

Dynamic Short-term Perspective Plan for JSS STU

JSS Science and Technology University, Mysuru, was established in 2016. It enjoys the rich legacy of Sri Jayachamarajendra College of Engineering, a pioneering institution in the field of Engineering and Technology in the region and nation. With the establishment of the university and its vision to advance engineering education and be at the forefront of technological advancements, the university has envisioned its new strategic direction.

Strategic Direction:

“To emerge as a global university and train next-generation technologists with world-class academics and a research culture who can drive economic and social change through responsible citizenship and entrepreneurship.”

To realize this vision and in the ever-evolving landscape of higher education, adaptability, and strategic planning are crucial for academic institutions' sustained growth and success. JSS Science and Technology University, standing at the forefront of innovation and education, is poised to embark on a transformative journey through a well-defined short-term perspective plan.

Futuristic vision:

Our vision for the short term is clear – to position JSS STU as a dynamic hub of academic excellence, research innovation, and community impact. This vision aligns with our commitment to nurturing the holistic development of our students and contributing significantly to the global scientific and technological landscape. The vision focuses on:

1. To provide a quality education that fosters creativity, critical thinking, and holistic development.
2. To cultivate a research-oriented environment that contributes to societal well-being.
3. To be recognized nationally and internationally for academic excellence and innovation.

Principal Areas of Emphasis:

1. Academic Excellence:

Our priority is to pursue quality and excellence in teaching and research that impact real-world problems. Academic excellence can be achieved only with outstanding contributions by faculty, student quality, relevant programs and infrastructure that



matches it, and dynamic learning resources. For this, the enrichment of our academic programs to meet the ever-changing demands of industry and research is the need, and the university will –

- Regularly update and align curriculum with industry requirements.
- Introduce new, relevant courses to meet the demands of the evolving job market.
- Emphasize experiential learning, internships, and practical application of theoretical knowledge.
- Support Faculty development to upskill them with emerging technologies, industry immersions, and pedagogy.
- Work towards accreditation and ranking and achieve respectable positioning.

2. Faculty Development:

Faculty Development and attracting distinguished faculty will play an essential role in the academic excellence envisaged by the university. For this university will –

- Attract experienced and diverse faculty members with expertise in emerging technologies.
- Develop a mentorship program for new faculty to ensure a smooth integration into the university's culture.
- Encourage faculty to engage in continuous learning, research, and industry collaborations.

3. Research and Innovation:

A thriving research ecosystem is pivotal for any leading university. JSS Science and Technology University will develop a research culture by setting priorities, aligning with the research activities that are already in progress, and supporting research that meets the highest standards of academic rigor. Research performance will be organized around impact, innovation, international relevance, and investment. For this, JSS STU will

- strengthen its research infrastructure
- encourage interdisciplinary collaboration and
- foster a culture of innovation
- Partners with industry leaders to open avenues for impactful research projects to propel the university to the forefront of scientific discovery.



JSS Mahavidyapeetha

JSS Science and Technology University

(Established Under JSS Science and Technology University Act No. 43 of 2013)



4. Future ready infrastructure:

A modern and sustainable campus is the foundation of a world-class university. Our plan includes strategic infrastructure investments, technology upgrades, laboratory modernization, and environmentally friendly campus development. This will not only enhance the learning environment but will also reflect our commitment to sustainability. The university will

- Identify and address immediate infrastructure gaps through a comprehensive audit.
- Invest in modernizing laboratories, classrooms, and campus facilities.
- Establish a timeline for infrastructure improvements with a focus on sustainability.

Infrastructure strengthening

Academic and Research	Classrooms and laboratories Upgradation and expansion	Library Resources Digital and online resource to be strengthened	COE / Research Establishing Centers of Excellence
IT Support	Internet and Network Speed, Strength and Reach	LMS and Software Upgradation and Procurement	Hardware Capacity, contemporary and cloud
Student Support	Hostels Upgradation and increasing capacity and type	Amenities Matching the student expectations	Placement Go Global and 100% placement

📍 JSS Technical Institutions Campus, Mysuru - 570 006, Karnataka, India.

