

Department of Artificial Intelligence and Machine Learning



10.09.2026

Submitted,

Sub: Report – Five days National Level online FDP on “ADVANCING RESEARCH IN THE AI ERA: MODERN METHODOLOGIES, ACADEMIC WRITING AND SCHOLARLY PUBLISHING” - Reg.,

The Department of Artificial Intelligence and Machine Learning, in association with ISTE chapter of our college has organized Five days online FDP on the Advancing Research in the AI Era: Modern Methodologies, Academic Writing and Scholarly Publishing from 31.08.2026 to 04.09.2026.

DAY 1 (31.08.2026)

The Day 1 session commenced with a warm welcome address by Dr. Sivaprakash C, Head of the Department (HOD), who welcomed the resource person, and participants. This was followed by Mrs. Nancy Vaish introducing the Chief Guest and highlighting their professional background and contributions to the field. Following the introduction, the technical session commenced with Dr. Sarvesh Tanwar, Professor, Amity Institute of Information Technology Amity University, Noida, the resource person, who engaged the participants with an insightful and informative session on the Research Problem Identification and Formulation.

The session focused on understanding the research problem, identifying research gaps through literature review, selecting relevant and feasible research topics, and formulating clear research questions and objectives. She also emphasized the importance of novelty, research significance, scope, and alignment between the research problem, objectives, and methodology. The session provided participants with practical insights into developing a well-defined research problem as the foundation for meaningful research.

The session concluded with a vote of thanks delivered by Mrs. Divyashri, who expressed her sincere gratitude to the resource person and all the participants for their active participation.

Department of Artificial Intelligence and Machine Learning

DAY 2 (01.09.2026)

Dr. Siddhi Nath Rajan, Professor, Department of Computer Science and Engineering, RD Engineering College, Ghaziabad delivered a session on Literature Review and Research Gap Identification. The session provided participants with a clear and comprehensive understanding of what a literature review is, why it is an essential component of research, and how it helps researchers understand the existing body of knowledge in a particular area.

The speaker explained the systematic steps involved in conducting an effective literature review and identifying relevant research gaps from existing studies. Special emphasis was given to the 5 Cs of Literature Review – Cite, Compare, Contrast, Critique, and Connect, which help researchers critically analyze and synthesize scholarly literature rather than merely summarize previous studies. The session also introduced participants to various AI-based modern literature review tools that can assist in searching, organizing, analysing, and synthesizing research papers efficiently. Practical examples and clear explanations helped participants understand how literature review contributes to developing a strong research foundation, refining research questions, and identifying potential areas for future investigation.

DAY 3 (02.09.2026)

Dr. Rupa Ezhil Arasi P, Professor, Department of Artificial Intelligence and Machine Learning, Sri Sairam College of Engineering, Bengaluru, delivered an insightful session on Research Methodology, Data Collection and Analysis.

The session provided a clear understanding of research methodology and its role in conducting systematic research. She explained the importance of defining the research problem, objectives, research questions, and hypotheses. The significance of selecting suitable research methods based on the research objectives was also highlighted.

She also introduced various AI-assisted research tools such as Research Rabbit that can support researchers in literature search, data collection, analysis, and interpretation. The session highlighted how AI tools can make the research process more efficient, organized, and effective.



Department of Artificial Intelligence and Machine Learning

DAY 4 (03.09.2026)

Dr. Kiruthika Devi, Associate Professor, Department of Information Technology, Sri Venkateshwara College of Engineering, Sriperumbudur, delivered an insightful session on Academic Writing and Research Paper Development. The session provided a clear understanding of the fundamentals of academic writing and the structure of a research paper. She explained the importance of organizing research content effectively, including the abstract, introduction, literature review, methodology, results, discussion, and conclusion.

The resource person discussed effective techniques for developing a well-structured and impactful research paper, along with the importance of proper referencing and avoiding plagiarism. She also introduced AI-assisted tools that can support researchers in literature exploration, academic writing, proofreading, and improving the quality of manuscripts.

DAY 5 (04.09.2026)

The session was led by Dr. M. Thurai Pandian, Associate Professor, Department of Computer Science and Engineering, SRM University, Tiruchirappalli, on the topic Research Publication, Ethics and Responsible AI Practices. The session provided valuable insights into the essential aspects of publishing research effectively, maintaining academic integrity, and following ethical practices throughout the research and publication process.

Dr. Thurai Pandian also highlighted the importance of responsible use of Artificial Intelligence in research, emphasizing ethical considerations, transparency, originality, and responsible AI practices. The session offered practical guidance on maintaining research quality and integrity while leveraging modern AI tools. The insightful discussions and examples shared by the resource person were highly beneficial to the participants in enhancing their understanding of ethical research and responsible scholarly practices.

