

A Report on Seminar on
“Research Ethics in the AI Era: Prevention of Article Retractions”
Organized by Research and Development Cell
on 23.09.2026



Report Submitted by: Dr. P. Sivaiah, Associate Dean – Research & Development

Resource Person Details: Dr. Katta Venkataramana, Retired Professor (HAG), Department of Civil Engineering, NITK Surathkal

Venue: MITS Campus, Madanapalle

Mode of Conduct: Offline

Participants: Faculty members and research scholars of MITS

Report Received on 22.09.2026.

The Research and Development Cell, MITS (Deemed to be University), organized a seminar on “Research Ethics in the AI Era: Prevention of Article Retractions” on 23 September 2026. The programme aimed to strengthen awareness of research integrity, responsible use of artificial intelligence (AI), and ethical practices in scholarly publishing.

Objectives:

1. To explain research integrity risks, including those associated with the misuse of AI tools.
2. To promote ethical paraphrasing, citation, and authorship practices.
3. To help researchers understand the causes of article retractions and ways to prevent them. To help researchers understand the causes of article retractions and ways to prevent them.

Session Highlights:

Dr. Venkataramana explained that research integrity extends beyond avoiding fabrication, falsification, and plagiarism. He discussed the misuse of AI tools and emphasized that plagiarism can take several forms beyond direct copying. He guided participants on ethical paraphrasing, sound citation habits, responsible authorship, and the appropriate use of AI in academic work. Using the manuscript life cycle, he identified stages at which researchers must make careful integrity decisions.

The resource person discussed common reasons for article retractions and explained the Committee on Publication Ethics (COPE) Retraction Guidelines. He described retraction as a mechanism for correcting the scholarly record and advised researchers to preserve original data, research records, and supporting evidence so they can respond to future queries or investigations. Case studies of retraction notices from the medical and engineering fields illustrated the consequences of ethical lapses. He also presented a study of 619 papers retracted between 1990 and 2021, reporting that 27% involved plagiarism-related concerns. The session concluded with a pre-submission integrity checklist for researchers to use before submitting a manuscript.



Outcome of the Programme:

Faculty members and research scholars actively interacted with Dr. Venkataramana and clarified their doubts about research ethics, AI use, publication practices, and article retractions. The seminar strengthened participants' understanding of practical steps for maintaining integrity throughout the research and publication process.

Conclusion:

The seminar reinforced the importance of accurate citations, responsible authorship, appropriate AI use, and careful preservation of research evidence. It encouraged participants to check their work thoroughly before submission and to uphold ethical standards in scholarly publishing.