SANTHIRAM ENGINEERING COLLEGE
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Department of Computer Science & Engineering

Report

Program Title	: A One-Day Faculty Development Program on **"MASTERING THE ART OF RESEARCH"**
Organized By	: Department of CSE.
Program Coordinator	: Mr.T. Mahesh Mithra, Asst.Prof.
Date	: 21-01-2026
No. of Faculty Attended	: 25

The Department of Computer Science Engineering in association with the SREC IEEE Student Branch (STB17901) and IEEE Computer Society (SBC17901B), organized a One Day Faculty Development Program (FDP) titled *"Mastering the Art of Research"* on 21-01-2026 at Lecture Hall.

The program was conducted with the objective of enhancing research knowledge, academic writing skills, and publication practices among faculty members to promote a strong research culture within the institution. The FDP focused on providing a comprehensive understanding of research methodologies, problem identification, literature survey techniques, experimental design, and data analysis methods essential for quality research work. Emphasis was placed on effective technical writing, preparation of research papers, citation standards, plagiarism avoidance, and selection of appropriate journals and conferences for publication.

The sessions also highlighted research ethics, intellectual property rights, proposal writing for funded projects, and best practices for presenting scholarly work. Faculty members actively participated in the interactive discussions, which helped them clarify their queries and share experiences related to research and innovation. The program provided valuable insights into systematic research processes and motivated participants to improve the quality and impact of their academic contributions.

Objectives

- To develop a clear understanding of the research process and its importance in academia and industry.

- To enhance skills in identifying research problems and formulating effective research questions.

- To provide knowledge of various research methodologies, designs, and tools.

- To improve abilities in literature review, data collection, and data analysis.

- To familiarize participants with ethical practices and standards in research.

Program Highlights

- Comprehensive overview of the complete research lifecycle

- Techniques for identifying research gaps and problem formulation

- Hands-on guidance on literature review using reputed databases

- Overview of qualitative and quantitative research methodologies

- Practical insights into data collection and analysis tools

- Research ethics, plagiarism prevention, and academic integrity

- Effective research paper, thesis, and proposal writing strategies

- Journal selection, indexing (Scopus, Web of Science), and publication process

Overall, the FDP proved to be highly informative and beneficial, strengthening the research capabilities of faculty members and encouraging continuous learning, innovation, and professional development through the joint efforts of the Department of CSE and the SREC IEEE Computer Society.

Program Resource Person gives lecture on "ART OF RESEARCH"

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Resource Persons Deliver the Content About Research

Faculty Participated in the Program

Program Coordinator's   **HCSE**