

St. Joseph's College of Engineering and Technology, Palai

External Peer-Team Review Report

A. General Information

Particulars	Details
Name of Institution	St. Joseph's College of Engineering and Technology, Palai, Choondacherry P.O, Palai, Kottayam
Date of visit	08 July 2026
Period/Year Covered	2025-2026
Peer Team Members: Name and Designation	1. Dr. SMITHA DHARAN
	2. Dr. SOBHA CYRUS
	3. Dr. NISHA G K

B. Summary of Process/Observations/Remarks

(A brief summary of the review process and observations made during the review which includes Key strengths', Areas requiring improvement, any other relevant items)

Introductory Remarks about the Institution

- **Eco-Friendly Campus:** A sustainable and green environment conducive to learning.
- **Dual ISO Certifications:** Certified in ISO 9001:2015 for administrative excellence and ISO 14001:2015 for environmental management.
- **Accredited Excellence:** Rated NAAC 'A' Grade, with six core programs (Civil, Mechanical, EEE, ECE, CSE, and MCA) accredited by the NBA.

- **Entrepreneurial Infrastructure:** Advanced modern facilities designed to foster innovation and a startup mindset.
- **Future-Ready Curriculum:** Offers traditional core engineering disciplines alongside high-demand, specialized B.Tech programs in Artificial Intelligence & Data Science and Cybersecurity.

Methodology adopted for the Review Process

- **Opening Briefing:** An introductory session with the Bursar, Principal, Vice Principal, Heads of Departments, Deans, Controller of Examinations, Placement Officer and the IQAC core team.
- **Departmental Interactions:** Focused discussions with faculty members and department HoDs.
- **Infrastructure Assessment:** A physical review of campus infrastructure, engineering laboratories, the Central Library, and academic learning resources.
- **Documentation & Compliance Audit:** A comprehensive verification of academic processes, assessment practices, student support mechanisms and regulatory compliance frameworks.
- **Strategic Discussions:** Targeted evaluations based on the institutional questionnaire, alongside UGC and AICTE guidelines.

Key Strengths Identified

- **Leadership and Governance:** Committed visionary leadership with a vision to incorporate the ever-evolving changes in the education system in the institution for the betterment of the students and society at large.
- **Faculty Commitment:** Dedicated faculty with a strong commitment to robust curricular delivery, structured student mentoring, and successful placement initiatives.
- **Student Support:** Extensive management scholarships available to eligible students.
- **Cutting-Edge Innovation:** Equipped with AICTE IDEA Lab to foster hands-on technical innovation and prototyping.
- **Global Industry Alliances:** Maintained active MoUs with international technology

leaders including Red Hat, Oracle, and Cisco, alongside functioning as a vibrant NPTEL Local Chapter in collaboration with IIT Madras.

- **International Research Synergy:** Established strategic global academic partnerships, including collaboration with IICT Germany.
- **Intellectual Property & High-Impact Research:** Demonstrated strong research credentials with utility patents published and a consistent output of SCI-indexed research papers.
- **Continuous Faculty Development:** Empowered faculty excellence through widespread participation and certification in advanced NPTEL/SWAYAM professional development courses.
- **Digital Transformation:** Actively deploying an automated Learning Management System (LMS) to streamline academic delivery and student engagement.
- **Compliance:** Evident efforts to adhere to academic calendars, evaluation norms, and regulatory guidelines.

Major Areas Requiring Improvement

- **Research Mobilization:** Securing externally funded research grants from national and international funding agencies.
- **Consultancy Services:** Expanding institutional consultancy revenue and technical advisory services for industry partners.
- **Industry Collaboration:** Strengthen alliances with industry leaders to enrich experiential learning, student internships, and co-guided capstone projects.
- **Research and Innovation:** Promote faculty and student research through institutional support and funding applications.

Summary of Observations/Recommendations:

Observations:

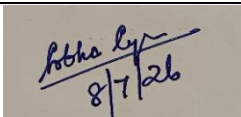
1. **Institutional Commitment:** The management and leadership demonstrate a clear commitment to academic development and institutional growth.

2. **Faculty Commitment:** Commitment of the faculty in the overall development of the students, especially in academic delivery and placement activities, is commendable
3. **Infrastructure and other facilities:** Basic infrastructural facilities such as classrooms, laboratories, and library resources are adequately maintained and utilized.
4. **Student Welfare and Development Initiatives:** Support mechanisms like scholarships, mentoring, counselling, value education and placement initiatives are active and need appreciation
5. **Idea to Start-up Innovation Ecosystem**
6. Many recommendations given by the Peer Team 2025 is observed to be implemented.

Recommendations:

1. **Strengthen Documentation:** Maintain structured and accessible records of academic activities, minutes of meetings, and outcome-based practices.
2. **Enhance OBE Implementation:** Improve the articulation and assessment of Programme and Course Outcomes across departments. Ensure all Course Outcomes are clearly defined, measurable, and mapped to appropriate Programme Outcomes. Emphasize alignment with higher levels of **Bloom's Taxonomy** to promote critical thinking and application-based learning. Establish a vetted repository of question banks tagged with relevant COs and Bloom's levels. Regularly review and upgrade them to maintain academic rigor and relevance. Assignments, projects, and assessments must be designed to foster **higher-order cognitive skills** rather than rote learning. Organize periodic training sessions and workshops led by **OBE and curriculum design experts**.
3. **Faculty Development:** Encourage regular faculty participation in FDPs, workshops, and research activities.
4. **Industry Collaboration:** Strengthen industry tie-ups for internships, project guidance, and skill-based learning.
5. **Feedback Systems:** Implement robust student and stakeholder feedback mechanisms with documented analysis and follow-up actions.

6. **Research and Innovation:** Promote faculty and student research through institutional support, funding applications, and publication incentives.
7. **Digital Integration:** Expand the use of Learning Management Systems and digital tools for teaching, learning, and academic tracking.
8. **IDP emphasizing academic autonomy, innovation, and social impact.**
9. **Annual Academic Plan**

Sl No	Name of Peer team member	Signature with date
1.	Dr. Smitha Dharan	
2.	Dr. Sobha Cyrus	
3.	Dr. Nisha G K	