



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 2023-2024)

Date / Time: 27th May 2024 & 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. Dr.R. Pugazenthi	Professor & HOD-ADS
12. Dr.V. Muthulakshmi	Professor & HOD-CSE
13. Dr. Lilly Ramesh	Professor & HOD-AML
14. Dr.S.Thenmozhi	Professor & HOD-CIVIL
15. Dr.L.F.A.Anandraj	Professor & HOD-BIOTECH
16. Dr. S.P.Karuppiah	Professor & HOD-MBA
17. Mrs. G. Lathaselvi	Associate Professor- IT
18. Dr. JayaramaPradeep	Professor & HOD-EEE
19. Dr.S.Rajesh Kannan	Associate Professor & HOD-ECE
20. Dr.N.Venkatesh	Professor & HOD-CHEMICAL
21. Dr.S.Meena	Associate Professor & HOD-EIE
22. Dr. L.Balamurugan	Associate Professor & HOD-MECH
23. Dr. G. MeenaDevi	Professor & HOD-Maths
24. Dr. P. Saravanan	Associate Professor & HOD-Science
25. Dr.N.E.Arun Kumar	Associate Professor & Assistant IQAC Coordinator
26. Mr. Ravivarman	Founder and Director, Dreamer India Innovations
27. Mr. S.M.RajaVikkraman	Associate Vice President, India Pistons Ltd., Chennai.
28. 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 2023-2024. Some of the salient features presented included:

- **Responsibilities of IQAC**
- **Department Activity Reports**
- **AAA Reports and Follow-up Actions**
- **AQAR Preparation for Academic Year 2023-2024**
- **Review of Funded Projects, Patents, and Publications**

Key Statistics:

- **Number of Journal Publications:** 219
- **Number of Funded Projects:** 10 (Total Cost: Rs. 69,12,500)
- **Book Chapters and Conference Proceedings:** 86
- **Patents:** 112

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. 15,41,850 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-sponsored Smart India Hackathon:**
Our college served as the Nodal Centre for the AICTE Smart India Hackathon 2023 finale.
- 8. AICTE-Idea Lab:**
AICTE sanctioned the establishment of a self-sponsored IDEA Lab with an investment of Rs. 1.1 crores.

9. Certified Internship Program for School Students:

Targeting skill development and career awareness among school students.

10. Incubation Centre:

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

11. Increase in PEP Centres:

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

12. Cash Rewards for Students:

Rs. 47,80,889 awarded for academic performance, paper and patent publications, competition winners, NPTEL certifications, and recognitions.

13. International Conference:

The 3rd International Conference on Advances in Computing, Communication, and Applied Informatics (ACCAI 2024).

Academic Council Meetings:

The Academic Council meetings were held on **November 18, 2023, and May 25, 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 2023.

National Sustainability Impact Institution's Ranking:

Our institution participated and achieved **2nd rank** in the Performers Band in NSIIR 2023.

NIRF Ranking:

Our institution participated in the **NIRF ranking** for 2023.

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 5.0,**" constructed an All-Terrain Vehicle (ATV) and participated in **SAE m-BAJA 2024**, conducted by NATRIP in Madhya Pradesh in April 2022. 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 2024-2025:

- 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.


IQAC COORDINATOR

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


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.