



MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

(A Unit of Rajalaxmi Education Trust®, Mangalore)

Autonomous Institute affiliated to VTU, Belagavi, Approved by AICTE, New Delhi

Accredited by NAAC with A+ Grade & ISO 9001:2015 Certified Institution

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Report for the AY 2025-26

COMPOSITION OF THE INTERNAL QUALITY ASSURANCE CELL (IQAC) AY 2025-26

The composition of IQAC for the Academic Year 2025-26 is as follows:

Sl. No.	Name	Representation	Role
1	Dr Prashanth C M	Principal	Chairperson
2	Dr Vinayambika S Bhat	Dean Quality Assurance and HoD - Electronics & Communication Engineering	Convener
3	Mr Rajesh Chowta	President, Rajalaxmi Education Trust	Management Representative
4	Mr Shiva Prakash Rao	Local Society	External Member
5	Dr C R Rajashekar	Vice-Principal, Professor & HoD - Mechanical Engineering	Internal Members
6	Dr Mahesh M Vanjeri	Professor & HoD MBA	
7	Dr K G Madhwaraj	Professor & HoD - MCA	
8	Dr Ravinarayana B	Associate Professor & HoD - Computer Science & Engineering	
9	Dr Jyothi S	Professor & HoD - Mathematics	
10	Mr Narendra U P	Director Placements, Training & Industrial Relations	
11	Dr Shreekanth G Naik	Assistant Professor, Dept of Management Studies	
12	Mr Sunil Kumar	Sr. Assistant Professor & HoD -AIML	

Sl. No.	Name	Representation	Role
13	Mr Avinash N J	Assistant Professor, Dept of Electronics & Communication Engineering	Internal Members
14	Ms Mallika Shetty	Head of Accounts	
15	Mr Mohammed Azzan Patni	Director, PACE Wisdom Solutions Pvt. Ltd. Mangaluru. [2011 Graduate-Alumni]	Alumni Member
16	Mr Vidhith V Pai USN: 4MT23CS249	3 rd year, Dept. of Computer Science & Engineering	Student Member

PROCEEDINGS OF IQAC MEETING HELD ON 18/10/2025

A meeting of the Internal Quality Assurance Cell (IQAC) was held on 18.10.2025 at 2.30 pm in Board Room.

The agenda for the meeting is given below:

The detailed agenda for the meeting is given below.

1. Review of the outcomes observed for the previous meeting agenda.
2. Preparation of the Annual Quality Assurance Report (AQAR) AY 2024-25 as per the NAAC guidelines.
3. Review of structured feedback action plan and suggestions for shortcomings.
4. Action Plan on External Auditors Comments / Suggestions.
5. Preparedness of contents for the Final year Engineering Program syllabus under Autonomous scheme.
6. Key structural changes in the revised NBA SAR (Tier-I).
7. Any other matter with the permission of the chair.

Dr Vinayambika S Bhat, Dean of Quality Assurance and Convener - IQAC, welcomed the members of IQAC constituted for the Academic 2025-26.

The following members were present during the meeting:

Name	Representation	
Dr Prashanth C M	Principal	Chairperson
Dr Vinayambika S Bhat	Dean Quality Assurance, Professor & HoD - Electronics & Communication Engineering	Convener
Mr Rajesh Chowta	President, Rajalaxmi Education Trust, Mangalore	Management Representative
Mr Shiva Prakash Rao	Local Society	External Member
Dr K G Madhwaraj	Professor & HoD - MCA	Internal Members
Dr Mahesh M Vanjeri	Professor & HoD - Dept of Master of Business Administration	
Dr Ravinarayana B	Professor & HoD - Computer Science & Engineering	
Dr Jyothi S	Professor & HoD - Mathematics	
Mr Narendra U P	Director Placements, Training & Industrial Relations	
Mr Sunil Kumar S	Associate Professor, HoD - AIML	
Mr Avinash N J	Assistant Professor, Dept. of Electronics & Communication Engineering	
Mr Mohammed Patni Azzan	Director, PACE Wisdom Solutions Pvt. Ltd. Mangaluru. [2011 Graduate-Alumni]	Alumni Member
Mr Vidhith V Pai USN: 4MT23CS249	3rd Year Student, Dept of Computer Science & Engineering	Student Member

Following are the outcomes of the meeting:

Minutes of the IQAC Meeting

Dr. Vinayambika, Dean – IQAC, welcomed all members present and briefed them about the meeting agenda.

Agenda 1: Review of the outcomes observed for the previous meeting agendas

Dr. Vinayambika briefed the members about the IQAC Policy formulated during the academic years 2023–24 and 2024–25, which includes:

- i) Completion of NPTEL Certification (8 / 12 weeks)
- ii) Professional body membership
- iii) Student project outcomes in Journals / Conferences / Patents
- iv) Publication of Quality Papers in Quartile journals

1. Completion of NPTEL Certification (8 / 12 weeks)

The Dean presented statistics on the completion of NPTEL certifications by faculty, students, and staff for the year 2024–25. She emphasized the importance of NPTEL certification in enhancing technical skills and appreciated the management's support, which includes:

- Special Casual Leave (SCL) for faculty members
- SCL and financial benefits for staff members after successful completion of certification

The presented data showed a moderate improvement compared to the previous year (2023–24). The ECE and Mathematics departments achieved almost 100% completion, while other departments lagged behind and had not fully implemented IQAC policies.

The panel instructed departments to submit a list of faculty and staff who have not yet completed any certification. Such members should be educated and encouraged by their respective HoDs to complete at least one certification per year, as this metric is now part of the NBA Self-Assessment Report (SAR) and is considered in faculty appraisal.