Department of Artificial Intelligence and Machine Learning

The initiative aligns with Sustainable Development Goals – Goals 4 (quality Education) by enhancing faculty's access to high quality in research; Goal 8 (Decent Work and Economic Growth) by equipping learners with relevant skills for the digital economy; Goal 17 (partnerships for the goals) by facilitating meaningful collaboration between academia from various institutions.

The FDP concluded with a valedictory address by Dr. B. Shadaksharappa, Principal, Sri Sairam College of Engineering. He highlighted the significance of continuous learning, research-oriented practices, and the effective integration of emerging technologies such as Artificial Intelligence in teaching and research. He appreciated the efforts of the organizers, resource persons, and participants in making the FDP a meaningful and enriching learning experience. The valedictory session marked the successful completion of the FDP with valuable reflections and encouragement for participants to apply the knowledge gained in their academic and research activities.

We Thank the Management, Principal, ISTE Technical chapter for their support and motivation for conducting this online FDP successfully.

Manjula
Disyathri

15/09/2026

Yours Sincerely

[Signature]

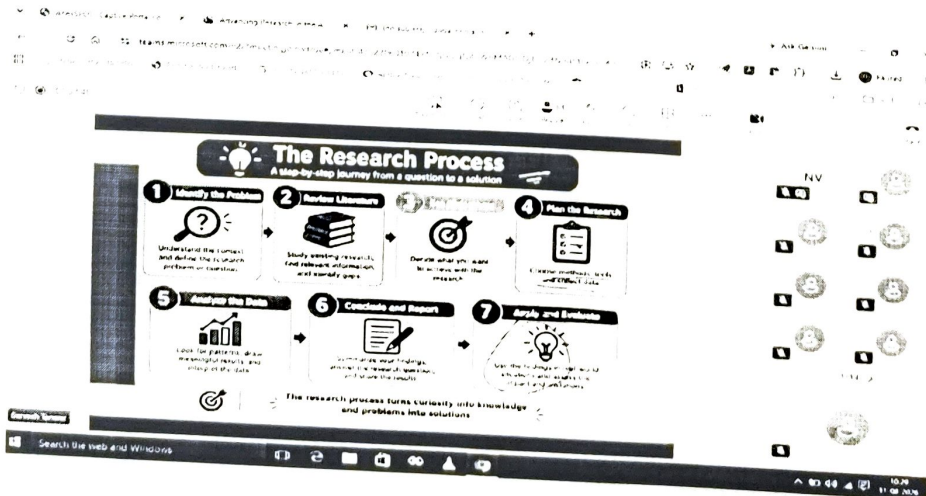
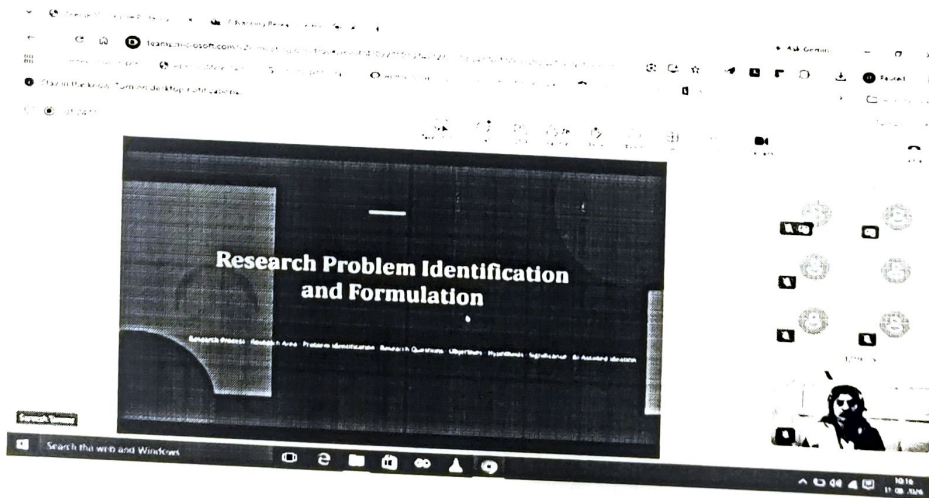
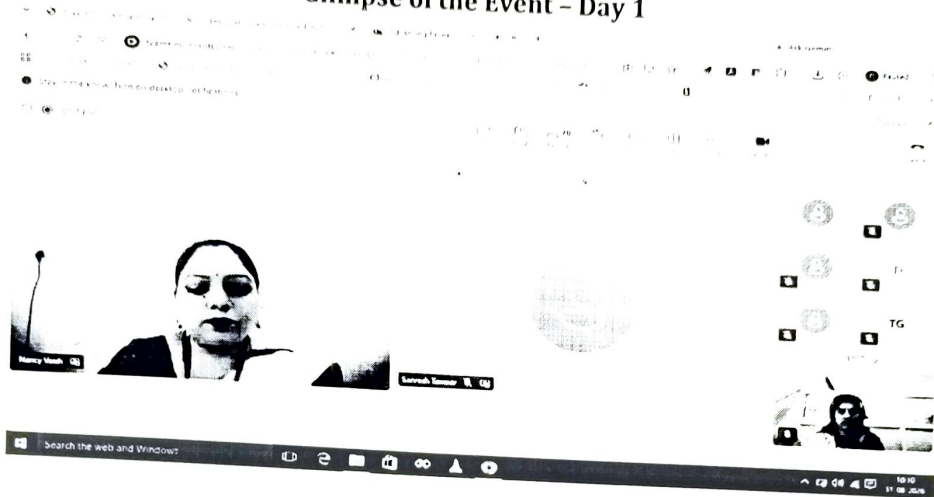


