OF
EPIDEMIOLOGY

ICMR - National Institute of Epidemiology, Chennai.

Three-day Workshop on

BASIC RESEARCH METHODOLOGY FOR DENTAL POSTGRADUATES



Dr. J. Sri Nisha
Chairperson



Dr. S. Bhumathan
Registrar, BIHER



Dr. S. Jimson
Principal, SBDCH



13th - 15th December, 2023
Auditorium, SBDCH

WORKSHOP ON BASIC RESEARCH METHODOLOGY

Sree Balaji Dental College & Hospital – Institutional Review Board & Internal Quality Assurance Cell in association with the Indian Council of Medical Research -National Institute of Epidemiology has taken this initiative to conduct the Research Methodology Workshop to help the dental professionals to do quality research in their field.

ABOUT THE WORKSHOP

Primary focus of this workshop is to improve the quality of research, create an environment and culture for research in dentistry.

The dental post graduates during this three-day abridged workshop shall be taught about the principles of biomedical / clinical research methodology and biostatistics as required for their thesis and related research work.

The key objectives of this workshop

- To enable the dental postgraduates in comprehending the relevance of biomedical / clinical research, the challenges in health research and understanding the basics of qualitative research using contemporary tools.
- To apprise the participants in developing a research question, formulating hypothesis, and framing the objectives.
- To familiarise the participants in defining the research problem, choosing the right study design, and developing a well-defined methodological framework.
- To acquaint the participants to skill sets for descriptive & analytical research by apprising them with methods of data collection, management, analysis, and interpretation.
- To sensitize the dentists on the elements of research with special emphasis on scientific, ethical, and regulatory aspects of biomedical / clinical research.
- To train the participants in quality academic writing and publication of their research findings in high impact factor peer-reviewed journals.

DETAILS OF PRESENTERS



Dr. M. SANTOSH KUMAR
Scientist C



Dr. SENDHIL KUMAR M
Consultant
Basic Course in Biomedical
Research (BCBR), ICMR-NIE



Dr. MALU MOHAN
Consultant
Basic Course in Biomedical
Research (BCBR), ICMR-NIE



Dr. V. SARAVANAKUMAR
Scientist C



Ms. KIRUTHIKA
Scientist B



Dr. E. RAJALAKSHMI
Consultant,
The TamilNadu Center of Excellence
for Advanced Manufacturing
(TANCAM), Chennai



Dr. S. LOKESH
Scientist C



Dr. JOSHUA CHADWICK
Scientist B

PROGRAM SCHEDULE

DAY 1 (13 Dec 2023)

9.00 - 9.30 am

Pre-test & Introduction to the Workshop
Dr. JIMSON. S

9.30 - 10.30 am

- Developing a research question
- Formulating Hypothesis
- Formulating objectives

Dr. M. SANTOSH KUMAR

10.30 - 11.00 am

Choosing the right study design – 1 (descriptive)
Dr. SENDHIL KUMAR

11.15 - 11.45 am

Choosing the right study design – 2 (analytical)
Dr. M. SANTOSH KUMAR

11.45- 12.15 am

Literature search – demonstration of methods/techniques
Dr. SENDHIL KUMAR

12.15 - 12.45 am

Overview of qualitative research methods
Dr. MALU MOHAN

12.45 am - 01.15 pm

LUNCH

01.15 - 01.45 pm

Sampling methods
Dr. V. SARAVANAKUMAR

01.45 - 02.15 pm

Sample size calculation
Dr. V. SARAVANAKUMAR

DAY 2 (14 Dec 2023)

9.15 - 9.45 am

Overview of data analysis- 1 (descriptive)
Ms. KIRUTHIKA

9.45 - 10.15 am

Overview of data analysis- 2 (descriptive)
Ms. KIRUTHIKA

10.15 -11.00 am

Tool development
Dr. RAJALAKSHMI

11.15 - 12.00 pm

Data collection and management
Dr. RAJALAKSHMI

12.00 - 12.15 pm

Data sharing policy
Dr. RAJALAKSHMI

12.15 - 01.00 pm

Elements of review in health research: Scientific, Ethical & Regulatory
Dr. S. LOKESH

01.00 - 01.30 pm

LUNCH

01.30 - 02.15 pm

Writing a research proposal
Dr. MALU MOHAN

DAY 3 (15 Dec 2023)

9.15-10.15 am

Writing a dissertation/thesis
Dr. JOSHUA CHADWICK

10.15-11.00 am

Literature organization with Zotero
Dr. SENDHIL KUMAR

11.15-11.30 am

Choosing the right journal for publication
Dr. M. SENDHILKUMAR

11.30 am -12.00 pm

Applying for a grant
Dr. MADHANRAJ K (TBC)

01.15 - 01.45 pm

LUNCH

01.45 - 02.15 pm

Post-test & Valedictory

TEA BREAK: 11.00 - 11.15 am

ORGANISING COMMITTEE



Dr. K. Padmavathy, Ph.D.,

Member Secretary, IRB
Professor, Department of Microbiology,
Co-Director, Research Laboratory for Oral & Systemic Health,
Sree Balaji Dental College & Hospital, BIHER, Chennai.



Dr. J. Bhuvaneshwarri, MDS.,

Co-ordinator, IQAC
Professor, Department of Periodontics & Implantology,
Sree Balaji Dental College & Hospital, BIHER, Chennai.



Dr. C. Ramya

Senior Lecturer
Program Co-ordinator
Sree Balaji Dental College & Hospital, BIHER, Chennai.

FOR ENQUIRY

CONTACT

Dr. K. Padmavathy

9884164212

www.sbdch.ac.in

FOLLOW US  [sbdch.dental](https://www.facebook.com/sbdch.dental)

 [sbdch_dental](https://www.instagram.com/sbdch_dental)

 [sbdch_dental](https://www.twitter.com/sbdch_dental)

 [sbdch_dental](https://www.youtube.com/sbdch_dental)