Panel suggestions included:

- Faculty should take up technical courses aligned with subjects they teach to enhance domain knowledge.
- HoDs should motivate and support faculty and staff to complete NPTEL certifications.

To improve student certifications, departments should choose skill enhancement courses in specific domains. If such courses are unavailable on NPTEL, the department should conduct three-day workshops by industry experts to build student knowledge.

Mr. Azzan suggested implementing a flipped classroom system for experimental subjects, where faculty upload topic-related videos, and students come prepared to discuss and solve case studies in the next class. The Principal emphasized the importance of self-study, a criterion highlighted in NIRF.

Student representative Mr. Vidhit V. Pai shared his positive experience with activity-based learning, mentioning how it helped enhance his domain knowledge.

The panel concluded that for Skill Enhancement subjects, departments should adopt one of the following approaches:

1. NPTEL / MOOC certification courses (where applicable), or
2. Flipped classroom implementation (for one topic or one module), or
3. Conducting a three-day industry workshop.

2. Professional Body Membership

Dr. Vinayambika presented statistics on faculty professional body memberships, apart from ISTE. Only a few departments had complied with IQAC policies. The panel discussed possible measures to ensure compliance.

Dr. Vinayambika stressed that HoDs should lead by example, obtain membership themselves first, and then ensure their faculty follow suit. Management assured financial support wherever required.

However, the panel expressed concern regarding the low membership rate in the CSE and allied departments.

The HoD of CSE explained that CSI (Computer Society of India) memberships have been difficult to process due to coordination and system-related issues. The panel decided that within 7 days, CSE and allied branches should identify alternative professional bodies suitable for their field and ensure membership beyond ISTE.

3. Student Project Outcomes in Journals / Conferences / Patents

Dr. Vinayambika presented the statistics of project outcomes published in journals, conferences, and patents. The panel requested segregated data in future reports.

The panel expressed dissatisfaction with publications limited to UGC CARE journals, noting that only a few were published in Scopus-indexed or reputed conferences.

It was decided that henceforth, departments must ensure publications only in:

- Quartile-based journals (Q1–Q4)
- Scopus or Web of Science indexed journals, or
- Conferences indexed in Scopus (e.g., IEEE, Elsevier, Springer), or
- Patents, where applicable.

UGC CARE journals will no longer be considered for project outcome evaluation.

4. Hands-on Workshops Conducted at Department / Institute Level

As per the previous year's suggestion, IQAC made a policy to conduct only hands-on workshops on campus. The list of workshops was presented by the Dean, IQAC.

The panel instructed that all such events must be published in departmental bulletins, including:

- Resource person details
- Program Outcomes (POs)
- Workshop details and approval from IQAC at least 15 days in advance with budget, brochure, and resource details.

Dr. Vinayambika also highlighted the various activities organized by IQAC - workshops, FDPs, and short-term courses - with departmental support. The panel appreciated these efforts and suggested reading select feedback reports to assess the quality of workshops.

5. Quality Publication Details

Dr. Vinayambika presented the department-wise publication statistics (Jan–Oct 2025) for quartile journals (Q1–Q4).

Mr. Rajesh Chowta expressed disappointment at the low number of quality publications, noting that even doctorate holders were not contributing sufficiently.

Mr. Shiva Prakash inquired about challenges faced by faculty in publishing papers.

Dr. Rajashekar mentioned high Article Processing Charges (APC) as a major constraint. Dr. Sunil echoed similar concerns regarding open-access journals. Management assured support for funding quality publications, provided faculty members commit to staying on campus for at least one year after funding approval.

Dr. Rajashekar requested permission to conduct experiments at other premier institutes (like NITK) to enhance publication quality. Dr. Ravinayan noted that an MoU with NITK already allows faculty to use their labs. Management agreed to grant SCL for such approved cases.

The management expects at least one Scopus-indexed paper per faculty, emphasizing that research and publications are essential to improve institutional quality.

Dr. Vinayambika requested that faculty statistics be reviewed over a two-year period, as some papers may still be under review.

Mr. Azan inquired about monitoring mechanisms for research activities. The panel explained that the Research Council oversees research initiatives, conducts peer meetings, and facilitates domain expert interactions for guidance.

Mr. Rajesh Chowta elaborated on management's continuous efforts to strengthen research - for example:

- Internal funding: ₹3 lakh for NBA-accredited departments and ₹2 lakh for non-accredited departments
- Support from experts like Dr. Hariharan, invited multiple times to mentor proposal writing

However, only ₹13 lakh out of ₹26 lakh sanctioned funds were utilized in 2023–24, reflecting under utilization of available support. The panel concluded that the college must reassess the Research Council's structure, focusing on collaborative research and quality proposal writing.

6. MoU with Indo-Universal Collaboration for Engineering Education (IUCEE)

The IQAC Convener briefed the panel about the MoU with IUCEE and explained its importance. IUCEE provides NEP-aligned mini-courses on AI, Design Thinking, and Emerging Technologies. Although online, these courses include critical evaluations, and about 90% of faculty have obtained certifications.

To motivate faculty, IUCEE also offers honorary incentives. Recently, two faculty members - Dr. Suraj (Mechatronics) and Dr. Yogeesh (AIML) — mentored 21 and 24 students respectively and were honored with ₹10,000 each by IUCEE.

Agenda 2: Preparation and Submission of the Annual Quality Assurance Report (AQAR) for AY 2024–25 as per NAAC Guidelines

The Convener - IQAC presented the current preparedness status and highlighted the shortcomings in the preparation of the AQAR for submission to NAAC. She expressed disappointment that data collection has not been completed in full, which has delayed the overall process.

