



KARPAGA VINAYAGA

COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC)
GST Road, Chinna kolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

Department of Biomedical Engineering

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Department of Biomedical Engineering

Report on

Faculty Development Program

15th November 2025

“A REPORT ON FACULTY DEVELOPMENT PROGRAM WRITING EFFECTIVE RESEARCH PROPOSAL FOR FUNDING AND APPROVAL”

A one-day Faculty Development Program (FDP) titled "Writing Effective Research Proposals for Funding and Approval" was conducted on November 15, 2025, at the Edusat Hall. The FDP was held to help the participants, who were 64 teaching faculty from various departments of Karpaga Vinayaga College of Engineering and Technology (KVCET), learn how to write better research proposals to get funding and approval from different agencies.

Session 1:15.11.2025(9.30 AM– 10.45 AM)

Title : Winning Research Proposals

The FDP commenced with a highly informative session delivered by Dr. Murugesan, Advisor - Research, KVCET, focusing on "Writing Research Proposals for Funding and Approval. Dr. Murugesan provided a detailed breakdown of the requirements for successfully securing grants from prominent national agencies such as ANRF, ICMR, and CSIR. He thoroughly covered the crucial elements of proposal development, including how to structure a compelling research narrative, the essential qualification and eligibility criteria for Principal Investigators, and the importance of strictly adhering to the specific formats and submission guidelines unique to each funding body. The session was crucial in equipping participants with the knowledge necessary to tailor their research proposals effectively to match the objectives and expectations of various external funding streams.

Session 2 :(11.00 AM- 12PM)

Title : Reference Citation management

The next session was led by Dr. Sivakumar, Associate Dean for Research and Academics at KVCET, who focused on integrating cutting-edge AI tools and digital platforms to maximize research efficiency. He provided practical training on using tools like Litmaps and Research Rabbit for visual mapping of citation networks and identifying critical knowledge gaps. Furthermore, Dr. Sivakumar introduced Paperpal and OpenRead to enhance the clarity and efficiency of academic writing and PDF summarization. A significant portion of the session was dedicated to simplifying reference management using Zotero, demonstrating how this open-source tool automates citation capture, allows for effortless switching between various reference formats (like APA to IEEE), and ensures synchronized organization of the research



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library. Finally, he provided methodology for writing a high-impact review article that focuses on critical synthesis rather than simple summarization.

Session 3 :(12.00 pm- 1.PM)

Title : Successful Funding Journey

The second session was conducted by Dr. Karthikeyan, Head of the Biotechnology Department at KVCET, who provided an inspiring and practical account of the department's successful funding journey. He focused on real-world strategies for securing grants, sharing detailed case studies on how their team effectively overcame challenges and ultimately received significant project funds. A key highlight was the discussion on communication management—specifically, how they corresponded with funding agencies during the review process and successfully navigated the steps to officially receive and manage the awarded grants. Furthermore, Dr. Karthikeyan expanded the faculty's perspective on resource generation by outlining methods for obtaining funding through organizing seminars and conferences, emphasizing the importance of diverse funding streams for departmental growth.

Session 4 :(2.00 pm- 3pm)

Title : Strategic Agency Approach and Funding Schemes

The final technical session was led by Dr. Balamurugan, Head of ECE, KVCET, who provided a strategic guide on the crucial process of approaching funding agencies for research proposals. Dr. Balamurugan detailed the importance of meticulously identifying appropriate agencies and specific funding schemes that align with the research domain and career stage of the faculty, particularly highlighting schemes beneficial for researchers starting out. He elaborated on effective methods for proactive agency communication and provided instruction on how to frame a budget and a research proposal strategically to secure maximum possible funds, ensuring the faculty members were equipped with actionable steps to navigate the complex external funding landscape.



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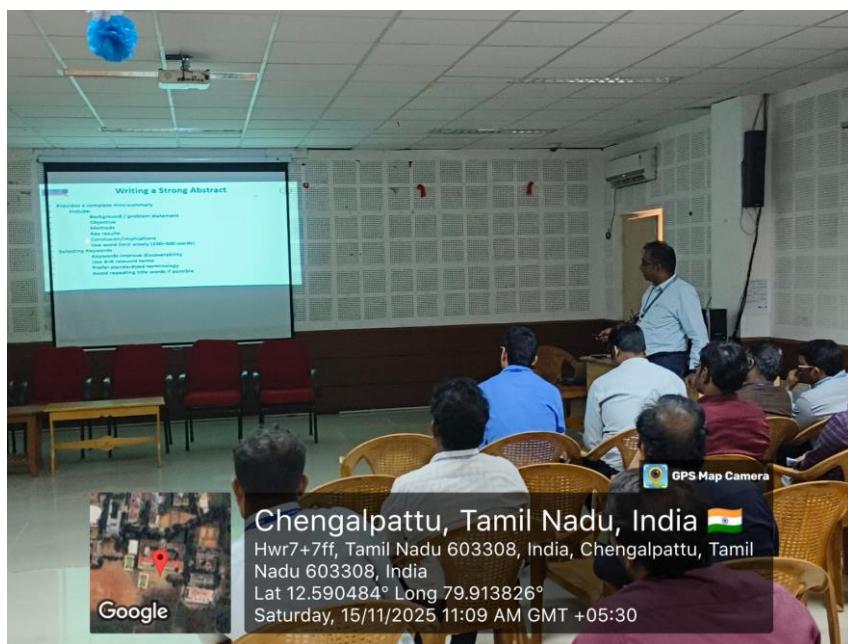
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Dr.Murugesan delivering the lecture in online –Session 1



Dr.Sivakumar deliveiing Lecture –Session 2



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Dr. Karhikeyan delivering lecture Session 3

15/11/2025

Event Coordinator

15/11/2025

HoD/ BME