



St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



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REPORT

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Details of Activity:

Name of the Activity	3 rd Anveshnam 2026 One Week National Level Workshop On Research Writing With Advanced Techniques & Inter-Collegiate Paper Presentation Competition		
Date & Time	23 rd February to 27 th February 2026	Department / Committee	ASH
Venue	Auditorium, 3 rd Floor	No. of Participants	137 Offline +83 Online =220
Nature of Activity	National Level Workshop	Mode of Activity	Hybrid(Online & Offline)
Name of Activity In-charge	Mrs. Subhasini Shukla & Mrs.Uttara Dalvi	Name of Activity Coordinator	Mrs. Subhasini Shukla & Mrs.Uttara Dalvi
Name and Affiliation of Resource person	Dr.BhushanKumar Nemade ,Associate Professor ,HOD , Shree L.R.Tiwari College of Engineering ,Miraroad,Thane -401105		

Activity Information:

Objectives	<ol style="list-style-type: none"> 1.To introduce participants to the fundamentals of research writing and academic communication and develop basic skills in identifying research problems and formulating simple research ideas relevant to engineering disciplines. 2. To familiarize students with the structure and components of a research paper, including abstract, introduction, methodology, results, and conclusion. 3. To enhance students' technical writing skills using clear, concise, and systematic approaches. 4. To create awareness about plagiarism, research ethics, and proper citation practices. To improve participant ability to effectively communicate and present their papers in Anveshnam Paper Presentation Competition
Target Audience	UG/PG Students, Research Scholars, Faculty members from various departments and colleges.
Methodology	<p>❖ Day 1: Introduction and Expert Sessions by Dr.BhushanKumar Nemade</p> <p>The first day of the workshop featured expert sessions on various aspects of research paper writing. The sessions covered:</p> <ul style="list-style-type: none"> • Introduction to Research Paper Writing – Fundamental aspects of research writing were introduced. • Understanding Research Paper Structure – Emphasis on organization and key components of a research paper.



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- Conducting Literature Review – Methodologies for effectively reviewing existing literature were discussed.
- Research Writing with Advanced Techniques and AI tools– Advanced methods to enhance research writing quality were explained.
- Information about Plagiarism and Research Ethics – Ethical writing practices and ways to avoid plagiarism were highlighted.
- Poster Making Presentation were carried out under the guidance of **Dr.Eknath Patil**.

The day concluded with a Vote of Thanks, acknowledging the efforts of the speaker, organizers, and participants.

❖ Day 2: Article Discussion

The second day focused on a hands-on article discussion, conducted by **Mrs. Subhasini Shukla & Mrs.Uttara Dalvi, Mr.Pankaj Patil, Mr.Suresh Renge**. Participants engaged in critical analysis and discussion of selected research articles, gaining practical insight into research evaluation.

❖ Day 3: Article Discussion

On the third day, the article discussion was led by **Mr.Avinash Chavan, Ms.Reshma Chavan, online mode Dr.Bhushankumar Nemade** The session encouraged students to actively participate, understand different writing styles, and identify the key elements of high-quality research papers.

❖ Day 4: Article Discussion

The article discussion continued on the fourth day, once again facilitated featured a paper writing session where students worked on drafting their own papers under the guidance of their assigned FE mentor. This practical session aimed to strengthen their writing skills and boost confidence in preparing academic papers

❖ Day 5: Paper Presentation Competition

The final day commenced with a brief **Inauguration Ceremony**, followed by the **Paper Presentation Competition**. Students presented their research work covering topics such as:

- AI/ML-based Disease Prediction Systems
- Hybrid Deep Learning Models
- IoT + Cloud Smart Monitoring Systems
- Blockchain-based Secure Data Sharing
- Federated Learning for Privacy-Preserving IoT Applications
- Fuzzy Logic / Soft Computing for Decision Support Systems
- Intrusion Detection in IoT Networks
- Edge Computing for Real-Time AI Applications
- Ad-hoc & Wireless Network Routing Optimization
- Environmental Management and Renewable Energy System
- Statistics & Mathematics