The panel suggested ensuring 100% data collection henceforth and decided to adopt a monthly data collection system to avoid last-minute rush and ensure timely completion of the AQAR.

Agenda 3: Review of Structured Feedback, Action Plan, and Suggestions for Shortcomings

The Convener - IQAC presented her observations regarding the structured feedback process and its implementation. She noted that although the syllabus has been revised based on suggestions from the student community, many students are unaware of these changes. Particularly, outgoing (pass-out) students who studied under the previous VTU syllabus expressed interest in including skill-based courses. These courses have already been incorporated into the autonomous curriculum, but due to a lack of awareness, students have not received adequate information about them. A similar issue was observed among alumni, who remain unaware of such updates because they were part of the older academic schemes.

Additionally, it was reported that even some faculty members are unaware of the resources available in the college library, despite the library being ready to provide all necessary departmental resources upon request. The information gap is primarily due to a lack of proper communication and awareness mechanisms.

Suggestions / Actions Proposed:

All members shared their views and agreed that students, alumni, and faculty members should be regularly informed and educated about new initiatives, resources, and developments.

It was proposed to introduce a monthly “Campus News Bulletin” initiated by the college, featuring contributions from each department. This bulletin will include information on the availability of academic resources, departmental updates, and key institutional activities, ensuring effective communication across the campus.

Agenda 4: Action Plan on External Auditors Comments / Suggestions

The Convener - IQAC presented the observations, comments, and recommendations made by the External Auditors.

As part of the IQAC review, a peer team comprising three members nominated by VTU and four experts nominated by the college visited the campus on 12th and 13th September 2025.

During their visit, the auditors emphasized the need to strengthen activities related to research, collaborations, professional body memberships, and MoU - driven initiatives.

Measurement for Quality Research and Publications by Faculty

The panel decided to revisit and restructure the Research Council, making it more robust and active in promoting quality research within the institution.

It was also discussed that if faculty members continue to show limited research and publication output despite the council’s support, appropriate measures should be taken to educate and motivate them about the following key points:

- **Redefining the Motive:** The primary purpose of an academic institution is not merely to disseminate knowledge (i.e., teaching) but to create new knowledge through research and innovation. The focus should shift from simply completing the syllabus to fulfilling the institution’s broader role as a hub of research, discovery, and innovation.

- The Research Council should actively mentor, guide, and monitor faculty members, revisiting its design and operational framework to ensure effectiveness.

Mr. Rajesh Chowta expressed that if funding is a constraint, management is willing to support quality publications in Q1 and Q2 journals, limited to reputed publishers such as IEEE, Springer, and Elsevier. However, he added that such financial assistance will be provided only if the faculty commits to remain in the institution for at least one year from the date of funding. If the faculty member leaves before that period, the funded amount must be refunded to the institution. This will be adopted as a new IQAC policy moving forward.

Student Project Work Outcomes

The panel decided that student project outcomes must be published only in reputed journals or conferences, specifically those that are Scopus - indexed or belong to recognized quartile journals (Q1–Q4). Only such publications will be considered for project credits under the autonomous curriculum. Further, the panel recommended that in all student publications, the student must be listed as the first author, and faculty members cannot claim first authorship. This recommendation will be implemented as a strict IQAC policy going forward.

Faculty Appraisal Evaluation

Mr. Rajesh Chowta emphasized the need for strict monitoring of the faculty appraisal process by the respective Heads of Departments (HoDs).

He clarified that:

- Faculty cannot claim both FDP and NPTEL certifications for the same course.
- Only quality workshops and FDPs conducted at premier institutions (IITs, NITs, etc.) will be considered for appraisal points to ensure academic quality.

He also pointed out discrepancies in the journal publication details filled by some faculty members and stated that such entries will no longer be accepted.

HoDs must carefully verify and validate all data before approving appraisal forms. All faculty members should be retrained on how to correctly fill appraisal forms to ensure smooth and transparent evaluation.

If any inconsistencies or mismatches are found, HoDs have full authority to reject such appraisal forms. The panel decided to frame an IQAC policy granting this authority officially.

In cases of data discrepancies, the appraisal form will be rejected at the preliminary stage, and the concerned faculty member will be given 24 hours to resubmit a corrected version with accurate data.

The panel also discussed the development of an automated software system for appraisal evaluation, which will automatically assess submissions based on predefined conditions in the appraisal format.

Professional Body Activities

The panel observed that professional body activities are not being conducted effectively across departments.

It was decided that at least 75% of the allocated funds for professional bodies must be utilized for technical or professional development activities, benefiting both faculty and students. This measure is expected to enhance participation and outcomes from professional memberships.

Industry Collaboration

The panel emphasized the importance of industry collaboration for academic and research excellence. It was decided to collaborate with industries to establish Centers of Excellence (CoE) in specific domains, fostering continuous interaction between academia and industry.

Mr. Shiva Prakash supported the idea, stating that such collaborations would strengthen research activities and bridge the gap between academia and industry, ensuring a sustained and long-term process.

Agenda 5: Preparedness of Contents for the Final Year Engineering Program

Syllabus under the Autonomous Scheme

The Convener – IQAC informed the panel that during the Board of Studies (BoS) and Academic Council meetings, as well as in discussions with the Core Committee, it was decided to include NPTEL courses as part of the final year (8th semester) evaluation under the autonomous scheme.

However, students are required to complete their NPTEL course during the 6th or 7th semester, and therefore, the date for course selection needs to be finalized at the earliest.

The panel decided that both 8-week and 12-week NPTEL courses should be available for students to choose from, ensuring no disparity or restriction in options. It was emphasized that limiting students to only one duration (either 8 or 12 weeks) may create unnecessary issues, as some departments may have recommended only 8-week courses.

