



# St. Joseph's College of Engineering

## St. Joseph's Group of Institutions

OMR, Chennai-119

(Accredited by NBA and NAAC A+ Grade)



### Minutes of the Internal Quality Assurance Meeting (AY 2024-2025)

**Date / Time:** 27th May 2025 & 10 a.m

**Venue:** IQAC Meeting Hall

#### Members present:

1. Dr.B.Babu Manoharan	Chairman - St.Joseph's Group of Institutions
2. Mr.B.Shashi Sekar	Managing Director - St.Joseph's Group of Institutions
3. Mrs.S.Jessie Priya	Executive Director - St.Joseph's Group of Institutions
4. Dr. Vaddi Seshagiri Rao	Principal & IQAC Chairperson
5. Dr. N.Arunkumar	Professor & Dean - Industrial Collaborations and IQAC Coordinator
6. Dr. V. Vallinayagam	Professor & Dean - Student Affairs
7. Dr. Chandra Sekar	Professor & Dean - Research
8. Dr. G. Sreekumar	Professor & Dean - Academics
9. Dr. S. Annadurai	Professor & COE
10. Dr.B. Diwan	Professor & Dean – Placements
11. Mrs. G. Lathaselvi	Associate Professor& Dean – School of Computing
12. Dr.Sherly Puspha Annabel.L	Professor & HOD-ADS
13. Dr.V. Muthulakshmi	Professor & HOD-CSE
14. Dr. Heltin Genitha C	Professor & HOD-IT
15. Dr.Adlin Sheeba	Professor & HOD-AML
16. Dr.K.Vijai	Professor & HOD-CIVIL
17. Dr.L.F.A.Anandraj	Professor & HOD-BIOTECH
18. Dr. R. Satish	Associate Professor & HOD-MBA
19. Dr. JayaramaPradeep	Professor & HOD-EEE
20. Dr.S.Rajesh Kannan	Associate Professor & HOD-ECE
21. Dr.N.Venkatesh	Professor & HOD-CHEMICAL
22. Dr.S.Meena	Associate Professor & HOD-EIE
23. Dr. L.Balamurugan	Associate Professor & HOD-MECH
24. Dr. G. MeenaDevi	Professor & HOD-Maths
25. Dr. P. Saravanan	Associate Professor & HOD-Science
26. Dr.N.E.Arun Kumar	Associate Professor & Assistant IQAC Coordinator
27. Dr.M.Ganesh	Assistant Professor-MECH
28. Mr. Ravivarman	Founder and Director, Dreamer India Innovations
29. Mr. S.M.RajaVikkraman	Associate Vice President,India Pistons Ltd., Chennai
30. Mr. Ajay Vishwas	Director Affluent Tech Consulting Private Ltd (Cyber Security Consulting and Information System Auditing Company) ,Chennai



## Agenda

- **Role of IQAC**
- **Activity Report for the Academic Year 2023-2024**
- **AQAR Submission for Academic Year 2023-2024**
- **NIRF Ranking Participation**
- **Academic and Administrative Audit Reports**
- **Feedback Analysis from Stakeholders**

## Minutes

The meeting began with a welcome note from **Dr. Vaddi Seshagiri Rao**, Principal of SJCE and Chairperson of SJCE-IQAC. **Dr. N. Arunkumar**, Coordinator of IQAC, highlighted the role of IQAC and quality initiatives in the departments. This was followed by self-introductions from the committee members.

**Dr. N. Arunkumar** delivered a brief PowerPoint presentation detailing the status of IQAC and reviewing activities for the academic year 2024-2025. Some of the salient features presented included:

- **Responsibilities of IQAC**
- **Department Activity Reports**
- **AAA Reports and Follow-up Actions**
- **AQAR Preparation for Academic Year 2024-2025**
- **Review of Funded Projects, Patents, and Publications**

## Key Statistics:

- **Number of Journal Publications:** 313
- **Number of Funded Projects:** 12 (Total Cost: Rs. 92,12,500)
- **Book Chapters and Conference Proceedings:** 86
- **Patents:** 304

## Initiatives and Progress for Academic Year 2023-2024:

1. **Placements and Higher Studies:**  
920 students placed and 106 students pursuing higher studies.
2. **Promotion of Research and Innovation:**  
A Centre for Innovation has been developed to promote research and innovation across 21 PEP domains.
3. **Incentives for Research Contributions and Publications:**  
Staff rewards amounting to Rs.23, 52,500 for publications and research projects.
4. **Value-added and Certificate Courses:**  
All departments are offering VACs and certificate courses approved by the BOS.
5. **Internal Hackathon:**  
Four Internal Hackathons were conducted to benefit students by disseminating their skills and innovation.
6. **Quiz Event on Quality Standards:**



The BIS Club and IEEE chapters conducted a Quiz Event on Quality Standards.