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	<p>A total of 27 papers were presented in both online and offline modes, showcasing the students' research efforts and creativity.</p>
Outcomes	<ul style="list-style-type: none"> • Total Participants 137 (137 Offline + 83 Online Other State like Tamil Nadu, Gujarat, Kerala, Rajasthan(E-certificate) etc.) • Understanding of the complete research paper writing process. • Practical skills in literature review, structuring, and formatting papers. • Awareness of plagiarism and ethical research practices. • Hands-on experience through article discussions and paper drafting. • Improved presentation skills through paper presentation competition. • Enhanced confidence to write and present quality research papers. • All paper will be published with our publishing partner ,MATJournal https://www.matjournals.com/

SWOT Analysis of the Event:

Strength	Weakness	Opportunity	Threats
<ul style="list-style-type: none"> • Comprehensive coverage of research paper writing process. • Expert guidance from experienced faculty. • Combination of theory (sessions) and practice (article discussions & paper writing). 	<ul style="list-style-type: none"> • Limited time for in-depth mentoring on individual papers. • Variable research exposure among participants (some may struggle more than others). • Reliance on participants' self-motivation to apply the skills after the workshop. 	<ul style="list-style-type: none"> • Can lead to future research collaborations between students and mentors. • Participants can submit improved papers to journals, conferences, or college-level publications. • Builds a research culture within the institution. • Can be scaled into a certificate course or regular research club activity. 	<ul style="list-style-type: none"> • Participants might lose momentum if follow-up support isn't provided. • Interest may reduce if the content is too advanced for beginners or too basic for advanced learners. • Availability of external online resources and free courses could reduce attendance for future workshops if the value is not clearly established.



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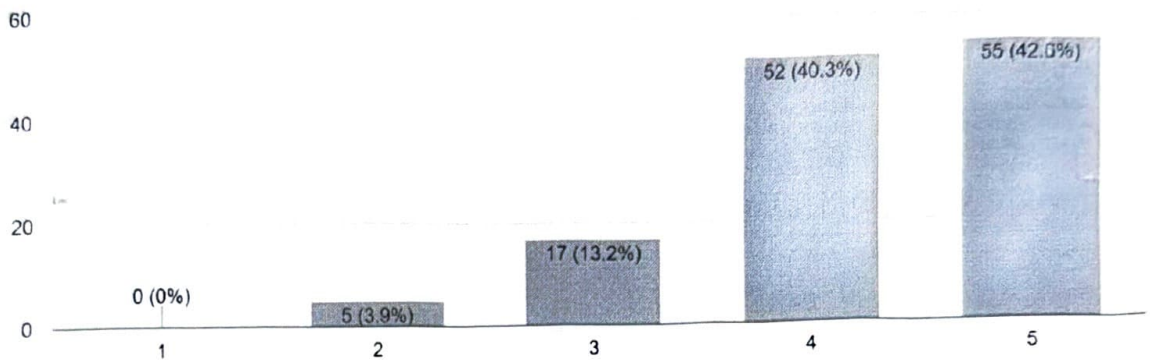


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Feedback Analysis

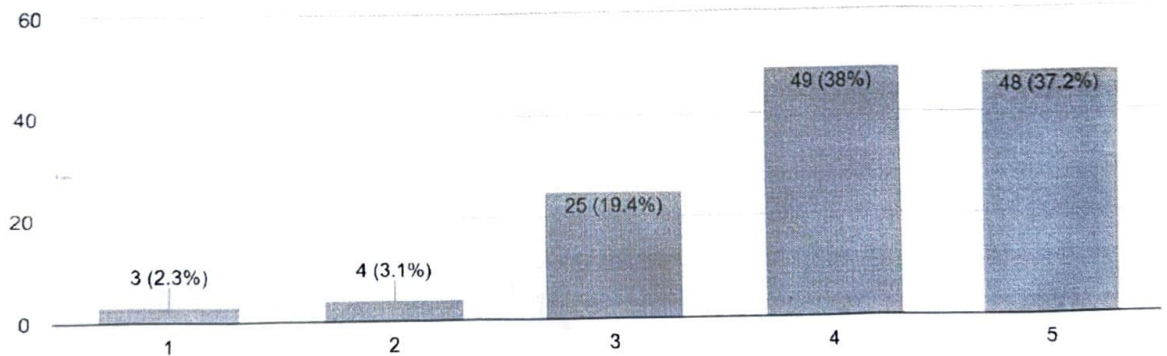
1. How would you rate the overall content of the workshop?

