



DEPARTMENT OF MCA

Report Submission: 20/07/2026

Semester: IV	Academic Year: 2025–26	Venue: Room No. 203, AIGS Block II
Event Date: 10/07/2026	Time: 02:00 PM to 04:00 PM	Duration: 02:00 Hrs

TYPE OF EVENT: WORKSHOP

EVENT NAME: RESEARCH PAPER WRITING AND MANUSCRIPT DEVELOPMENT

Target Audience: 4 th Semester MCA Students	Number of Participants: 73 Students	Event Coordinator: Dr. Balamurugan M
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Objectives:

1. To introduce IV Semester MCA students to the core methodologies of academic research and structured manuscript writing.
2. To familiarize participants with modern AI tools for literature reviews, reference management, and anti-plagiarism compliance.
3. To provide hands-on insights into effectively drafting methodology and result sections for high-impact journal publications.

Program Introduction:

The Department of MCA at Acharya Institute of Graduate Studies organized a comprehensive workshop tailored for IV Semester students to bridge the gap between academic learning and scholarly research. The program was meticulously designed to equip budding researchers with essential technical writing capabilities and ethical publication standards. By addressing the foundational challenges faced during research documentation, the session served as a catalyst for academic excellence.

Theme of the Event:

The theme, "From Data to Discovery: Writing your first research article," serves as a strategic roadmap for translating raw empirical findings into structured scientific knowledge. It emphasises the critical journey of transforming laboratory data and algorithmic outputs into compelling academic narratives.



Resource Person:

Dr. K. Thenmozhi, Assistant Professor, School of Computer Science and Engineering, RV University, Bangalore.

Detailed Report:

The workshop commenced exactly at 2:00 PM on 10th July 2026 at Venue A1032F043, located in AIGS Block II. The formal session began with a welcome address delivered by Manoj R, II SEM MCA, who highlighted the critical role that research publications play in shaping students' academic and corporate careers. The Head of the Department of MCA emphasized the institution's commitment to providing students with practical exposure to research tools. Following the opening remarks, Rachana, II MCA, formally introduced the esteemed resource person, Dr. K. Thenmozhi, Assistant Professor from the School of Computer Science and Engineering at RV University, Bangalore. Dr. Thenmozhi was honoured by Prof. Rajesh Rao K, HoD of MCA, as a token of appreciation from Acharya Institute of Graduate Studies before taking over the podium.

The core technical talk commenced at 2:15 PM with an overview of academic writing fundamentals. Dr. K. Thenmozhi initiated the first phase by breaking down the mechanics of a comprehensive literature review. She demonstrated how modern AI tools can significantly streamline the literature review process, helping students filter through hundreds of research repositories to identify valid research gaps quickly. She demonstrated how conventional search methods can be optimized using modern AI tools like Semantic Scholar, Elicit, and Connected Papers. She showcased how these AI-driven tools assist researchers in mapping citation networks, identifying research gaps, and extracting key findings from hundreds of papers within minutes. However, she firmly cautioned the students to verify AI-extracted summaries against the original texts to prevent factual errors.

Moving forward, the resource person explained how to write a robust methodology section. She emphasized that a well-written methodology should serve as a clear blueprint, allowing any external researcher to replicate the experimental setup precisely. She provided students with frameworks for structuring algorithmic steps, drawing comprehensive system architectures, and clearly explaining mathematical models or datasets used in computer science projects. The third phase of the talk centred on presenting empirical data. Dr. Thenmozhi detailed how to construct high-quality, impactful result sections using comparative tables, precision-recall graphs, and performance metrics. She highlighted the common mistake students make: merely describing what is visible in a chart rather than diving deep into a critical analysis of why those specific results occurred.



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The fourth phase of the talk addressed the nuances of Reference management. To streamline the tedious process of referencing, the speaker gave a live demonstration of reference management software like Mendeley and Zotero. She showed students how to import citations directly from web browsers, organize research folders, and seamlessly generate in-text citations and bibliographies in standardized formats like IEEE, APA, and Springer.

Furthermore, she addressed the modern challenges of AI writing, demonstrating how AI content-handling detectors work and instructing students on how to paraphrase text legitimately while ensuring their original voice remains prominent. The technical session concluded at 4:15 PM after an extensive Q&A session where students cleared doubts regarding their academic projects.