**7. AICTE-Idea Lab:**

AICTE sanctioned the establishment of a self-sponsored IDEA Lab with an investment of Rs. 1.1 crores.

**8. Certified Internship Program for School Students:**

Targeting skill development and career awareness among school students.

**9. Incubation Centre:**

AI incubation and Bridge Green Incubation Centres have been established on campus to foster startup culture.

**10. Increase in PEP Centres:**

Recent PEP domains such as Digital Manufacturing and Power BI have been proposed.

**11. Cash Rewards for Students:**

Rs. 1.05 Crore (Merit Scholarship) and Rs.15.2 lakh awarded for academic performance, paper and patent publications, competition winners, NPTEL certifications, and recognitions.

**12. International Conference:**

The 2<sup>nd</sup> International Conference on Technological Advancements in Materials, Design, Manufacturing and Energy Sectors (ICTAMDMES 2024) was organized on 21<sup>st</sup> and 22<sup>nd</sup> August 2024.

**13. Industry Conclave:**

Industry Academia Networking Conclave (IANC 2025) was organized on 21st March 2025, Industry and academia persons were invited to share knowledge, experience, technology, science and collaboration opportunities.

**Academic Council Meetings:**

The Academic Council meeting was held on **December 18, 2024**,

**Department BOS Meeting:**

The Department BOS meeting was conducted to update and modify the syllabus, including employability courses and value-added courses for students enrolling from the year 2024.

**NIRF Ranking:**

Our institution participated in the **NIRF ranking(Engineering, Innovation and SDG)** for 2024.

**Grant Achievements:**

Our students from the departments of ECE, Biotech, and Mechanical received a total of **Rs. 31.5 lakhs** for Business Model Development in the National Level Grant Challenge MSME IDEA HACKATHON (WOMEN) 3.0 - 2023, organized by MSME, Government of India.

**Mechanical Team Achievement:**

The Mechanical Students Team, named "**Aurelian Racing Team 6.0**," constructed an All-Terrain Vehicle (ATV) and participated in **SAE m-BAJA 2025**, conducted by NATRIP in Madhya Pradesh in January 2025. The team also participated in ATVC Event and bagged 5 trophies in various events. The Team also participated SAEINDIA is an affiliate society of SAE International, registered as a non-profit engineering and scientific society dedicated to the advancement of the mobility community in India.

**Open Discussion:**

Following the presentation, an open discussion was held.



### Suggestions/Comments from External Members:

- The need to secure **more patents**, utility patents, and copyrights awarded to faculty members in the forthcoming academic years.
- Organizing **recent advancement-oriented workshops** and internships for students.
- **Satisfactory** student participation in competitions such as Hackathon, Ideathon, IICDC, and Toycathon.
- Feedback from stakeholders will be instrumental in improving the **teaching-learning process**.

### Decisions Taken:

- Strengthen **Industry-Institute Interaction** through signing MOUs, arranging more industrial visits, guest lectures, and industrial exposure training from industry professionals.
- Enhance student chapter activities through participation in upcoming **national technical events** like E-BAJA, M-BAJA, Go-kart racing under SAE, Technology Dissemination Contest under IEEE, and competitions under the OSA chapter.
- Aim for a higher number of **patents and copyrights** awarded to faculty members in forthcoming academic years.

### Targets for Academic Year 2025-2026:

- Encourage student participation in **technical and innovative contests and competitions**.
- Arrange **international seminars**, workshops, conferences, and FDPs across all departments.
- Increase **collaborative projects** with industries and secure government-funded projects.
- Enhance **journal publications** with a higher impact factor.

### Highlights:

- **Strong placement record** with 920 students placed.
- **Innovative initiatives** like the Centre for Innovation and AICTE-Idea Lab.
- **Successful participation** in national competitions leading to significant funding.
- **Commitment to research and academic excellence** through awards and incentives.

  
27/5/2025  
IQAC CO ORDINATOR

**Dr.N.ARUNKUMAR M.E., PhD.,**  
Professor & Dean  
Industrial Collaborations and IQAC  
St. Joseph's College of Engineering  
OMR, Chennai - 600 119

  
27/5/2025  
IQAC CHAIRPERSON

**Dr.VADDI SESHAGIRI RAO, M.E., M.B.A., Ph.D.**  
PRINCIPAL  
St. JOSEPH'S COLLEGE OF ENGINEERING  
(AN AUTONOMOUS INSTITUTION)  
OLD MAMALLAPURAM ROAD, CHENNAI-600 119.