



**JAWAHARLAL INSTITUTE OF POSTGRADUATE
MEDICAL EDUCATION & RESEARCH (JIPMER)**
(An Institution of National Importance under Ministry of Health &
Family welfare), Government of India



**9th CNE Workshop Based Short Term Course on
“RESEARCH METHODOLOGY & PUBLICATION FOR NURSES”**
(Funded by Ministry of Health & Family Welfare, Government of India)

**Organized by
College of Nursing, JIPMER, Puducherry**



Awarded 35 credit hours by the Tamil Nadu Nurses & Midwives Council, Chennai

Date: 29.01.2024 to 04.02.2024 (7 days)

Venue: Multipurpose Hall, College of Nursing, JIPMER

Contact for registration & clarification (8.30 a.m. – 4.30 p.m.):

Phone: 0413 -2297156/ 53

Email : cneconjipmer2017@gmail.com

- **30 Participants only**
Registration confirmation based on First come, first served
- Registration fees: Nil
- Registration link:
https://docs.google.com/forms/d/e/1FAIpQLSfheEV4p18MBfZOfSWC2pxCkG7_XMhc_LvIzugFw5oJFQYu5w/viewform?pli=1
- TA (Rs.500 for 7 days with the submission of documents and whichever is minimum), DA (Rs.300/day), Lunch and refreshment will be arranged as per MOHFW (Nursing section) norms.
- Accommodation will be arranged by the participants

Greetings from College of Nursing, JIPMER!

Dear all,

It is our pleasure to invite you all for the 9th CNE workshop based Short term course on “Research Methodology & Publication for Nurses” (Funded by Ministry of Health & Family Welfare, Government of India) from 29.01.2024 to 04.02.2024.

The Jawaharlal Institute of Postgraduate Medical Education & Research (JIPMER) is a premier Institute of National Importance under Ministry of Health and Family Welfare, Government of India.

In JIPMER, the College of Nursing is offering courses such as-B.Sc. (N), M.Sc. (N) with five clinical specialties, Post Basic Diploma in Nursing with three clinical specialties and Ph.D. (N).

The students have access to voluminous library and e-learning facilities to enhance their learning. College of Nursing is equipped with adequate learning facility including proficient faculty, various laboratory infrastructures and multidisciplinary clinical set up with the bed strength of 2476. JIPMER hospital is running 27 ICUs in various specialty like Cardiology, clinical immunology, gynaecology, emergency, kidney transplantation, trauma, neuro surgery, neurology, neonatology, obstetrics, paediatric surgery, paediatrics, burns, RCC, liver transplantation, surgical gastroenterology, plastic surgery, urology etc. Students are provided with training in different areas like basic medical science, super specialty, medical, surgical, oncology, emergency, paediatric, psychiatric, obstetrics & gynaecology, and community.

An exclusive division for research is headed by the Dean (Research) along with various research monitoring committees that support and facilitate good research practices. The funds allocated for research has been increased considerably. As research is the key to excellence in academic medicine and nursing, JIPMER inculcates the attitude of inquiry, acquisition of knowledge and the conduct of research in faculty and students. The office of the Dean (Research) is striving to focus on applied research, development and training across all levels of health professionals’ viz. medical sciences, nursing & allied health sciences in the form of faculty research projects, postgraduate dissertation work, and PhD thesis work and undergraduate individual & group research projects involving human or animal subjects.

Objectives:

At the end of the course, the delegates will be able to:

- Strengthen the ability in framing of the problem statement, objectives & hypothesis.
- Update the knowledge on the qualitative, quantitative and mixed research designs.
- Enhance the knowledge on ethical guidelines on human studies.
- Develop the skill on tool development and validation.
- Acquire the skill in sample size calculation & statistical analysis for various study design.
- Improve the skill on data collection.
- Develop competency to write the research protocol including reference style.
- Acquire the knowledge on paper publication.
- Develop skills on grant writing for intramural and extramural fund
- Gain knowledge on various funding sources.
- Critically appraise the ethical issues in Research.

