



**NITTTR  
BHOPAL**

**TVE-8/2024-2025**

**Research Methodology for Engineering Education**

**14-10-2024 to 25-10-2024**

**NITTTR Bhopal**



<https://erp.nittrbpl.ac.in/poc2024/?id=regTVE-8>

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## Rationale

Research Plays a vital role in policy, social role and best practices within the organization and throughout the various sectors. It provides us accurate and timely information.

Research provides an alternative approach for processing the prospective (theoretical and practical's), empirical finding and historical trends. Through the research, systems can be modified, reshaped, develop or design to achieve some desirable objectives such as:

- To develop an understanding of research methodology.
- To focus on process and techniques of research.

This program is specially designed with a focus on research methodologies to provide a realistic and exciting learning experience of being a teacher or researchers. This training program aims to raise awareness among teachers to develop methodologies for various systems.

## Programme Outcomes

After completion the programme, the participants will be able to:

- Develop an understanding of research methodology.
- Focus on process and techniques of research.
- Demonstrate fundamentals of Simulation software like MATLAB

## Programme Content

- Introduction of Research
- Research Design
- Qualitative Research
- Quantitative Research
- Validity and reliability of research
- Interpretation of Data

## Target Group

Faculty of all disciplines

## Coordinator & Co-Faculty

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**e Prashikshan**  
An Online Training Portal of NITTTR Bhopal  
[www.eprashikshan.com](http://www.eprashikshan.com)

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