129 responses



2. How effective were the sessions in enhancing your understanding Research Methodology?

129 responses





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Geo-Tagged Photo




SJCEM
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3rd Anveshnam 2026

One Week National Level Research Conclave organized by ASH Dept.(F.Tech)




23rd February -27th February 2026



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Co-Po Mapping

Activity / Event	Course Outcome (CO)	Program Outcome (PO)	Discussion
Day 1: Expert Session on Research Paper Writing by Dr. Bhushankumar Nemade Sir	CO1: Understand the fundamentals of research writing and identify research problems in engineering domains.	PO1 – Engineering Knowledge, PO12 – Life-long Learning	The session introduced participants to the fundamentals of research writing and helped them identify research problems using their engineering knowledge. It also encouraged continuous learning and research orientation among students and faculty.
Session on Research Paper Structure (Abstract, Introduction, Methodology, Results, Conclusion)	CO2: Explain the structure and components of a research paper.	PO10 – Communication	Participants learned how to organize technical content effectively, improving their ability to communicate research ideas in a clear and structured academic format.
Literature Review Techniques & AI Tools for Research Writing	CO3: Develop skills for reviewing research literature	PO4 – Investigation of Complex Problems, PO5 – Modern Tool Usage	The session enhanced participants' ability to analyze existing research work and use modern digital and AI-based tools



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Activity / Event	Course Outcome (CO)	Program Outcome (PO)	Discussion
	and using modern tools in research.		to improve the quality and efficiency of research writing.
Session on Plagiarism Awareness and Research Ethics	CO4: Understand plagiarism issues and apply ethical research practices.	PO8 – Ethics	The discussion emphasized ethical responsibilities in research, proper citation methods, and avoiding plagiarism while producing academic work.
Poster Making Activity under guidance of Dr. Eknath Patil	CO5: Develop the ability to visually present research ideas.	PO3 Design/Development of Solutions, PO10 Communication	Participants learned to present research ideas creatively through poster design, improving their visual communication and ability to present technical concepts effectively.
Day 2–4: Article Discussion and Critical Analysis Sessions	CO6: Analyze and evaluate research articles to understand methodology and findings.	PO4 – Investigation of Complex Problems	Through guided discussions of research articles, participants developed analytical thinking skills and learned to critically evaluate different research methodologies and results.
Paper Drafting Session under Mentor Guidance	CO7: Apply research writing techniques to prepare a draft research paper.	PO2 – Problem Analysis, PO10 – Communication	Participants applied research writing techniques to structure their own research papers, improving their ability to analyze problems and communicate solutions through academic writing.
Day 5: Inter-Collegiate Paper Presentation Competition	CO8: Present research work effectively before an academic audience.	PO9 – Individual and Team Work, PO10 – Communication	Students presented their research papers in both online and offline modes, enhancing their confidence, teamwork, and oral communication.



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Proofs & Documents Attached (Tick mark the proofs attached):

√	Notice / Brochure	√	Feedback Form
√	Attendance list	√	Feedback Analysis
√	Photos	√	Media News Details
√	Certificate		Any Other

	
Mrs. Subhasini S & Mrs. Uttara Dalvi	Mrs. Dipti Lopes
Co-ordinator	HOD

Date of Activity: 23rd February to 27th February 2026

Date of Report Submission: 13th March 2026

Reason for delay if any:



Approved By

Dr. Kamal Shah

Principal

Date: 13.3.2026