COLLEGE OF NURSING, JIPMER
9th CNE WORKSHOP BASED SHORT TERM COURSE ON
“RESEARCH METHODOLOGY & PUBLICATION FOR NURSES”

Day 1 - 29.01.2024 - Monday

Time	Session	Duration	Resource person/ Guest Speaker
09.00 a.m. - 09.30 a.m.	Registration & Pretest	30 min	Dr. M. J. Kumari
09.30 a.m. - 09.45 a.m.	Inauguration	15 min	-
09.45 a.m. - 10.15 a.m.	Overview of nursing research – How to choose the research problem Steps for formulating research problems Discussion using examples	30 min	Mr. R. S. Ramesh
10.15 a.m. - 10.30 a.m.	Tea break	15 min	-
10.30 a.m. - 11.15 p.m.	How to frame the research question, objective Group activity with exercises & presentation	45 min	Mrs. Vembu.K
11.15 p.m. - 12.00 p.m.	How to frame the hypothesis and assumption Group activity with exercises & presentation	45 min	Mrs. Yamuna. T.V.
12.00 p.m. – 01.00 p.m.	Variables and different types of variables Group activity with discussion	60 min	Dr.KT.Harichandra kumar
01.00 p.m. - 02.00 p.m.	Lunch break	60 min	-
02.00 p.m. - 02.45 p.m.	How to search the review of literature, Boolean Operators, Filtering, MESH terms with demo	45 min	Mrs. Gomathi Arumugam
02.45 p.m. - 03.30 p.m.	Observational, descriptive & analytical study Group activity with exercises & presentation	45 min	Dr. Jeeva Subramaniam
03.30 p.m. - 04.30 p.m.	COHORT and Case Control study Group activity with exercises & presentation	60 min	Dr. Sonali Sarkar

Day 2 - 30.01.2024 - Tuesday

Time	Session	Duration	Resource person/ Guest Speaker
09.00 a.m. - 10.00 a.m.	Experimental research design and Randomized controlled trial (RCT) registration with demo Group activity with exercises & presentation	60 min	Dr. Lakshmi Ramamoorthy
10.00 a.m. - 11.00 a.m.	Quasi experimental study with case scenario discussion	60 min	Dr. Jeeva Subramaniam
11.00 a.m. - 11.15 a.m.	Tea break	15 min	-
11.15 a.m. - 12.15 p.m.	Qualitative studies Group activity with exercises & presentation	60 min	Mrs. Gomathi Arumugam
12.15 p.m. - 01.15 p.m.	Mixed method research design - Sequential Explanatory, Exploratory & Transformative Design, Discussion with scenario	60 min	Dr. Porkodi Rabindran
01.15 p.m. - 02.15 p.m.	Lunch break	60 min	-
02.15 p.m. - 03.15 p.m.	Mixed method research design - Concurrent Triangulation, Embedded & Transformative Design, Discussion with scenario	60 min	Mrs. Aruna. P
03.15 p.m. - 04.30 p.m.	Probability & Non probability sampling technique with exercise, Group activity	75 min	Dr. Jayalakshmy R

Day 3 - 31.01.2024 – Wednesday

Time	Session	Duration	Resource person/ Guest Speaker
09.00 a.m. - 10.00 a.m.	Data, data types and data summarization	60 min	Dr. G. Prabavathy
10.00 a.m. - 11.00 a.m.	Tabular and graphical representation of data	60 min	Mrs. R. Anusuya
11.00 a.m. - 11.15 a.m.	Tea break	15 min	-
11.15 a.m. - 12.15 p.m.	Steps in developing questionnaire/ interview schedule Group activity with exercises	60 min	Dr. Jeeva Subramaniam
12.15 p.m. - 01.15 p.m.	Steps in developing observation schedule/ checklist How to check the reliability & validity of the tool Group activity with exercises	60 min	Dr. Mahalakshmy T
01.15 p.m. - 02.15 p.m.	Lunch break	60 min	-
02.15 p.m. - 03.15 p.m.	Administration of tool to the study participants – Discussion with example	60 min	Mrs. Gomathi Arumugam
03.15 p.m. - 04.30 p.m.	Techniques of data collection with case scenario discussion	75 min	Dr. Malarvizhi.S

Day 4 - 01.02.2024 - Thursday

Time	Session	Duration	Resource person/ Guest Speaker
09.00 a.m. - 10.15 a.m.	Data collection interview method with role play	75 min	Dr. Selvambigai. V.R
10.15 a.m. - 11.30 a.m.	Research Bias and how to control the bias Study based discussion	75 min	Ms.H.T.Lalthanthuami
11.30 a.m. - 11.45 a.m.	Tea break	15 min	-
11.45 a.m. - 01.00 p.m.	Introduction to ethics in human studies ICMR guidelines for responsible conduct of research	75 min	Dr. Rema Devi
01.00 p.m. - 02.00 p.m.	Lunch break	60 min	-
02.00 p.m. - 03.15 p.m.	IEC members & IEC committee responsibilities	75 min	Dr. Rajeswari. R
03.15 p.m. - 04.30 p.m.	Level of risk for human studies with case scenario discussion	75 min	Mrs. Kanimozhi. K