Sri
SAIRAM
COLLEGE OF ENGINEERING
Anekal, Bengaluru

Accredited by NAAC
ISO 9001:2015 Certified Institution
Approved by AICTE, New Delhi
Affiliated to Visvesvaraya Technological University
www.sairamce.edu.in

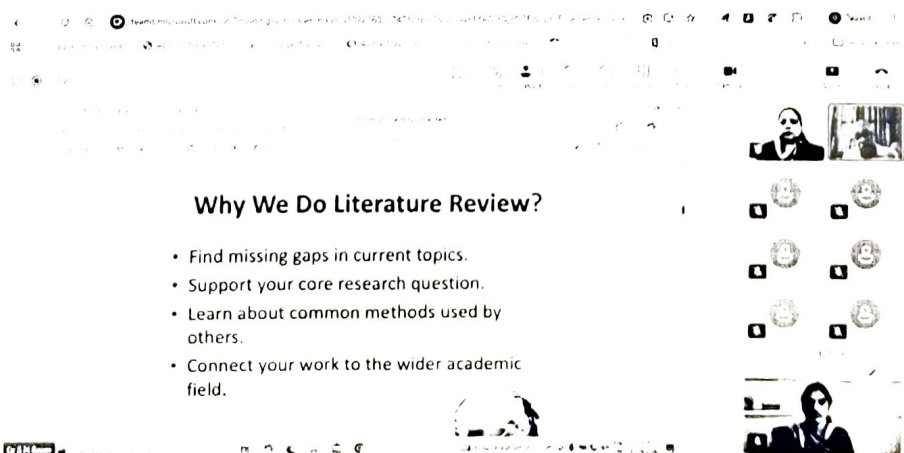
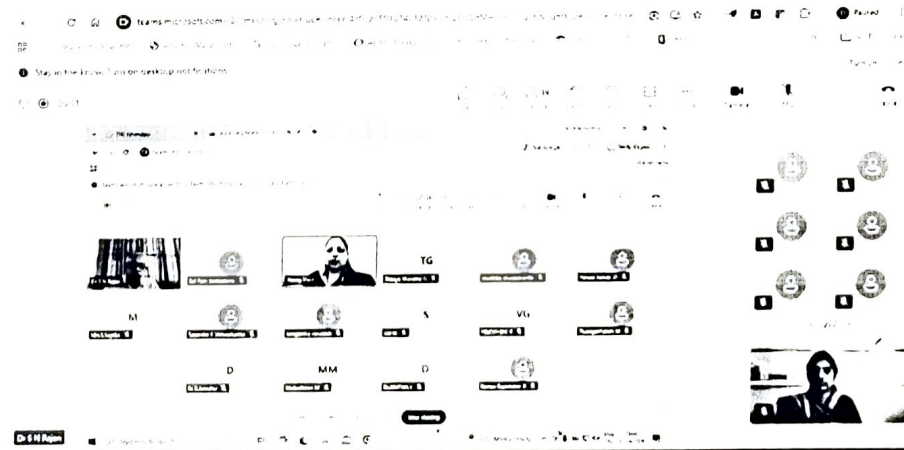
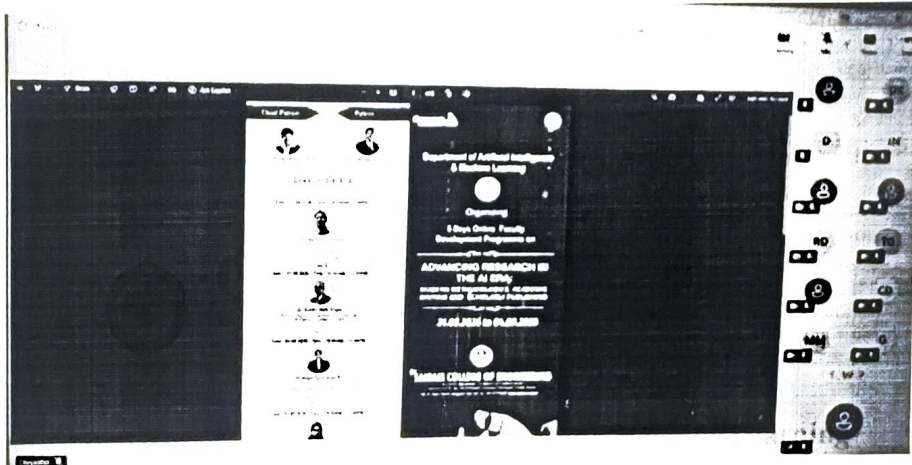
Department of Artificial Intelligence and Machine Learning