Hence, it was agreed that all departments should meet together before finalizing the course selection date to ensure uniformity and clarity.

Furthermore, the panel decided that courses should be selected under “Domain-Specific” or “Multidisciplinary” categories, focusing primarily on technical and engineering-related subjects.

It is also decided that the final list of NPTEL subjects must be finalized by 15th December, provided NPTEL announces the course schedule by that date.

Agenda 6: Key Structural Changes in the Revised NBA SAR (Tier-I)

The Convener - IQAC briefed the panel about the revised changes in the NBA Self-Assessment Report (SAR) for Tier-I institutions, highlighting that modifications have been made across all criteria, from Criterion 1 to Criterion 9.

The panel decided that faculties need to be educated and oriented about these changes. Therefore, the IQAC will initiate a series of internal workshops to familiarize all departments with the specific updates and requirements under each criterion.

This initiative will enable every department to effectively incorporate the revised parameters into their respective SAR preparations.

Agenda 7: Any Other Matter with the Permission of the Chair

Mr. Narendra emphasized the importance of educating students about the GATE examination, as qualifying in GATE is crucial for employment opportunities in organizations such as HAL, BHEL, and other government/public sector companies. He suggested that departments should take the initiative to create awareness programs and guidance sessions to encourage students to appear for GATE.

The Panel agreed and decided that awareness and guidance for higher education and competitive exams should be strengthened to benefit the student community.

Student member Mr. Vidhit V. Pai shared his opinion on allowing access to laboratories beyond regular college hours to help students utilize network resources and internet facilities for academic improvement.

The Panel agreed to consider this suggestion and decided to appoint a caretaker to manage the laboratories on a rotational basis during extended hours.

Furthermore, the Panel discussed the implementation of an Integrated ERP system for the campus to integrate financial operations, fee management, and digital evaluation processes. It was also decided to form a development team comprising selected students and external experts to design and develop the required applications. The students involved in development will also be responsible for training others to ensure continuity and maintenance of the system.



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Finally, the Dean - IQAC thanked all members for their active participation and reminded everyone of their responsibility to present the meeting outcomes within their respective departments. IQAC members were instructed to ensure the implementation of decisions and to present the status of actions taken in the next IQAC meeting.

SUMMARY OF THE IQAC EXTERNAL AUDIT REPORT

The External Audit was conducted on 13th & 14th September 2025. The Observations and Recommendations for Improvement by External Audit is listed below:

1. Observations:

During the audit of activities of the institution and the departments, the team has observed the following.

- Good Teaching - Learning practices are in place.
- Classrooms, Laboratory and student support Infrastructure are very good.
- In order to realize 'Continuous Improvement' some important measures are:
 - Faculty publication via suitable research.
 - Placement and Internship for students.
 - Faculty and students a continued work in multidisciplinary domains funded project/consultancy /patents.
- Industry - Institute collaborative activities including research & publication (also with other good institution) can be brought out.
- Incubation centre could be a stepping stone for bright students to collaborate with which also can serve as 'internship' points for weak students to strengthen their learning /subjects of specific domains.
- The Institution has adapted good academic and TLP practices.
- Faculty for the programme are qualified and well experienced shortage of faculty in computer related branches to be observed in future.
- Good quality laboratory facilities, infrastructure and student support systems .
- Feedback is collected from stakeholders at various stages.
- There has been good support in terms of finance & encouragement in terms of incentives from the management.
- Research, Industry collaborations and curriculum development needs improvement.

2. Suggestions/Comments/ Recommendations for Improvement:

- Measures for quality research & publication by faculty.
- Project work of students (final year) can be presented/ published in reputed conferences/ journals.
- Collaborative efforts are necessary in conversion of Project proposals to funded projects.
- More focus and quality research work is emphasized in producing quality research publications.
- Number of activities under professional bodies and MOUs require improvement.
- Documentation of action taken on the feedback and improvements thereon is to be tracked.

3. Conclusions:

- As said in this report, most of the points are supportive to the ‘systemic’ improvement as the management and faculty are good.
- A few weak points (as said in suggestion, particularly) could be ‘brain stormed’ for mutual benefits.
- The institution is performing well with good administrative, academic and management practices.
- Thrust on Research and Industry-collaborative activities is to be increased.
- Monitoring, Assessment and continuous improvement through attainment & feedback needs attention.

Every department has motivated the students, faculty and staff to take up the online certification courses to enhance their knowledge & skills.

- The summary of the same is depicted in the Table 1 below:

Table 1: Department Statistics on IQAC Policies for the academic Year 2025-26

Sl. No	Particulars		Name of the Department															
			AE	AI&ML	CIV	CSE	CSE (AI&ML)	CSE-IoT	ECE	ISE	ME	MTR	RAI	MBA	MCA	Chemistry	Physics	Maths
1.	Swayam - NPTEL Certifications	No. of Students	1	-	-	5	-	0	17	2	5	5	1	34	1	1	-	-
		No. of Faculty	3	2	4	15	-	2	22	3	7	6	3	5	4	5	2	12
		No. of Technical Staff	2	-	-	-	-	0	2	0	3	1	-	-	-	1	-	-
2	Journal Publications	No. of Student	2	-	2	6	1	-	7	3	-	1	-	-	-	-	-	-
		No. of Faculty	4	1	-	1	-	-	5	1	11	-	8	2	3	-	4	10
3	Conference Proceedings Publications	No. of Student	-	5	-	13	3	5	12	2	-	2	-	-	16	-	-	-
		No. of Faculty	-	-	-	12	-	1	1	1	2	3	1	-	17	-	-	-
4	Professional Body Membership	No. of Student	86	-	-	260	-	189	263	370	79	121	57	-	-	-	4	-
		No. of Faculty	9	-	-	3	2	4	22	7	14	-	3	9	7	5	0	-
5	No. of workshop/ Hands-on sessions organized through Department Association/ Student Chapters/ Dept. MoUs		4	1	-	5	-	2	12	3	9	6	2	3	5	-	0	2

