

Knowledge sharing session
Report on “AI Tools for Research Excellence”

Date: 26.10.2024

About the Session:

S.N o.	Name of the Resource Person	Topic	Date & Time	Venue	No of Participants
1.	Dr.K.Sowmiya Rani, Ph.D, Founder,Editor & Reviewer, Cactus Communications	AI Tools for Research Excellence	26.10.2024 09.30am to 04.30pm	Cloud Computing Lab-A518	30

Objectives:

- Understand the Role of AI in Modern Research.
- Evaluate AI Tools for Literature Review and Knowledge Synthesis.
- Develop Proficiency in Popular AI Tools for Research.

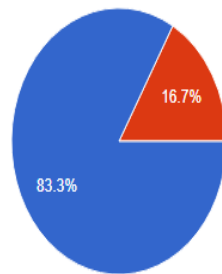
Topics Covered:

- Overview of Artificial Intelligence in Research.
- Elucidate the concepts of prompt engineering, its importance in improving the performance, and the techniques used to create high-quality prompts.
- Discussed the tools used for research, few of them are listed here.
 - Describe the Litmaps tool – designed to manage, organize and visualize the literature survey.
 - Inciteful – Used to list top authors based on the citations.
 - Listening.io – Build to read journal paper
 - Decktopus, Pressy - Making Presentations
 - Quillbot, Paperpal, Trinko - writing and paraphrasing tool
 - EndNote - reference management software
 - PaperWizard – Professional writing tool.

Feedback:

How do you rate quality of the speaker?

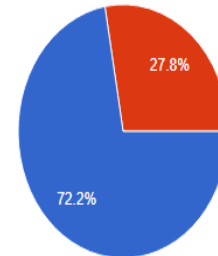
18 responses



● Excellent
● Good
● Average
● Satisfactory

How do you rate effectiveness of the session?

18 responses



● Excellent
● Good
● Average
● Satisfactory

Q & A Session/Interaction:

- Discussed difference between Gen AI and Human AI.
- Discuss the process and criteria for publishing in peer-reviewed journals.
- Analyze gaps in the current literature that your research will address.

Outcomes:

- Enhanced Research Efficiency.
- Improved Quality of Research.
- Innovation in Research Methodologies.
- Increased Publication Success.
- Promoting Open Science and Transparency

Poster of the event:



MOET **DR. MAHALINGAM**
COLLEGE OF ENGINEERING AND TECHNOLOGY
Udumalai Road, Pollachi, Coimbatore District 642003

Estd. 1998 | AICTE Approved | Affiliated to Anna University
An Autonomous Institution

NAAC A++ GRADE
Cycle 3 (2023-2030)
The Highest Grade

Department of Information Technology
&
Office of Dean Research & Innovation



RESEARCH INTEREST GROUP
“Artificial Intelligence and Machine Learning”

Knowlegde Sharing Session



Dr.K.S.Sowmiya Rani,PhD
Founder,Editor & Reviewer
Cactus Communications

“AI Tools for Research Excellence”
26/10/2024 @ 9.30 AM
Venue: A518 Cloud Computing Lab

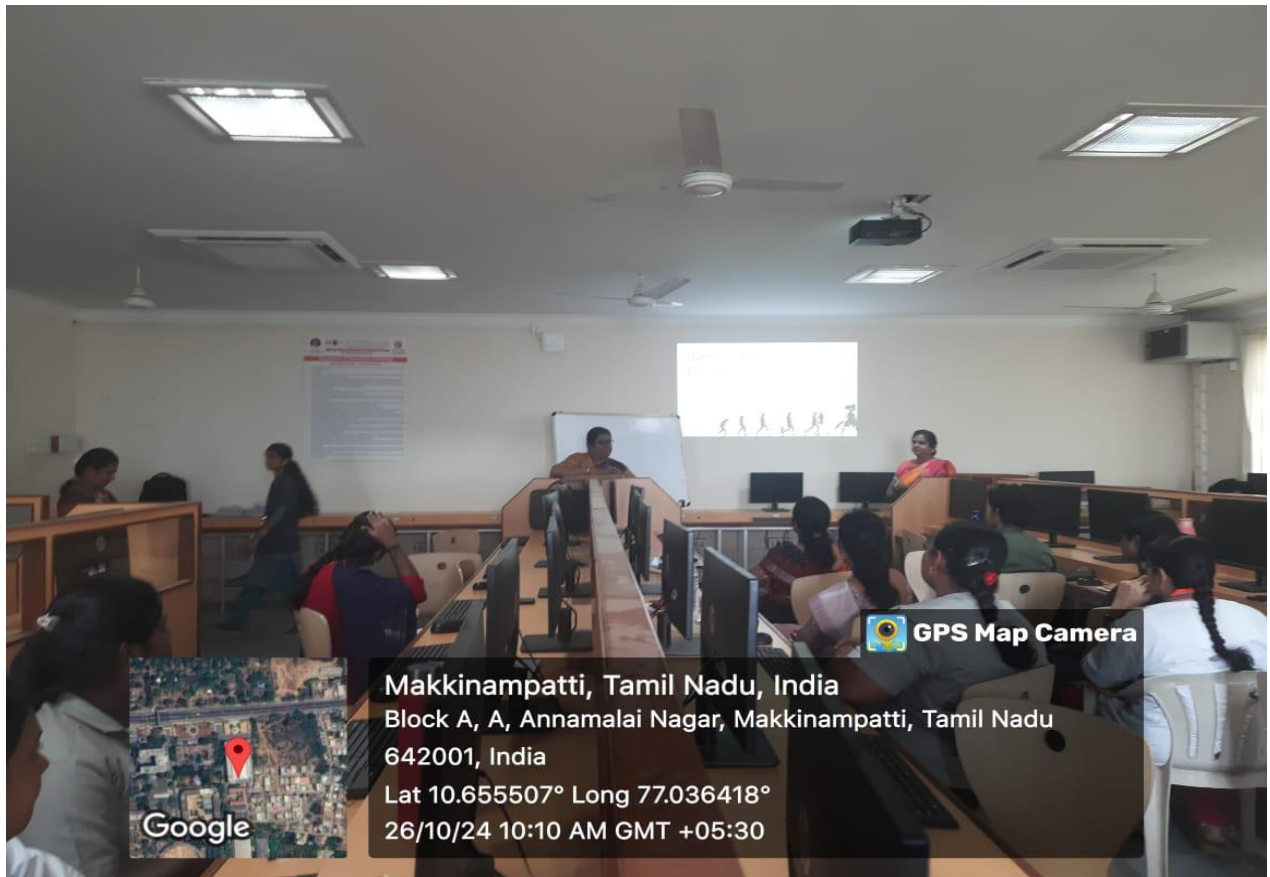
Organizer(s): 1. Dr.S.Ponni@Sathya, ASP 2. Mrs.G.Saranya, AP

All are cordially Invited !!!

Collaborate, Innovate, Elevate: Research Excellence...



Photos taken during the Session:



S. Prunkaveey

Dean R&I

Princip.

Principal

**--Sd--
Secretary**