Glimpse of the Event – Day 1



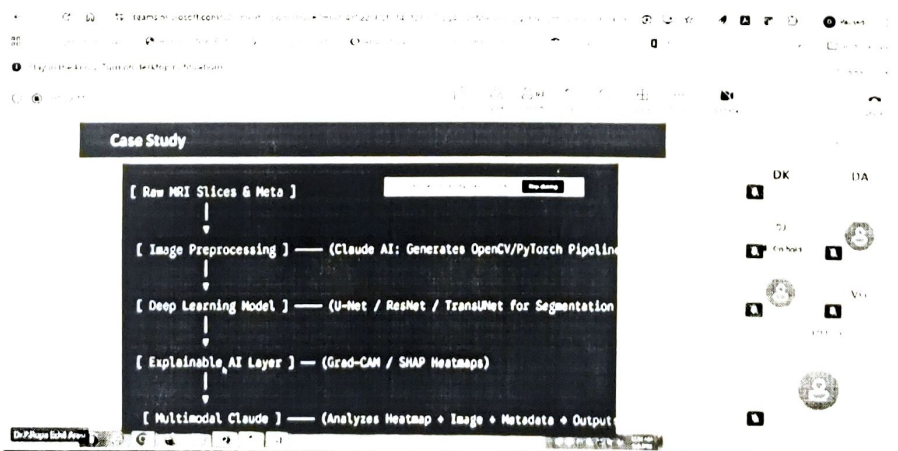
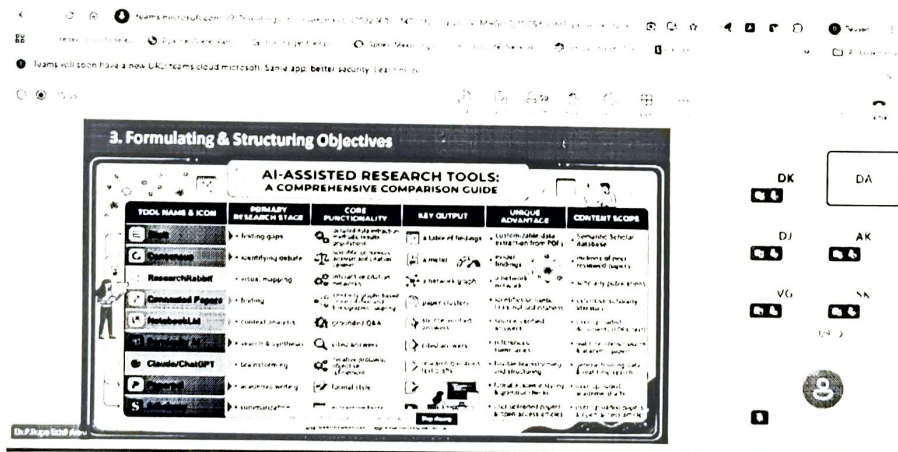
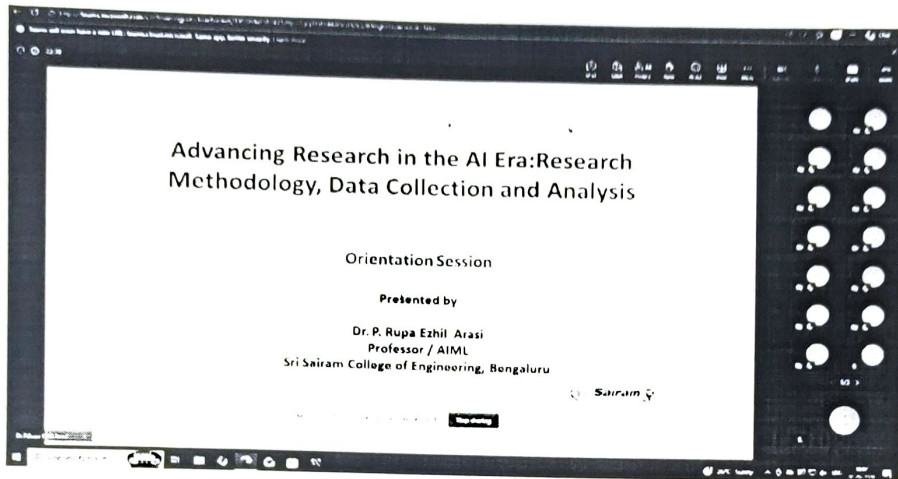
Department of Artificial Intelligence and Machine Learning