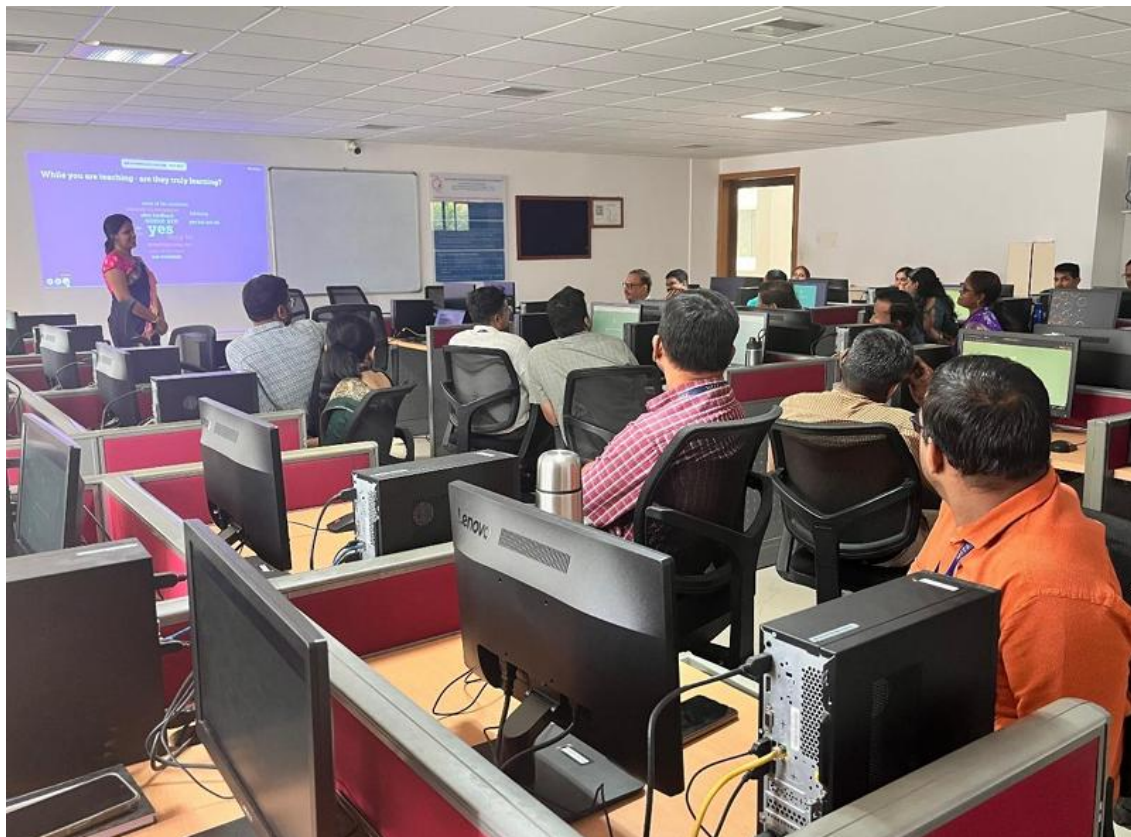
ACTIVITIES ORGANIZED BY IQAC DURING AY 2025-26

A good number of activities were organized by the IQAC for the AY 2025-26. The details are as follows:

Activity No.	Particulars	Date
1	Workshop on “Mastering Flipped Classroom Techniques for Effective Teaching”	01/08/2025
2	Faculty Induction and Orientation Program: "Fostering Academic Excellence and Professional Development"	08/08/2025 to 09/08/2025
3	Student Engagement and Active Learning Strategies for Effective Teaching	13/09/2025
4	From Ideation to Silicon: A Hands-on Custom IC Design with Cadence	15/09/2025
5	Effective Teaching and Learning	11/10/2025
6	Igniting the Entrepreneurial Mindset & Design Thinking	08/11/2025
7	Introduction to Entrepreneurial Thinking	11/12/2025
8	Peer Learning Session on “AI Tools for Teaching and Learning”	07/03/2026
9	Workshop on “CATIA V5 Foundation & Product Design”	07/05/2026 to 09/05/2026
10	Peer Learning Session on “LaTeX Tool for Research Writing”	11/04/2026
11	Peer Learning Session on “Flipped Classroom Techniques for effective Teaching ”	09/05/2026

1. Workshop on “Mastering Flipped Classroom Techniques for Effective Teaching”

The Internal Quality Assurance Cell (IQAC) of MITE, in association with the Teaching Learning Centre, organized a one-day workshop on “Mastering Flipped Classroom Techniques for Effective Teaching” on August 1, 2025. The program focused on learner-centered instruction and modern pedagogical models. Participants completed hands-on training sessions in a dedicated DSP lab covering digital tools like H5P, Hot Potatoes, Mentimeter, and the interactive components JCloze, JMix, JMatch, and JCross. Faculty designed micro-modules integrating interactive videos, crosswords, and live polls. Around 30 faculty members from various departments participated actively. Sessions were led by Ms. Sahana Girish Kundar, Assistant Professor, Department of Electronics & Communication Engineering MITE.



