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A Report on **One Day Seminar on** **“Research Methodology”** Organized by **Department of Electrical and Electronics Engineering** on **25.07.2025**

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**MADANAPALLE INSTITUTE OF
TECHNOLOGY & SCIENCE**
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A One Day Seminar
on
Research Methodology
Organized by

Date : 25/07/2025 **Department of Electrical and Electronics Engineering** **Venue : Seminar Hall - B**

Session - 1 : 10.00 AM to 11.00 AM
Research methodologies: Selection of a Research topic and Research Paper Writing

Session - 2 : 11.20 AM to 12.20 PM
Project Proposal Writing and Funding opportunities

**Resource Person**
Dr. Suresh Mikkili
Associate Professor & Head,
Dept. of Electrical & Electronics Engineering,
NIT Goa.

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Assistant Professors, MITS Deemed to be University

Coordinators
Mr. M. Venkatesh
Mr. Ramesh Kumar R
Assistant Professors, MITS Deemed to be University

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Report Submitted by: Mr.B.Karthick, Assistant Professor in EEE, Coordinator.

Faculty Coordinators: Dr.Srinivas Chikkam, Assistant Professor, EEE Department

Mr.M.Venkatesh, Assistant Professor, EEE Department

Mr.Ramesh Kumar R, Assistant Professor, EEE Department

Resource Person Details: Dr. Suresh Mikkili, Associate Professor & Head, Department of Electrical & Electronics Engineering, NIT, Goa

Total Participants: 30 Participants, including Faculty Members

Venue: Seminar Hall-B

Mode of Conduct: Offline

Report Received on 02.08.2025.

The Department of Electrical and Electronics Engineering, organized a One-day Seminar titles "Research Methodology" on 27 July 2025. The event aimed to enhance the research capabilities of students and faculty by providing insights into systematic research practices, proposal writing, data analysis, and publication strategies.



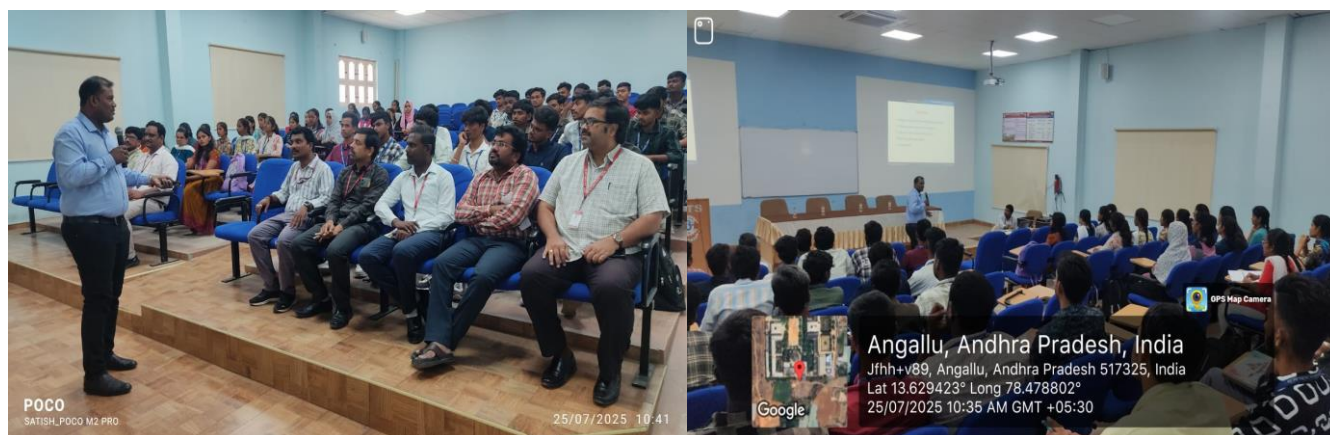
The Seminar commenced at 10:00 AM with a formal welcome by **Dr. A. V. Pavan Kumar**, Professor and Head of the Department of EEE. He delivered the opening remarks, emphasizing the importance of research in the modern engineering curriculum and the department's commitment to fostering an academic ecosystem supportive of inquiry and innovation. **Dr. Srinivas Chikkam**, Assistant Professor/EEE and Event Coordinator, introduced the resource person **Dr. Suresh Mikkili**, Associate Professor & HOD at NIT Goa, a distinguished professional and an inspiring speaker known for his expertise in personal and professional development.

The resource person outlined and discussed the following key points during the session:

Session 1: Research Methodologies: Selection of a Research topic and Research paper writing (10:0 AM – 11:00 AM)

This session focused on guiding participants through the process of identifying and selecting a research topic followed by Research paper writing:

1. Understanding personal interest and field relevance.
2. Conducting an effective literature review.
3. Finding research gaps and formulating a problem statement.
4. Assessing feasibility, novelty, and research scope.
5. Consulting mentors and aligning with societal/industrial needs.
6. Structure of a research paper – Title, Abstract, Introduction, Methodology, Results, Conclusion, References.
7. Academic writing style, grammar, and clarity.
8. Use of tools like Mendeley, Grammarly, LaTeX, and plagiarism checkers.
9. Selecting suitable journals (UGC-CARE, Scopus, SCI) and following submission guidelines.
10. Responding to reviewer comments and revising papers ethically.



Session 2: Research Methodologies: Project proposal writing and Funding Opportunities (11:00 AM – 12:00 PM)

This session focused on guiding participants through the process of project proposal writing followed by funding opportunities:

1. Identifying personal research interest and field relevance.
2. Conducting a focused literature review.
3. Finding research gaps and formulating a strong problem statement.
4. Assessing feasibility, innovation, and scope.
5. Aligning research with funder priorities
6. Understanding eligibility and documentation requirements
7. Preparing realistic budgets and timelines

Program Outcome:

1. The participants gained better understanding of the research process
2. The students got motivation to publish academic work
3. Increased confidence in writing and submitting papers
4. Awareness of research ethics and publication standards

Finally, a Vote of Thanks is given by Event Co-coordinator Mr.B.Karthick, Assistant Professor and the program is concluded.