Glimpse of the Event – Day 2



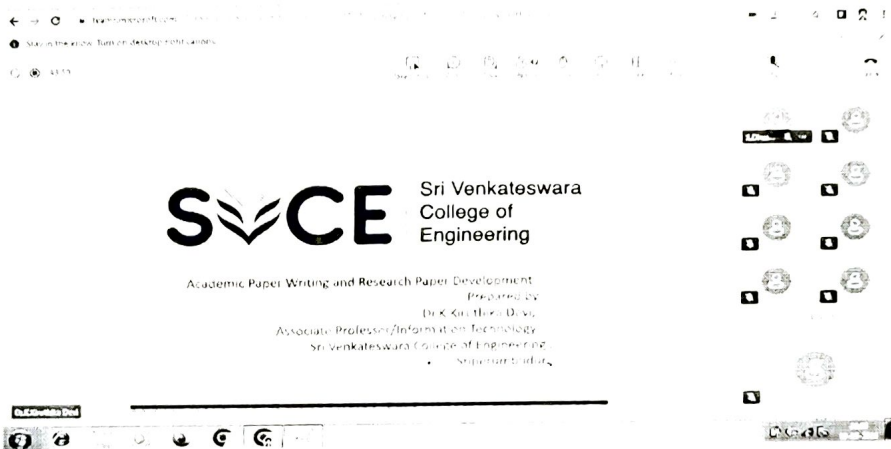
Department of Artificial Intelligence and Machine Learning

Glimpse of the Event – Day 3



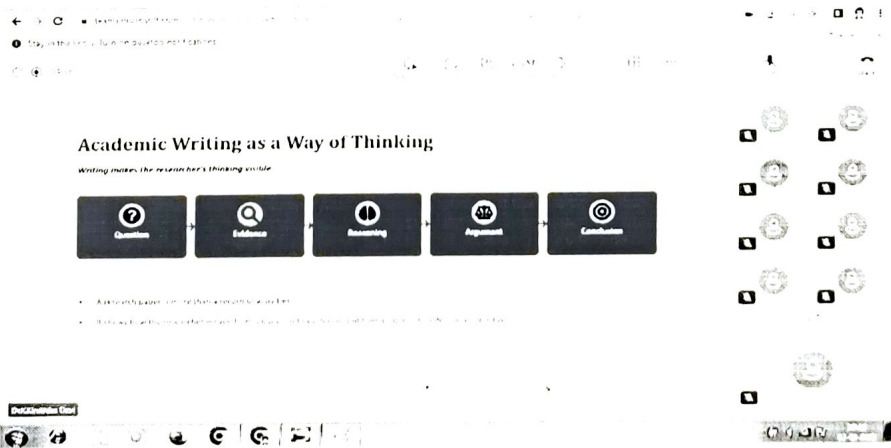
Department of Artificial Intelligence and Machine Learning

Glimpse of the Event – Day 4



Sri Venkateswara College of Engineering

Academic Paper Writing and Research Paper Development
Prepared by
Dr. K. Gunther Davis
Associate Professor/Instructor in Technology
Sri Venkateswara College of Engineering
Superintendence