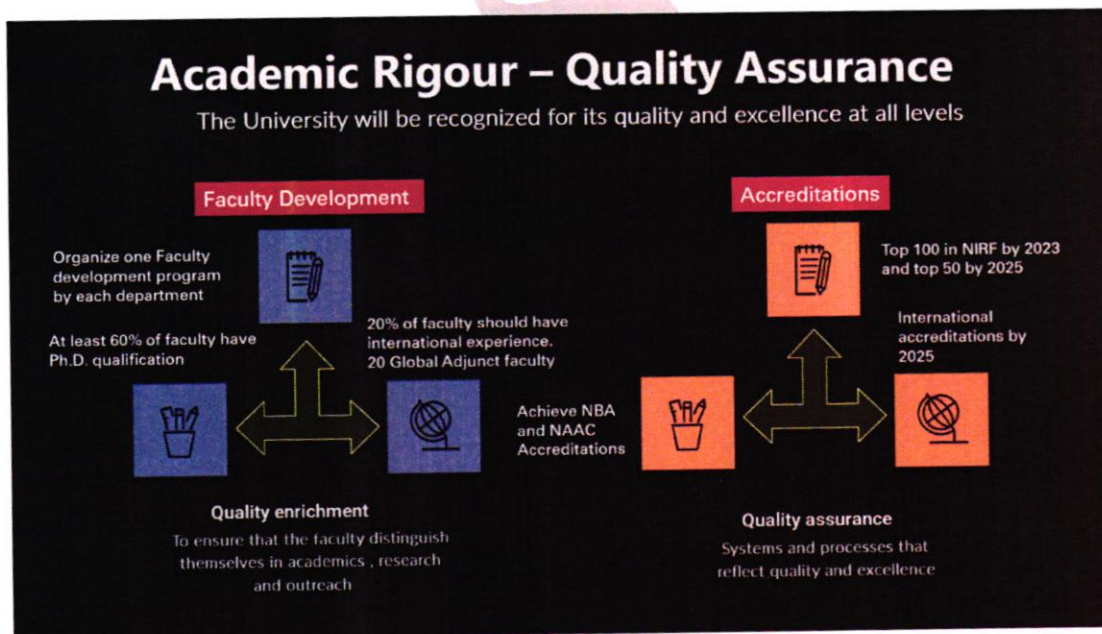
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5. Dynamic Stakeholder-Centric Approach:

Our commitment to students and stakeholders goes beyond the classroom. We propose a robust student support system, including career counseling, mentorship programs, and increased extracurricular and co-curricular activities. Internship opportunities and industry partnerships will be expanded to provide real-world exposure, ensuring our graduates are academically sound and industry-ready. Thereby, our industry partners are also satisfied.

6. Quality Assurance:

A rigorous quality assurance mechanism will be implemented to maintain our standards of excellence. Regular assessments, accreditations, and a culture of continuous improvement will ensure that our academic and administrative processes align with global benchmarks. Periodic Academic and administrative audits will be pursued to maintain and improve the quality, efficiency, and reputation of JSS STU. Standard ISO certifications – ISO 14001:2015 - Environment Management System (EMS) and ISO 21001:2018 - Educational Organization Management System (EOMS) will be obtained, ensuring alignment with established standards and best practices in higher education





7. Community Engagement:

A university is an invaluable part of the community it serves. It can bring people together and create a sense of shared purpose. The university proposes exciting initiatives such as community service projects and outreach programs to promote social responsibility. By building stronger ties with local businesses and NGOs and involving alumni in its journey, the university can create a support network that benefits the institution and the wider community. Together, we can positively impact and make a brighter future for everyone.

8. Monitoring and Evaluation:

The university will –

- Establish a robust system for monitoring the progress of the perspective plan.
- Regularly review and update the plan based on feedback and changing circumstances.
- Implement Key Performance Indicators (KPIs) for various aspects of the university's functioning.

This short-term perspective plan aims to lay a solid foundation for JSS Science and Technology University to attain its stature as a leader in education and research. It provides a framework that can be modified based on specific needs and priorities, ensuring a dynamic and adaptive approach towards continuous improvement. It is a commitment to excellence, innovation, and the holistic development of our students. As the University embarks on this transformative journey, it invites the entire JSS STU community – faculty, students, staff, and alumni – to participate actively and contribute to realizing its collective vision.