Photos:



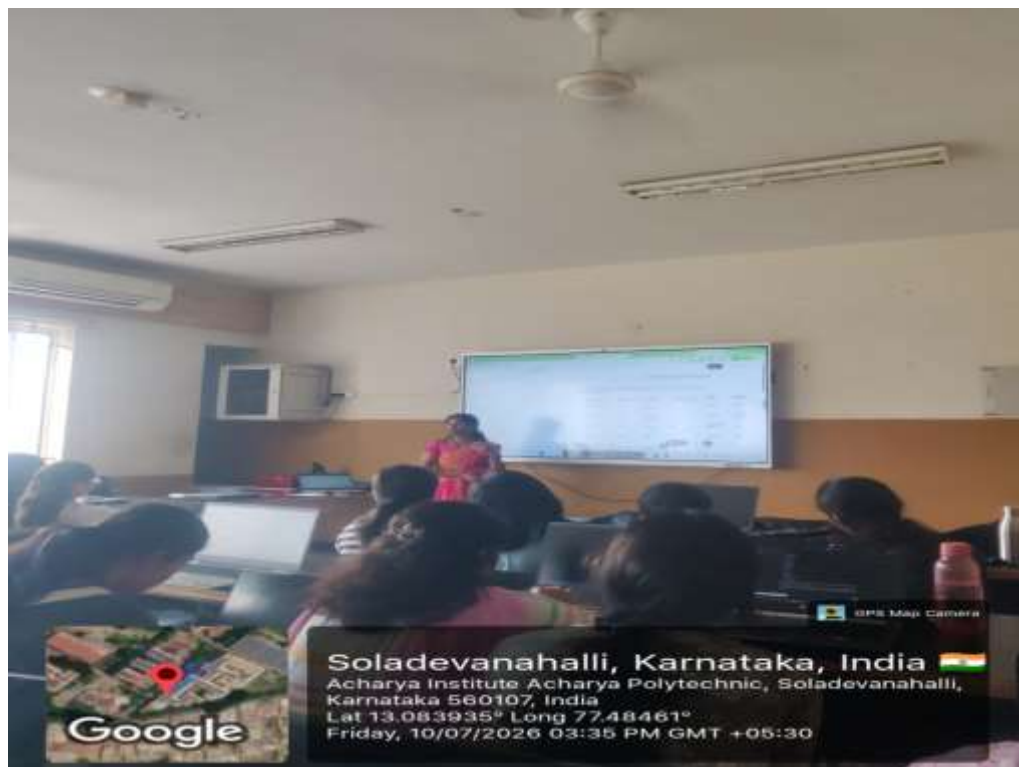
Welcome Address by Manoj R, II Sem MCA



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Introduction about the resource person by Rachana, II Sem MCA



Session led by Dr. K. Thenmozhi



Hands-on Training Session



Dr. K. Thenmozhi honoured by Prof. Rajeh Rao K, HoD of MCA



Outcomes:

- Participants successfully learned to utilize modern AI tools to accelerate and optimize their literature review workflows.
- Students gained a clear, actionable understanding of structuring methodology and result sections according to global indexing standards.
- Students acquired practical knowledge on maintaining research integrity using reference managers and anti-plagiarism verification software.

Conclusion:

The workshop concluded on a highly successful note, leaving the IV Semester MCA students well-equipped to undertake their academic project documentation. The session successfully demystified the complexities of manuscript creation, blending classical research rigor with modern technological aids. The session delivered by the resource person was incredibly practical, clear, and highly relevant to our current curriculum. In the final part of her talk, she addressed the critical aspect of academic integrity. She educated the participants on institutional limits regarding similarity indexes and demonstrated how software like Turnitin operates.

Feedback Summary:

The workshop on "Research Paper Writing and Manuscript Development" was an overwhelming success. It successfully demystified the complexities associated with academic publishing for the IV Semester MCA students. By blending traditional writing values with modern AI tools, the event gave students the confidence to begin writing their own research manuscripts ethically and efficiently.

Out of the 73 participating IV Semester students, the feedback was overwhelmingly positive, with 54 students rating the overall workshop experience as excellent. An additional 16 students evaluated the sessions as good, appreciating the practical relevance of the topics, while only 3 students rated it as average. This highly favourable response highlights the workshop's success in delivering clear, actionable, and engaging academic value to the vast majority of the cohort.



Workshop on Research Paper Writing and Manuscript Development