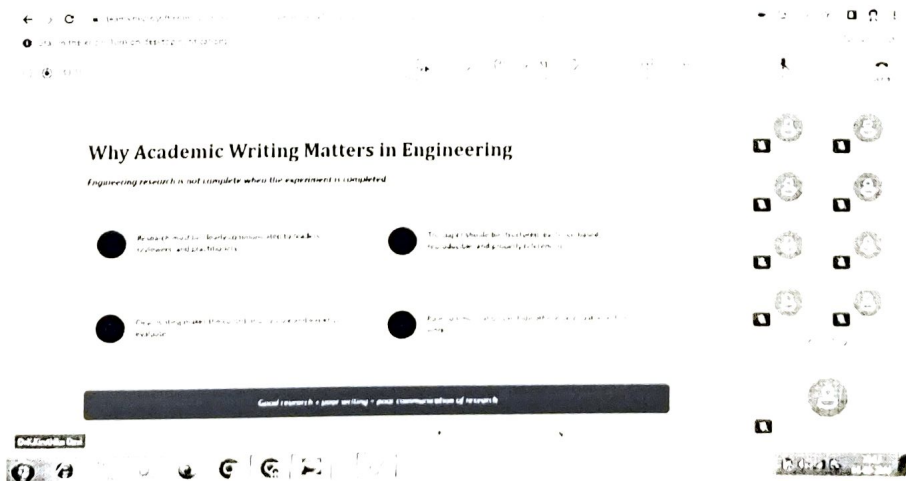


Academic Writing as a Way of Thinking

Writing makes the researcher's thinking visible

Question → Evidence → Reasoning → Argument → Conclusion

Academic Paper Writing Process: Question, Evidence, Reasoning, Argument, Conclusion



Why Academic Writing Matters in Engineering

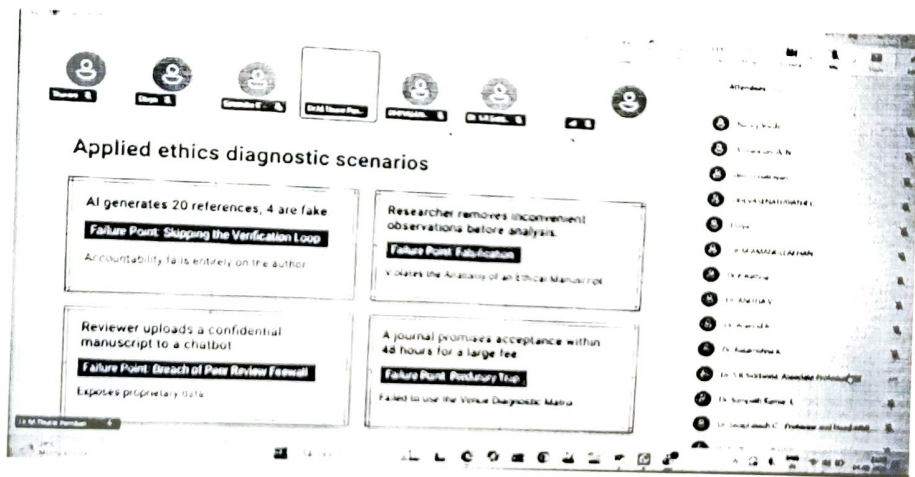
Engineering research is not complete when the experiment is completed

- Research must be carefully documented to track its progress and findings.
- The research should be transparent and reproducible, allowing others to verify results.
- Engineering research often involves complex data and analysis, which must be clearly communicated.
- Academic writing helps in the dissemination of knowledge and the advancement of the field.

Good research + good writing = good communication of research

Department of Artificial Intelligence and Machine Learning

Glimpse of the Event – Day 5



Department of Artificial Intelligence and Machine Learning

Chief Patron



Dr. Sai Prakash LeoMuthu

Patrons



Dr. R. Arunkumar



Dr. B. Shadaksharappa

Session Details

Day 1

Date : 31.08.2026 | Time : 10:00AM-12:00PM



Dr. Sarvesh Tanwar

Professor, Amity University, Gurukulam, Gurukulam
Dehradun, Uttarakhand, India

Day 2

Date : 01.09.2026 | Time : 10:00AM - 12:00PM



Dr. Siddhi Nair Ravi

Dr. Siddhi Nair Ravi, Assistant Professor, VIT-AP
Vellore, Tamil Nadu, India

Day 3

Date : 02.09.2026 | Time : 10:00AM - 12:00PM



Dr. Rupakshi Arora

Dr. Rupakshi Arora, Assistant Professor, VIT-AP
Vellore, Tamil Nadu, India

Day 4

Date : 03.09.2026 | Time : 10:00AM - 12:00PM



Dr. K. Anitha Devi

Assistant Professor, Computer Science and Engineering
Sri Venkateswara College of Engineering, Sripurambudi

Day 5

Date : 04.09.2026 | Time : 10:00AM - 12:00PM



Dr. M. Prasad Pandey

Assistant Professor, Computer Science and Engineering
SVKM's University, Varanasi

Department of Artificial Intelligence & Machine Learning

Organizing

5 Days Online Faculty Development Programme on

ADVANCING RESEARCH IN THE AI ERA:

