



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)**

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Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada
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DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

A Staff Colloquium Document

Date: 22-07-2026

The staff colloquium interaction was held on 22-07-2026 in CI-LAB at 12:10 to 1:00 PM.

The following points were discussed:

Presenter: [Dr. Ch Malathi]

Dr. Ch Malathi has given seminar on “**literature review on research excellence**”

Colloquium Objective: To conduct a comprehensive literature review on the key drivers, metrics, and global standards of **Research Excellence**, providing faculty and staff with insights into best practices for high-impact publishing, interdisciplinary innovation, ethical research, and strategic grant acquisition.

Discussion Points:

• **Literature Review on Research Excellence & AI Integration:**

- Review of current academic literature on driving research productivity and quality using Generative AI.
- Leveraging modern tools for accelerated literature mapping, hypothesis generation, and automated document synthesis.
- Addressing publication ethics, avoiding research misconduct, and adapting to the evolving landscape of academic peer review.

• **Data-Driven Research Methodologies & Digital Transformation:**

- Utilizing advanced data analytics, high-performance computing, and cloud infrastructure for experimental validation.
- Strategies for institutional digital literacy to streamline research workflows, cross-departmental collaboration, and grant proposal quality.

• **Cybersecurity, Ethics, and Data Integrity in Research:**

- Protecting sensitive research datasets, intellectual property, and institutional credentials from phishing and cyber threats.
- Implementing risk mitigation frameworks aligned with international data privacy standards (e.g., GDPR principles).
- Establishing transparent institutional AI policies for ethical research output validation.

The session concluded with an interactive Q&A session led by Dr. Ch. Malathi, followed by a Vote of Thanks.

Key Takeaways for Staff:

- **Research & AI Literacy:** Faculty and researchers must critically assess AI-generated research outputs and leverage Generative AI tools to augment scientific inquiry without compromising academic integrity.
- **Empirical Focus:** Leveraging data analytics is crucial for setting measurable research milestones, high-impact publications, and winning competitive grants.
- **Security & Compliance:** Institutional research compliance requires strict adherence to ethical standards, proper citation mechanisms, and secure handling of confidential research data

Finally, session ended with queries and answers by Dr. Ch.Malathi and vote of Thanks

The following members are present:

S.No	Name of the Faculty	Designation
1	Dr. D. Ratna Kishore	Professor & HOD
2	Dr.S.Naganjaneyulu	Professor
3	Dr. B.Srinivasa Rao	Professor
4	Dr. K. Venu Gopal	Professor
5	Dr. K.Phaneendra	Associate Professor
6	Mr.G.Rajendra	Associate Professor
7	Dr. Bhanu Pratap reddy B	Associate Professor
8	Dr. CH. Malathi	Sr.Assistant Professor
9	Mrs. M. HemaLatha	Sr.Assistant Professor
10	Mr. K.Rajasekhar	Sr.Assistant Professor
11	Mr.V.V.Krishna Reddy	Sr.Assistant Professor
12	Mr. Ch. Sambasiva Rao	Sr.Assistant Professor
13	Mr.M.Rajesh Reddy	Sr.Assistant Professor
14	Mr.M.Vijay Kumar	Sr.Assistant Professor
15	Mr. Sarath Chandra	Sr.Assistant Professor
16	Mr.Ch.P.V.Srinivasa Rao	Sr.Assistant Professor
17	Mrs. D.Vijaya Sri	Sr.Assistant Professor
18	Mrs.J.Geetha Renuka	Assistant Professor
19	Mrs.R.Pavitra	Assistant Professor
20	Sk. Rehana Begum	Assistant Professor
21	Mr.B.Ravindra Chanti Babu	Assistant Professor
22	Mrs.Karuna Latha	Assistant Professor
23	Mrs.K.Lakshmi Devi	Assistant Professor

Coordinator

HOD-IT