

Dr. Mahalingam College of Engineering and Technology Office of Dean Research & Innovation

(Power Electronics and Systems & Control and Automation-PESCA)

Research Interest Group

Knowledge sharing session Report on "Research Proposal Writing"

Date: 12.02.2025

About the Session: Date Name of the No of & Topic Venue **Resource Person Participants** Time S.No. Dr.K.Ragavan, **Research Proposal** 08.02.2025 EEE 1. 76 Writing 2.00pm to Seminar Professor, Department of 4.30pm Hall **Electrical Engineering**, IIT, Gandhinagar

Objectives:

- About the Research proposal writing.
- Discuss Grant for proposed work and probability of success rate.
- Discuss the structure of the proposal.
- Discuss Journal and conference publication of the proposed work.

Topics Covered:

- 1. Introduction to Research Proposal Writing
 - Importance of a well-structured research proposal
 - Key elements of a successful proposal
 - \circ $\,$ Common mistakes to avoid $\,$
- 2. Identifying Funding Opportunities and Grant Writing
 - Sources of research grants (government, private, and institutional funding)
 - Writing a compelling grant proposal
 - Addressing funding agency priorities and expectations
 - Strategies to improve the probability of grant approval

3. Structure of a Research Proposal

- Title and Abstract
- Introduction and Background
- Literature Review
- Problem Statement and Research Objectives
- Methodology and Research Design
- Expected Outcomes and Impact
- Budget and Timeline
- References and Appendices
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4. Publication Strategies for Proposed Research

- Selecting appropriate journals and conferences
- Writing high-impact research papers
- \circ $\;$ Understanding journal and conference review processes $\;$
- Enhancing citation and visibility of publications
- Ethical considerations in research and publication

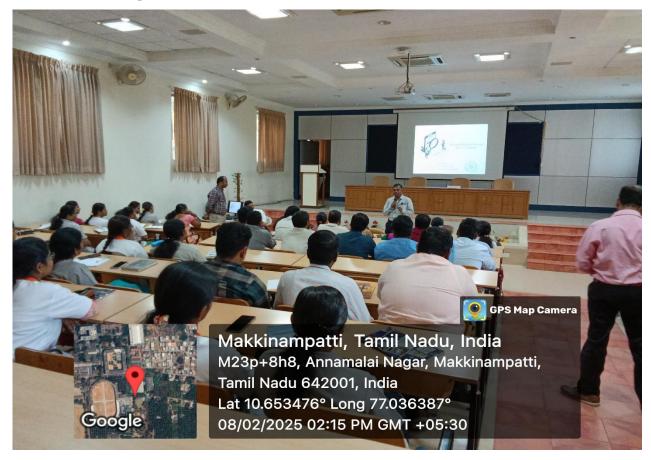
Q & A Session/Interaction:

- Discussed review past success rates of similar proposals in the same field.
- Discuss the process and criteria for publishing in peer-reviewed journals.
- Analyze gaps in the current literature that your research will address.
- Justify all costs and ensure they are within the grant's financial scope.
- Identify potential risks and challenges that may arise during the project.

Outcomes:

- To learn about the Research proposal writing structure and planning process.
- Learn the basic proposal write-up procedure and way to write.
- Learn, how to process the proposed research at international or national conferences and journal publication.
- Improved knowledge of funding agencies and their expectations.
- Participants will learn how to effectively structure their proposals for different funding bodies.
- Personalized feedback and expert guidance through the Q&A session.

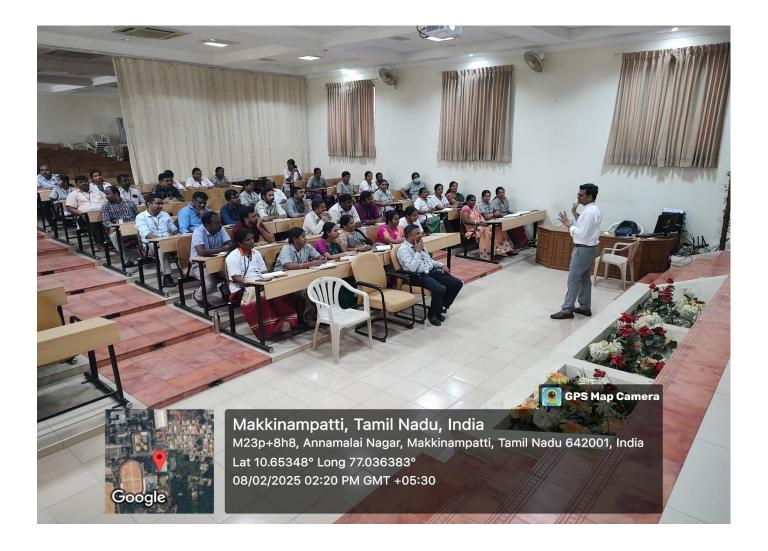
Photos taken during the Session:











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Vice-Principal

First.

Principal

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