KPR Institute of Engineering and Technology

Learn Beyond

(Autonomous, NAAC "A")

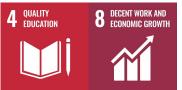Avinashi Road, Arasur, Coimbatore.

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ME001

NBA Accredited
(CSE, ECE, EEE, MECH, CIVIL)

TWO-DAYS WORKSHOP ON AI TOOLS IN SCIENTIFIC WRITING

Event No	ME001
Organizing Department	Mechanical Engineering
**Associate Dept.	NSC**	Indian Welding Society
Date	02/02/2024 to 03/02/2024 (2 Days)
Time	08:30 AM to 04:30 PM
Event Type	Workshop
Event Level	Dept. Level
Venue	HPC Lab
Total Participants	64
Industry Personnel	1
Faculty - Internal	6
Faculty - External	55
Students - Internal	2

Related SDG

Resource Persons

SI	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Dr KS Sowmia Rani	Founder	Cactus communication	sowmis.aww@gamil.com	xxxxxxxxxx

Involved Staffs

SI	Name	Role
1	Arulmurugan B	Coordinator
2	Gokulkumar S	Co-convenor

Outcome

Efficient Literature ReviewAdvanced Data AnalysisEnhanced Writing AssistanceAutomated Citation and ReferencingPlagiarism Detection

Event Summary

The workshop on AI tools in research writing, led by Dr. K.S. Sowmia Rani from Cactus Communication Mumbai, showcased the transformative impact of artificial intelligence on scholarly writing. On Day 1, attendees gained valuable insights into the practical applications of AI tools across various research stages, from literature review to manuscript preparation.The event began with a demonstration of AI-powered literature review tools, illustrating their efficiency in identifying relevant literature, extracting key insights, and guiding research directions. Participants were impressed by the speed and accuracy with which these tools navigated vast scholarly databases.Dr. S. Gokulkumar from KPRIET addressed the role of AI-driven writing assistants in improving the clarity, coherence, and grammatical accuracy of research manuscripts. Participants appreciated the real-time feedback and suggestions provided by these tools, aiding in refining their writing style. Additionally, Dr. L. Rajesh Kumar from Asp?MECH, KPRIET discussed research metrics, emphasizing the importance of accuracy and consistency in academic writing. The session on automated citation and referencing tools highlighted the significance of maintaining research integrity, with a demonstration of plagiarism detection software. The final session, conducted by Dr. D. Balaji, focused on integrating patent databases for research writing.

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