MODERN METHODOLOGIES, ACADEMIC WRITING AND SCHOLARLY PUBLISHING

31.08.2026 to 04.09.2026

SAI RAM COLLEGE OF ENGINEERING

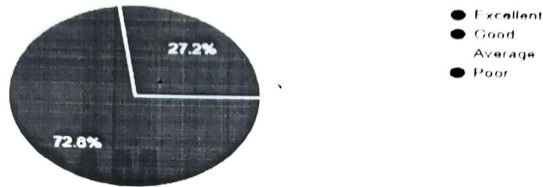
Accredited by NBA & NAAC | An ISO 9001:2015 Certified Institution
Approved by AICTE, New Delhi & Affiliated to Visvesvaraya Technological University, Bengaluru
Sai Leo Nagar, Anekal, Bengaluru - 562 106. Tel : +91-7377720032 www.sairamce.edu.in



Department of Artificial Intelligence and Machine Learning

Day 1

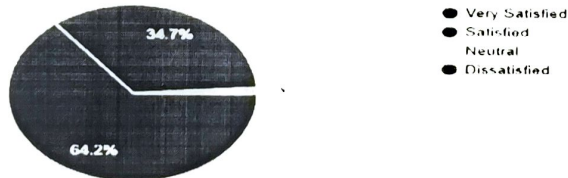
How relevant was the content to your academic/professional work?
173 responses



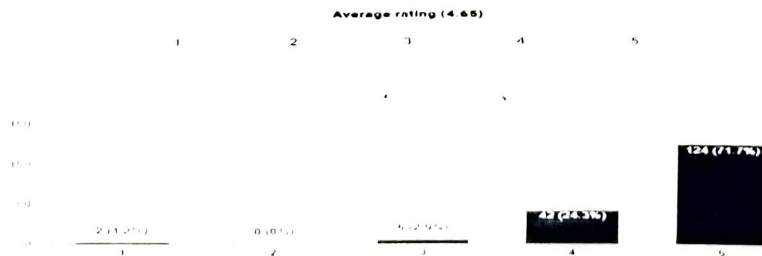
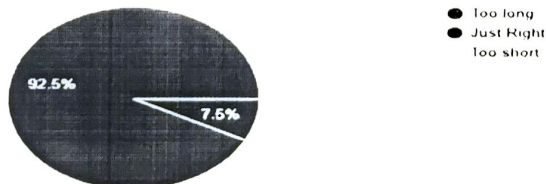
How effective was the resource person in delivering the content?
173 responses



How satisfied are you with the learning outcomes from the session?
173 responses



Was the session duration appropriate?
173 responses

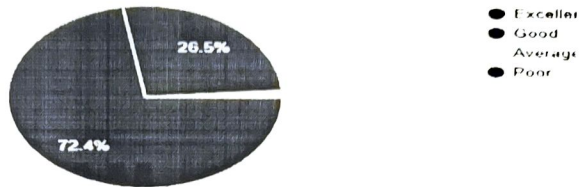


Department of Artificial Intelligence and Machine Learning

Day 2

How relevant was the content to your academic/professional work?

170 responses



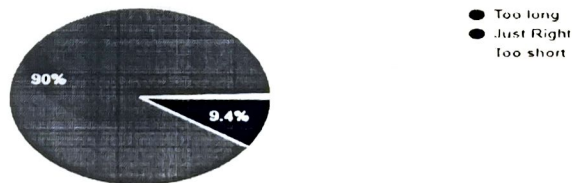
How effective was the resource person in delivering the content?

170 responses



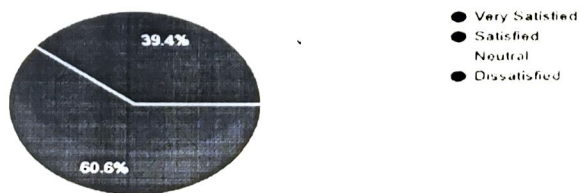
Was the session duration appropriate?

170 responses



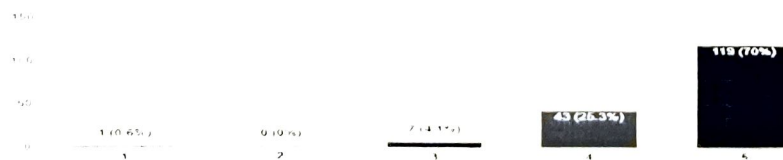
How satisfied are you with the learning outcomes from the session?

