



# **SATHYABAMA**

**INSTITUTE OF SCIENCE AND TECHNOLOGY**

**(DEEMED TO BE UNIVERSITY)**

**Accredited A++ Grade by NAAC | 12B Status by UGC | Approved by AICTE**

**[www.sathyabama.ac.in](http://www.sathyabama.ac.in)**

## **QUALITY INITIATIVES-2023-24**

**by IQAC - Sathyabama Institute of Science and Technology for the academic year 2023–2024**

### **1. Academic Excellence & Curriculum Development**

- Introduced new academic programs: Pharm.D, M.Pharm, LLM, B.Sc. in Data Science.
- Undertook curriculum revision for the academic year 2023–2024.
- Integrated feedback from stakeholders for revised curriculum.
- Implemented CAE question paper approvals by PAC committees for quality assurance.
- Focus on NEP-aligned curriculum and introduction of Indian Knowledge System (IKS) courses.
- Planned orientation programs for young research scholars and faculty induction on Outcome-Based Education (OBE).

### **2. Ranking, Accreditation & Certifications**

- Formed core team for improving NIRF, QS, and THE rankings.
- Initiated and achieved NBA reaccreditation for several programs.
- Prepared for and supported ABET international accreditation processes.
- Transitioned from ISO QMS 9001:2015 to EOMS 21001:2018 certification.
- Participated in new NIRF categories such as Innovation and Research.

### **3. Research, Innovation & Publications**

- Enhanced research funding by 15% through external collaborations.
- Recognized high-impact research publications and increased faculty support.
- Encouraged submissions to UGC CARE, SCOPUS, and WoS indexed journals.
- Established research orientation for product development.
- Emphasized Intellectual Property Rights (IPR) and patent filing.
- Initiated Centers of Excellence in key research domains.

### **4. Industry Linkages & Internationalization**

- Strengthened MoUs with academic and industrial institutions globally (Europe & Asia).
- Promoted student and faculty exchange programs.



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- Supported the creation of twinning (joint degree) programs with international universities.
- Encouraged faculty and student industry visits for practical exposure.
- Increased new placements and internships via enhanced industry interactions.

## 5. Green Practices & Sustainability

- Conducted green and energy audits.
- Integrated findings into a sustainability action plan.
- Focused on reducing carbon footprint and promoting efficient resource usage.

## 6. Technology & Infrastructure

- Implemented MATLAB Campus-wide License across departments.
- Modernized laboratories, especially in AI, Bioenergy, and Additive Manufacturing.
- Planned expansions in AI Supercomputing and a Metaverse Studio.

## 7. Entrepreneurship & Startups

- Fostered startup ecosystem: incubated 10 new ventures under TBI/Sathyabama Innovation Council.
- Initiated seed funding and incubation support mechanisms for student startups.

## 8. Governance & Academic Processes

- Developed roadmap for improving research and innovation culture.
- Enabled provisions for Academic Bank of Credits (ABC) system.
- Monitored exam conduct and paper evaluations to ensure fairness and academic integrity.
- Promoted recruitment for Research Professorship roles.

**Dr. Anima Nanda**  
(Dean- IQAC)

**Dr. T. Sasipraba**  
(Vice-Chancellor)