



**NALINI DEVI WOMEN'S COLLEGE OF TEACHER EDUCATION (NDWCTE)
BHUBANESWAR, ODISHA**

SCHOOL OF EDUCATION, KATHMANDU UNIVERSITY, NEPAL

and

COUNCIL FOR EDUCATIONAL ADMINISTRATION AND MANAGEMENT (CEAM)

Jointly organize

**SEVEN DAYS ONLINE FACULTY DEVELOPMENT PROGRAMME
on**

ESSENTIALS OF RESEARCH METHODOLOGY: A HANDS-ON APPROACH

June 2 - 8, 2024 | 10.30 am -12.30 pm



Teachers, Teacher Educators and Research Scholars can attend the programme

- Patrons** :
- Dr Gayatri Mohanty**
Principal, NDWCTE, Bhubaneswar
 - Prof Bal Chandra Luitel Ph.D**
Dean, School of Education, Kathmandu University, Nepal
 - Dr V. M. Sasikumar**
President, CEAM
- Programme Directors** :
- Dr Sabita Nayak**
Professor, NDWCTE, Bhubaneswar
 - Dr Tikaram Poudel**
School of Education, Kathmandu University, Nepal
 - Dr M. S. Geetha**
Former Dean, Faculty of Education, University of Kerala
(Working President, CEAM)
- Programme Coordinator** : **Dr Rupam Priya**
Assistant Professor, NDWCTE,
Bhubaneswar (Mob: 9560522936)

**FDP Fees:
INR 1000/-**

Mail ID for correspondence

ndwcteresearch@gmail.com; ceamindia@gmail.com

Registration link

<https://forms.gle/4N12oSvVFFbuPpin9>

Scan here
for payment



The stated objectives of the FDP are:

- To equip faculty members with essential skills and knowledge in research methodology.
- To enhance faculty members' ability to design and conduct rigorous research projects.
- To nurture a culture of research excellence within the faculty.
- To provide faculty members with practical tools and techniques for effective data analysis and interpretation.
- To encourage interdisciplinary collaboration and knowledge exchange among faculty members.

Module 1: Understanding Research Methodology

- Inauguration of the FDP
- Introduction to research methodology
- Types of research designs
- Formulating research questions and objectives

Module 2: Handling Research Problems and Conducting Literature Reviews

- Defining research problems
- Formulating research hypotheses
- Strategies for conducting comprehensive literature reviews and its significance
- Writing a research Proposal

Module 3: Research Design and Sampling Techniques

- Experimental, quasi-experimental, and non-experimental designs
- Sampling techniques and sample size determination
- Survey as a method of data collection
- Ethical considerations in research

Module 4: Data Collection and Analysis

- Data collection instruments: observation, questionnaires, interview, etc.
- Data coding and entry
- Introduction to statistical analysis: descriptive and inferential statistics
- Using Statistical Package for Social Sciences (SPSS)

Module 5: Interpretation and Presentation of Research Findings

- Interpreting statistical results and hypothesis testing
- Drawing conclusions and making recommendations
- Effective presentation of research findings
- Publishing research: journals, conferences, and other platforms

Module 6: Advanced Topics in Research Methodology

- Qualitative research methods: ethnography, phenomenology, grounded theory, case study, etc.
- Mixed methods research
- Research grants and funding opportunities
- Building research networks and collaborations

Module 7: Writing Bibliography and Synopsis

- Referencing Styles & Report writing
- Valedictory