The snapshot of the Workshop on “Mastering Flipped Classroom Techniques for Effective Teaching”

2. Faculty Induction and Orientation Program on “Fostering Academic Excellence and Professional Development”

The MITE Teaching and Learning Centre (TLC), in association with the Internal Quality Assurance Cell (IQAC), organized a Faculty Induction and Orientation Program on “Fostering Academic Excellence and Professional Development” from August 8–9, 2025. The program introduced newly inducted faculty members to institutional policies, academic frameworks, and professional growth opportunities. Sessions covered academic quality and accreditation by Dr. Vinayambika S. Bhat, IPR and patent support by Dr. Ramalingam H. M., and research initiatives by Dr. Pradeep B. S. Additionally, Dr. Sathisha detailed assessment frameworks, Dr. Terence K. Johnson discussed Outcome-Based Education, Mr. Swaroop G. highlighted incubation pathways, Mr. Narendra U. P. addressed career readiness, and Dr. C. R. Rajashekar outlined service ethics. Twenty-six faculty members participated actively.



The snapshot of the FDP on Fostering Academic Excellence and Professional Development”

3. Student Engagement and Active Learning Strategies for Effective Teaching.

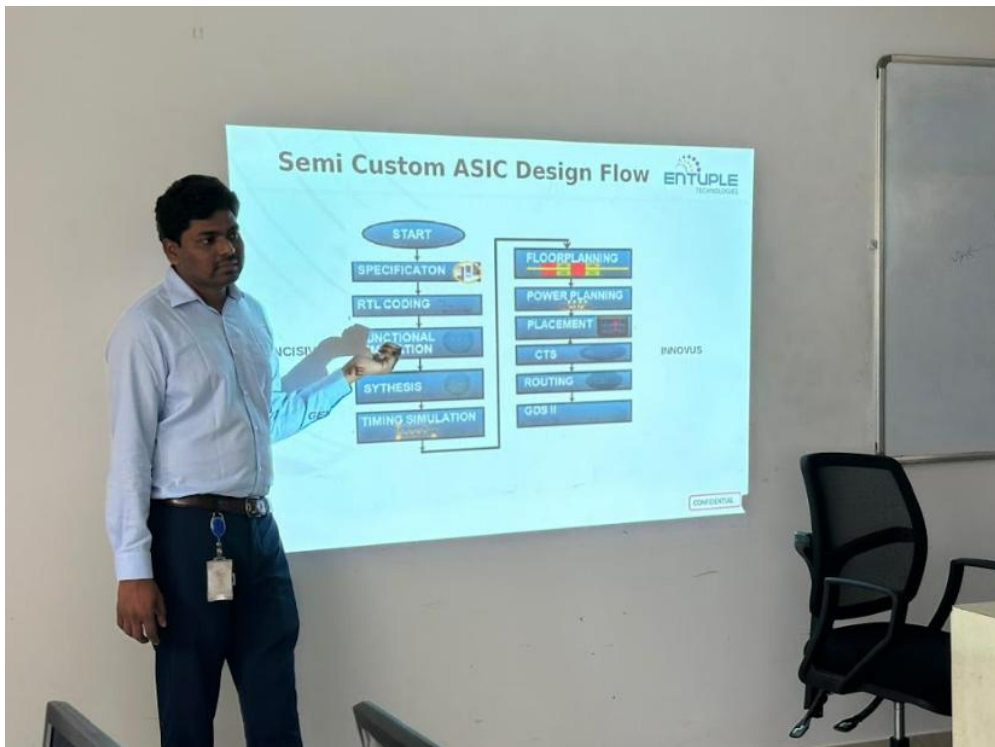
The Teaching Learning Centre (TLC), in association with the Internal Quality Assurance Cell (IQAC) and the Institution's Innovation Council (IIC) of MITE, organized Peer Learning Session 1 on “Student Engagement and Active Learning Strategies for Effective Teaching” on September 13, 2025. Held at The Prep Studio, the program aimed to equip faculty with interactive, student-centered pedagogical methodologies. Mr. Ajith Kumar, Assistant Professor of AE, discussed activity-based strategies like Think-Pair-Share, Flipped Classroom, and Problem-Based Learning. Ms. Sunitha N V, Assistant Professor of CSE, demonstrated technology integration using learning analytics, ICT-enabled assignments, and quizzes. Faculty members participated actively to enhance classroom engagement..



The snapshot of Student Engagement and Active Learning Strategies for Effective Teaching.

4. From Ideation to Silicon: A Hands-on Custom IC Design with Cadence

The Department of Electronics & Communication Engineering, in association with MITE-IQAC, organized a five-day hands-on training program on “From Ideation to Silicon: A Hands-on Custom IC Design with Cadence” from September 1–5, 2025. The program aimed to provide students and faculty members with practical exposure to industry-standard VLSI design flows. Participants explored full-custom, semi-custom, and analog/mixed-signal design methodologies, completing practical lab tutorials on schematic capture, layout verification, DRC/LVS checks, and GDSII generation. Sessions were led by Mr. Rajendra P, Field Application Engineer from Entuple Technologies Pvt. Ltd.



A snapshot from the hands on “From Ideation to Silicon: A Hands-on Custom IC Design with Cadence”

5. Session on Effective Teaching and Learning

The MITE Teaching–Learning Centre (TLC), in association with the Internal Quality Assurance Cell (IQAC), organized Peer Learning Session 2 on “Effective Teaching & Learning Process” on October 11, 2025. Held at The Prep Studio, the program aimed to enhance faculty understanding of learner-centered pedagogies, active engagement strategies, and technology integration. Ms. Deepthi Kotian, Assistant Professor of E&CE, explained student-centered strategies like Think–Pair–Share, case studies, and role play to boost student participation. Dr. Aveen K P, Assistant Professor of RAI, demonstrated the integration of AI tools including ChatGPT, Gamma AI, and Research Rabbit for teaching and research. Nineteen faculty members participated actively.



