



SREE BALAJI DENTAL COLLEGE & HOSPITAL, CHENNAI

Institutional Review Board – Internal Quality Assurance Cell

Bharath Institute of Higher Education & Research, Chennai



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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



14th - 16th DECEMBER 2022

Venue : Auditorium, SBDCH



Dr. J. Sri Nisha
Chairperson



Dr. S. Bhumathan
Registrar



Dr. S. Jimson
Principal

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.

PROGRAM SCHEDULE

WEDNESDAY, DEC 14th, 2022

9.00 - 9.15 am

Introduction to the workshop
Dr. JIMSON. S

9.15 - 9.30 am

Pre-test
Dr. K. PADMAVATHY

9.30 - 10.30 am

- Developing a research question
- Formulating Hypothesis
- Formulating objectives

DR. RIZWAN. S. A

10.30 - 11.00 am

Literature search – demonstration of methods /techniques
Dr. M. SANTOSH KUMAR

11.00 - 11.15 am

TEA BREAK

11.15 - 11.45 am

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

11.45 am - 12.15 pm

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

12.15 - 12.45 pm

Overview of qualitative research methods
Dr. MALU. M

12.45 - 1.15 pm

LUNCH BREAK

1.15 - 1.45 pm

Sampling methods
Dr. S. DEVIKA

1.45 - 2.15 pm

Sample size calculation
Dr. S. DEVIKA

THURSDAY, DEC 15th, 2022

9.00 - 9.15 am

Recap of Day 1 session
Dr. MALU. M

9.15 - 9.45 am

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

9.45 - 10.15 am

Overview of data analysis- 2 (analytical)
Ms. KIRUTHIKA. G

10.15 - 11.00 pm

Tool development
DR. RAJALAKSHMI. E

11.00 - 11.15 pm

TEA BREAK

11.15 am - 12.00 pm

Data collection and management
Mr. K. KANAGASABAI

12.00 - 12.15 pm

Data sharing policy
Dr. RAJALAKSHMI. E

12.15 - 1.00 pm

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

1.00 - 1.30 pm

LUNCH BREAK

1.30 - 2.15 pm

Writing a research proposal
Dr. MALU. M

FRIDAY, DEC 16th, 2022

9.00-9.15 am

Recap of Day 2 session
Ms. ARCHANA JENA

9.15-10.15 am

Writing a dissertation/thesis
Dr. K. JEYASHREE

10.15-11.00 am

Literature organization with Zotero
Dr. M. SENDHILKUMAR

11.00-11.15 am

TEA BREAK

11.15 - 11.30 am

Choosing the right journal for publication
Dr. RIZWAN. S. A

11.30 - 11.45 am

Applying for a grant
Dr. RIZWAN. S. A

11.45 am -1.15 pm

Open forum for discussion
Dr. P. MANICKAM

1.15 – 1.45 pm

LUNCH BREAK

1.45-2.15 pm

Post-test
Dr. K. PADMAVATHY

2.15-2.30 pm

Valedictory
Dr. J. BHUVANESWARRI

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.

REGISTRATION FEE: Rs. 2000/-

PAYMENT DETAILS

Bank Details : Punjab National Bank

Account name : THE PRINCIPAL SREE BALAJI DENTAL
COLLEGE AND HOSPITAL

Account No : 4921000100015252

IFSC : PUNB0492100



SCAN THE QR CODE
OR



<https://tinyurl.com/sbdch-icmr-workshop-dec-2022>



FOR ENQUIRY

CONTACT

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