170 responses



Average rating (4.64)

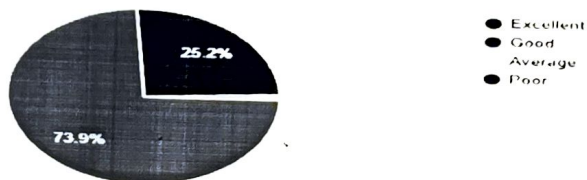
1 2 3 4 5



Department of Artificial Intelligence and Machine Learning

Day 3

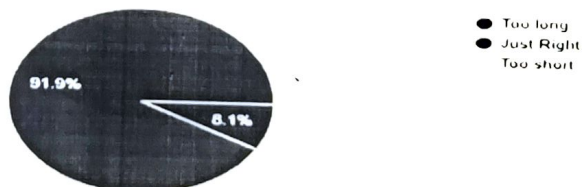
How relevant was the content to your academic/professional work?
111 responses



How effective was the resource person in delivering the content?
111 responses



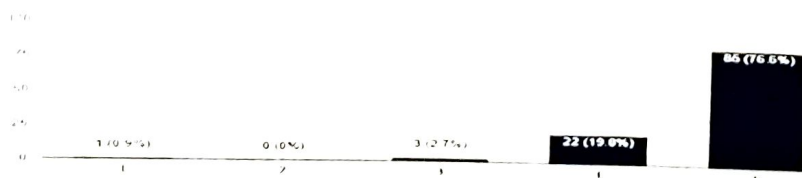
Was the session duration appropriate?
111 responses



How satisfied are you with the learning outcomes from the session?
111 responses



Average rating (4.71)

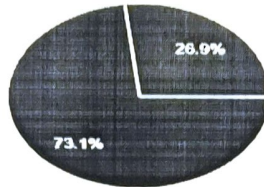


Department of Artificial Intelligence and Machine Learning

Day 4

How relevant was the content to your academic/professional work?

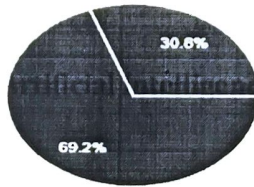
104 responses



● Excellent
● Good
● Average
● Poor

How effective was the resource person in delivering the content?

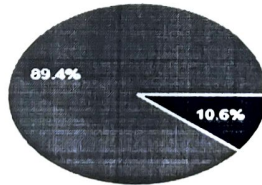
104 responses



● Very Effective
● Effective
● Neutral
● Not Effective

Was the session duration appropriate?

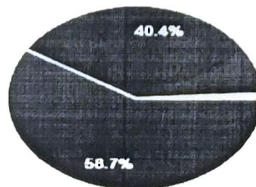
104 responses



● Too long
● Just Right
● Too short

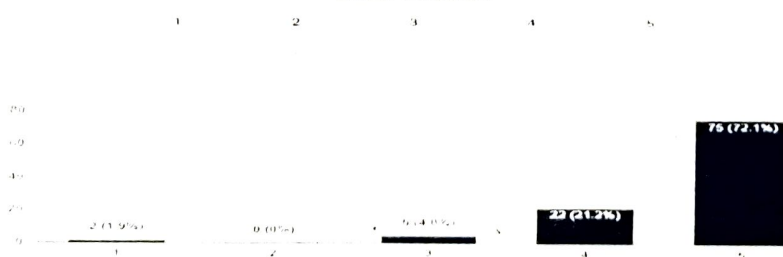
How satisfied are you with the learning outcomes from the session?

104 responses



● Very Satisfied
● Satisfied
● Neutral
● Dissatisfied

Average rating (4.62)



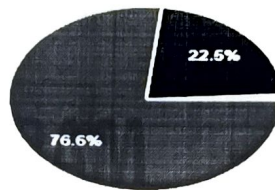


Department of Artificial Intelligence and Machine Learning

Day 5

How relevant was the content to your academic/professional work?

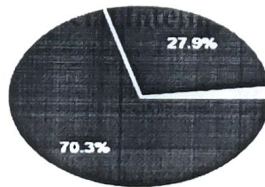
111 responses



● Excellent
● Good
● Average
● Poor

How effective was the resource person in delivering the content?

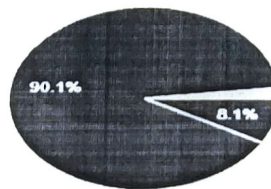
111 responses



● Very Effective
● Effective
● Neutral
● Not Effective

Was the session duration appropriate?

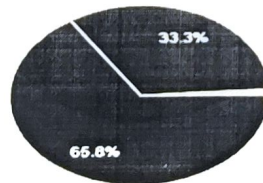
111 responses



● Too long
● Just Right
● Too short

How satisfied are you with the learning outcomes from the session?

111 responses



● Very Satisfied
● Satisfied
● Neutral
● Dissatisfied

Average rating (4.76)