Day 5 - 02.02.2024 - Friday

Time	Session	Duration	Resource person/ Guest Speaker
09.00 a.m. - 10.00 a.m.	Health research on vulnerable population with case scenario discussion	60 min	Dr. Janarthanan.B
10.00 a.m. - 11.00 a.m.	Different types of Informed consent and patient information	60 min	Dr. K. Sivasankari
11.00 a.m. - 11.15 a.m.	Tea break	15 min	-
11.15 a.m. - 12.15 p.m.	Informed consent for special/ vulnerable group	60 min	Dr. Vetriselvi. P
12.15 p.m. - 01.15 p.m.	Conflict of interest with case scenario discussion	60 min	Mrs. Vembu. K
01.15 p.m. - 02.15 p.m.	Lunch break	60 min	-
02.15 p.m. - 03.15 p.m.	Grant writing for intramural and extramural fund with various source of funding	60 min	Dr. S. Suresh Kumar
03.15 p.m. - 04.30 p.m.	Checking plagiarism & Grammar check with demo	75 min	Dr. Noyal Mariya Joseph

Day 6 - 03.02.2024 - Saturday

Time	Session	Duration	Resource person/ Guest Speaker
09.00 a.m. - 10.00 a.m.	Introduction to statistical inference	60 min	Dr. KT. Harichandra kumar
10.00 a.m. - 11.00 a.m.	Sample size for descriptive studies	60 min	Dr. G. Prabavathy
11.00 a.m. - 11.15 a.m.	Tea break	15 min	-
11.15 a.m. - 12.15 p.m.	Sample size for analytical studies	60 min	Dr. KT.Harichandra kumar
12.15 p.m. - 01.15 p.m.	Publication ethics with case scenario discussion	60 min	Dr. Nivethitha Kandasamy
01.15 p.m. - 02.15 p.m.	Lunch break	60 min	-
02.15 p.m. - 03.15 p.m.	Research manuscript writing for scientific paper publication with group discussion	60 min	Dr. M. J. Kumari
03.15 p.m. - 04.30 p.m.	How to choose the journal for publication to increase the visibility of publication with group discussion	75 min	Dr. Subitha.L

Day 7 - 04.02.2024 - Sunday

Time	Session	Duration	Resource person/ Guest Speaker
09.00 a.m. - 10.15 a.m.	Different tests of statistical significance	75 min	Dr. KT Harichandra kumar
10.15 a.m. - 11.00 a.m.	How to prepare the manuscript for poster and oral presentation in conference discussion with example	45 min	Mrs. Vidya. J
11.00 a.m. - 11.15 a.m.	Tea break	15 min	-
11.15 a.m. - 12.15 p.m.	How to implement the research findings and practice with case based discussion	60 min	Dr. Kavitha. R.R
12.15 p.m. - 01.15 p.m.	How to write the research protocol and reference with Demo	60 min	Mrs. S. Rani
01.15 p.m. - 02.15 p.m.	Lunch break	60 min	-
02.15 p.m. - 03.15 p.m.	How to write the various source of reference Group activity and presentation	60 min	Mrs. S. Rani
03.15 p.m. - 04.30 p.m.	Posttest and valedictory	75 min	Dr. M. J. Kumari

Chief Patron



Dr. Rakesh Aggarwal
Director
JIPMER

Patron



Dr. Vikram Kate
Dean (Academic)
JIPMER

Patron



Dr. D.M. Thappa
Dean (Research)
JIPMER

Course Co-ordinator



Dr. M. J. Kumari
Prof. cum Principal (Ag.)
College of Nursing, JIPMER

Resource person/ Guest Speaker



Dr. Sonali Sarkar



Dr. Noyal Mariya
Joseph



Dr. Subitha L



Dr. S. Suresh Kumar

Resource person



Mr. R.S. Ramesh



Dr. Lakshmi
Ramamoorthy



Dr. Vetriselvi.P



Mrs. Yamuna.T.V



Dr. KT. Harichandrakumar



Dr. Jayalakshmy. R



Dr. Mahalakshmy.T



Dr. G. Prabavathy



Dr. Porkodi
Rabindran



Dr. Kavitha.R.R



Mrs. Kanimozhi.K



Mrs. Aruna.P



Mrs. R. Anusuya



Dr. Nivethitha
Kandasamy



Mrs. Gomathi
Arumugam



Dr. Selvambigai.V.R



Dr. Janarthanan. B



Mrs. Vembu. K



Mrs. S. Rani



Dr. Sivasankari.K



Dr. Jeeva Subramaniam



Dr. Malarvizhi.S



Dr. Rema Devi



Dr. Rajeswari R



Mrs. Vidya. J



Ms. H.T. Lalthanthuami