



MAHAGURU INSTITUTE OF TECHNOLOGY

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Affiliated to APJ Abdul Kalam Technological University , Thiruvananthapuram,

Approved by AICTE, New Delhi , Accredited by NBA & NAAC with B++ Grade



Internal Quality Assurance Cell (IQAC)

Quarterly Quality Assurance Report (QAR)

Reporting Period: September 2025 – November 2025

1. Introduction

The Internal Quality Assurance Cell (IQAC) of Mahaguru Institute of Technology undertook focused quality monitoring and enhancement activities during the quarter September 2025 to November 2025, in alignment with the institutional academic calendar. This quarter primarily emphasized strengthening teaching–learning effectiveness, enhancing student engagement, capacity building of faculty, and systematic academic monitoring across departments.

2. Major Quality Initiatives Undertaken

2.1 Initiatives to Improve Teaching–Learning Quality

IQAC continuously monitored the academic processes during the ongoing semester for S3, S5, S7, S4, S6, and S8 programmes.

Special emphasis was given to:

Student engagement

Practical exposure

Outcome-based teaching practices

Departments were encouraged to adopt interactive, application-oriented, and experiential learning methods to improve classroom effectiveness.

2.2 Faculty Development Programme on Engaging Gen Z Learners

IQAC successfully organized a 3-day Faculty Development Programme titled

“Pedagogy for Engaging Gen Z Learners” during this quarter.

The FDP featured eminent resource persons from:

Academia

Industry

Psychology and behavioural sciences

The programme focused on:



Learner-centered pedagogical strategies

Understanding Gen Z learning behavior

Active learning, blended learning, and technology-enabled teaching

External participants from other institutions also attended the FDP, enhancing academic exchange and institutional visibility.

Outcome:

Faculty gained practical insights into innovative teaching methodologies, leading to improved classroom engagement and instructional effectiveness.

3. Academic Assessment Quality Enhancement

3.1 Question Paper Scrutiny and Improvement

IQAC conducted thorough scrutiny of internal assessment question papers, including the Second Series Tests scheduled during this quarter.

Question papers were evaluated based on:

CO alignment

Bloom's Taxonomy levels

Depth of conceptual and analytical assessment

Improvement Noted:

Compared to the previous quarter, the quality of question papers showed significant improvement, with better inclusion of:

Application-based questions

Analytical and problem-solving questions

This ensured improved assessment of higher-order thinking skills among students.

4. Enhancement of Practical Exposure and Industry Interaction

4.1 Department Association Activities

IQAC issued formal communication to all Heads of Departments to ensure the conduct of Association Day activities in each department.

Departments were instructed to organize:

Technical talks



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Workshops

Expert lectures

Student-led technical events

Objective:

To improve students' practical exposure, professional skills, and industry awareness beyond classroom learning.

4.2 Monitoring of Industrial Visits

IQAC directed all Heads of Departments to submit proper Industrial Visit (IV) reports for all batches.

The IV reports were required to include:

Industry profile

Learning outcomes

Student participation details

Photographic evidence

This initiative ensured:

Uniform documentation

Academic relevance of industrial visits

Enhanced experiential learning outcomes

5. Strategic Planning and Institutional Coordination

5.1 Strategic Plans from Cells and Clubs

IQAC instructed all coordinators of institutional cells and clubs to submit strategic plans for the upcoming three months.

The plans focused on:

Clearly defined objectives

Planned activities

Expected outcomes

This initiative strengthened systematic planning, accountability, and outcome orientation across institutional activities.



5.2 Sports and Physical Development Initiatives

IQAC issued a special communication to the Sports Cell Coordinator emphasizing the need to:

Provide regular practice sessions

Encourage participation in more sports events and items

The initiative aimed to promote:

Physical well-being

Team spirit

Overall student development

6. Internal Academic Audit and Quality Monitoring

As per the academic calendar, the Second Internal Academic Audit was conducted during this quarter.

IQAC reviewed:

Course file completeness

Teaching progress

Assessment practices

Observations and corrective actions were communicated to departments to ensure continuous improvement.

7. Challenges Identified

Need for sustained engagement strategies for diverse learner groups.

Ensuring uniform quality in departmental activities and documentation.

Strengthening coordination among various cells and clubs for outcome-based planning.

8. Corrective Measures and Action Plan

Faculty capacity building through targeted FDPs.

Strengthened scrutiny and feedback mechanism for assessments.

Structured planning through strategic submissions by coordinators.

Enhanced monitoring of industrial visits and association activities.



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Focused encouragement for sports and co-curricular participation.

9. Conclusion

During the quarter September 2025 – November 2025, IQAC actively implemented quality assurance mechanisms aimed at improving teaching–learning effectiveness, faculty competency, student engagement, and institutional planning. The initiatives undertaken reflect a strong commitment to continuous quality improvement, holistic education, and outcome-based academic practices. The effectiveness of these initiatives will be reviewed in subsequent IQAC meetings.

Prepared by  03/12/2025

Coordinator, IQAC


Approved by 13/12/25

Chairperson, IQAC / Principal IQAC