Glimpse of the Presentation by Ms Deepthi Kotian

6. Igniting the Entrepreneurial Mindset & Design Thinking

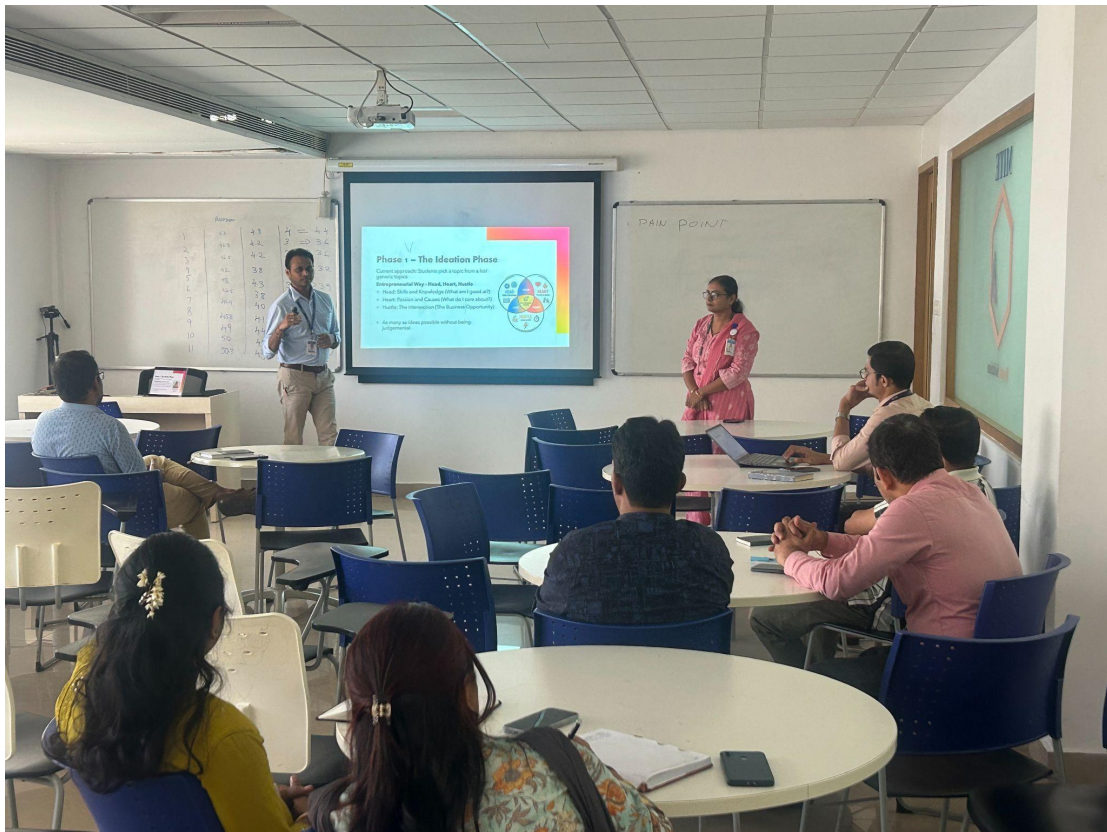
The MITE Teaching Learning Centre (TLC), in association with the Internal Quality Assurance Cell (IQAC), organized Peer Learning Session 3 on “Igniting the Entrepreneurial Mindset & Design Thinking” on November 8, 2025. Held at The Prep Studio, the session aimed to cultivate an entrepreneurial outlook and introduce human-centered problem-solving frameworks. The program covered essential design thinking stages—empathize, define, ideate, prototype, and test—and discussed integrating innovation-driven pedagogy into curricula and student projects. Fourteen faculty members from multiple departments participated actively in the interactive discussions. The session was led by Dr. Sreeja Rajesh, Associate Professor from the Department of Information Science & Engineering, MITE.



The snapshot of Dr. Sreeja Rajesh on Igniting the Entrepreneurial Mindset & Design Thinking

7. Workshop on Introduction to Entrepreneurial Thinking

The MITE Teaching Learning Centre (TLC), in association with the Internal Quality Assurance Cell (IQAC), organized Peer Learning Session 4 on “Introduction to Entrepreneurial Thinking” on December 13, 2025. Held at The Prep Studio, the program aimed to sensitize faculty to entrepreneurial mindsets and skill-based learning. The sessions highlighted problem identification, opportunity recognition, and value creation beyond profit. Real-life student case studies demonstrated design thinking principles—empathy, problem definition, ideation, prototyping, and testing—to solve practical challenges. Fifteen faculty members participated actively. The session was led by Dr. Bindhu Madhavi and Dr. Suraj Bhat, Assistant Professors from the Department of Mechatronics Engineering, MITE.



Dr. Bindhu Madhavi and Dr. Suraj Bhat delivering the Peer Learning Session on “Introduction to Entrepreneurial Thinking” at MITE.

8. AI Tools for Teaching and Learning

The MITE Teaching Learning Centre (TLC), in association with the Internal Quality Assurance Cell (IQAC), organized Peer Learning Session 3 on “AI Tools for Teaching and Learning” on March 7, 2026. Held at The Prep Studio, the session aimed to familiarize faculty members with AI-powered tools for enhancing teaching, content creation, assessment, and digital learning practices. The program demonstrated the use of Google NotebookLM for organizing academic resources, AI-assisted content generation, and HTML-based educational content development, while also addressing ethical AI usage and best practices in education. Fourteen faculty members from various departments actively participated in the interactive session. The program was conducted by Dr. Adithya Hegde, Assistant Professor, Department of Robotics and Artificial Intelligence, MITE.

