



# MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Approved by the AICTE, New Delhi - Affiliated to Pondicherry University  
Accredited by NAAC WITH 'A' Grade and NBA (National Board of Accreditation)  
Kalitheerthalkuppam, Puducherry - 605 107  
Ph: 0413 2643007 / Website: www.mvit.edu.in



## INTERNAL QUALITY ASSURANCE CELL

Action Taken report for the IQAC meeting conducted on 25<sup>th</sup> Jan 2025.

S.NO	SUGGESTIONS BY EXPERTS	ACTION TAKEN
1.	<p>The graduation percentage in Mechanical department (2024 Batch) is only 72%.</p> <p>Corrective measures to be implemented for improving the Graduation percentage of Mechanical Engineering Batches.</p>	<ul style="list-style-type: none"><li>• Pass Percentage of 2025 Passed out batch till 7<sup>th</sup> Semester is 76%</li><li>• Slow learners were identified through internal assessments, No of arrears, class participation, and faculty observations. Remedial classes and special coaching classes were conducted for critical subjects to help students' clear backlogs.</li></ul>
2.	<p>Inclusion of Budget details in the IQAC presentation.</p>	<p>In line with the recommendations from the previous IQAC meeting, a consolidated presentation of the entire institution's budget has been prepared and given in the IQAC presentation. This includes detailed financial data covering:</p> <ul style="list-style-type: none"><li>• Academic and administrative departments</li><li>• Faculty development and training programs</li><li>• Infrastructure and digital learning enhancements</li><li>• Research and innovation activities</li></ul>
3.	<p>Inclusion of Academic and Administrative Audit details in the IQAC presentation</p>	<ul style="list-style-type: none"><li>• The Academic and Administrative Audit (AAA) is currently being conducted across all departments in the institution from 16.06.25.</li><li>• The Heads of Departments have been assigned the responsibility to coordinate the audit process using a standardized format provided by IQAC.</li></ul>

		<ul style="list-style-type: none"> <li>• The audit evaluates various academic and administrative parameters such as university examination results, faculty contributions, feedback mechanisms, attainment of COs and POs, experiential and participative learning practices, ICT tool usage, research output, student development programs, faculty development programs and departmental achievements.</li> <li>• Upon completion, the AAA reports will be compiled and submitted to the IQAC cell, which will review the findings and initiate necessary quality enhancement measures.</li> </ul>
4.	Creation of Free tier accounts on AWS and Azure for students and Faculty	<ul style="list-style-type: none"> <li>• To encourage practical exposure on cloud computing and AI tools, Department of Artificial Intelligence and Machine Learning facilitated the creation of free-tier accounts on AWS and Microsoft Azure for both students and faculty members.</li> <li>• This initiative enabled to access essential cloud services, development tools, and machine learning environments, supporting coursework, certifications, and project development.</li> <li>• Faculty members were also trained to explore and integrate cloud-based resources into their teaching methodologies.</li> <li>• This initiative directly contributed to 113 students successfully completing the AWS Academy Machine Learning Foundation Certification, fostering hands-on learning and aligning student skill sets with industry expectations.</li> </ul>
5.	Organizing awareness sessions on the creation and effective use of GitHub accounts.	<ul style="list-style-type: none"> <li>• An awareness session on the creation and effective utilization of GitHub accounts was organized on 2<sup>nd</sup> April 2025 for the faculty members of the CSE (ICB) Department. The session was conducted by Dr. N. Palanivel, Head of the Department, CSE (ICB), with</li> </ul>

11.	Workshops/Value added courses/Online Certifications in <b>"DevOps"</b>	<ul style="list-style-type: none"> <li>• A value-added course on "DevOps" will be launched in the 2025–26 academic year to provide students with hands-on experience in integrating software development and IT operations.</li> <li>• In addition, students will be encouraged to pursue online certifications from recognized platforms to strengthen their skillsets and stay current with evolving industry demands.</li> </ul>
12.	<p>Awareness Programs on Open-Source programming Languages</p> <ul style="list-style-type: none"> <li>• Red Hat</li> <li>• SonarQube</li> <li>• Go Programming language.</li> </ul>	<ul style="list-style-type: none"> <li>• The Department of CSE organized an awareness program on Open-Source Programming Languages for third-year CSE students on 23.04.2025.</li> <li>• The initiative aimed to familiarize students with open-source languages, improve their programming skills, and promote teamwork in practical software development.</li> </ul> <p><b>Topics and Presenters:</b></p> <ul style="list-style-type: none"> <li>• Red Hat – Presented by Mrs. R. Indumathi, Assistant Professor, CSE</li> <li>• SonarQube – Presented by Mrs. Suganya, Assistant Professor, CSE</li> <li>• Go Programming Language – Presented by Mrs. D. Mohanapriya, Assistant Professor, CSE</li> </ul>

*25/6/25*

*25.6.25*  
**PRINCIPAL**  
**MANAKULA VINAYAGAR**  
**INSTITUTE OF TECHNOLOGY**  
**KALITHEERTHALKUPPAM**  
**PUDUCHERRY-605 107**