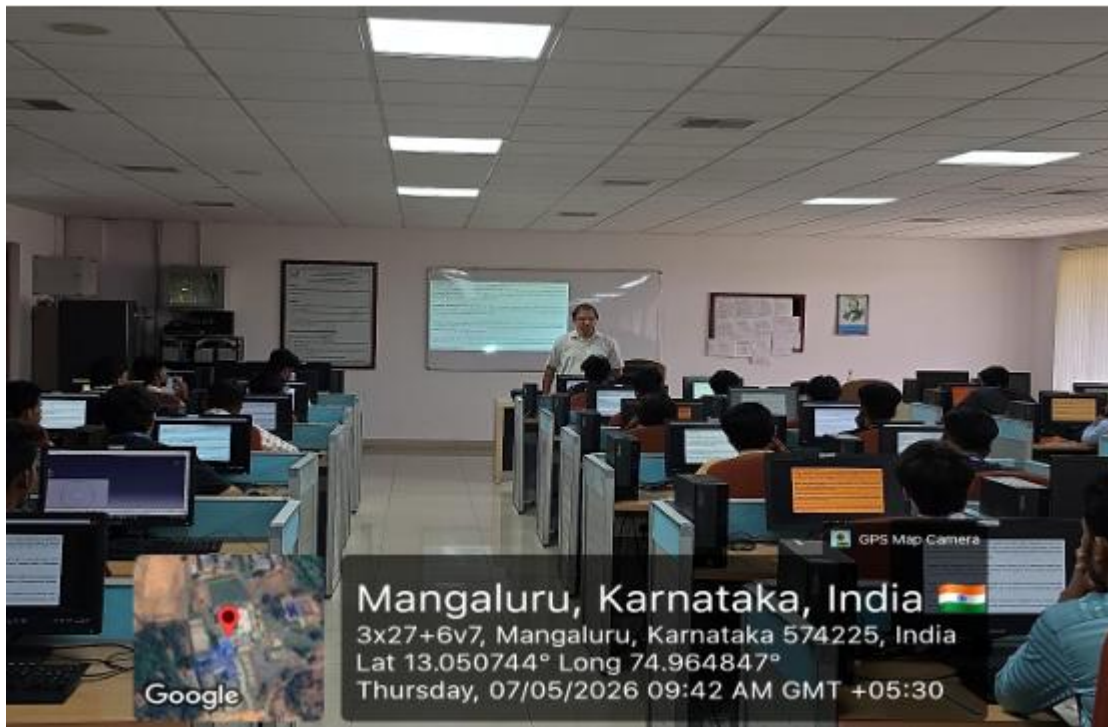


A snapshot from the peer learning session on “AI Tools for Teaching and Learning” by Dr. Adithya Hegde

9. Report on Workshop on “CATIA V5 Foundation & Product Design”

The Department of Mechanical Engineering, MITE, organized a three-day hands-on workshop on “CATIA V5 Foundation & Product Design” from 07th to 09th May 2026 for 41 second-year Mechanical Engineering students. The workshop was conducted in association with ISTE, MITE-IQAC, and MSM Consultancy Services, Bengaluru. Mr. Prashantha S, Design Engineer, MSM Consultancy Services, served as the resource person.

The workshop provided practical training on major CATIA V5 workbenches, including Sketcher, Part Design, Assembly Design, Drafting, and Surface Design. Students gained hands-on experience in 2D sketching, 3D modelling, assembly creation, engineering drawings, and surface modelling. Practical exercises and assessments helped students strengthen their CAD skills and understand industry-oriented product design practices. The workshop successfully enhanced students’ practical knowledge and contributed to bridging the gap between classroom learning and industrial applications.



Resource person delivering overview on CATIA V5 software

10. LaTeX Tool for Research Writing

The Teaching Learning Centre (TLC), in association with the Internal Quality Assurance Cell (IQAC) of MITE, organized a Peer Learning Session on “LaTeX Tool for Research Writing” on April 11, 2026. Held at The Prep Studio, the program aimed to equip faculty members with practical knowledge of LaTeX for preparing professional and well-structured research documents. Dr. Sithara Mary Sunny, Assistant Professor, Department of Electronics & Communication Engineering, demonstrated the fundamentals of LaTeX, document formatting, mathematical equations, figures, tables, citations, bibliographies, and collaborative writing using Overleaf. Faculty members actively participated in the hands-on session, gaining valuable insights into efficient research documentation, technical writing, and academic publishing practices.



Glimpse of the Peer Learning Session on “LaTeX Tool for Research Writing” by Dr. Sithara Mary Sunny

11. Flipped Classroom Techniques for effective Teaching

The MITE Teaching Learning Centre (TLC), in association with the Internal Quality Assurance Cell (IQAC), organized Peer Learning Session 5 on “Flipped Classroom Techniques for Effective Teaching” on May 9, 2026. Held at The Prep Studio, the session aimed to familiarize faculty members with learner-centered teaching methodologies that promote active learning and classroom engagement. The program introduced the flipped classroom model and demonstrated digital tools such as H5P for interactive content creation, Hot Potatoes for developing quizzes and assessments, and Mentimeter for real-time polls, feedback, and classroom interaction. Fourteen faculty members from various departments actively participated in the hands-on session, exploring strategies to enhance student participation and technology-enabled teaching. The session was conducted by Ms. Sahana Girish Kunder, Assistant Professor, Department of Electronics and Communication Engineering, MITE.



Ms. Sahana Girish Kunder delivering the Peer Learning Session on “Flipped Classroom Techniques for Effective Teaching” at MITE