

RESPONSE SHEET

Details		Weightage
Criterion	7 - Institutional Values and Best Practices	100
Key Indicator	7.2 Best Practices	30
Metric	7.2.1 Describe two Best practices successfully implemented by the Institution as per the NAAC format provided in the Manual (QLM)	30
Website Link: https://naac.jssstuniv.in/#/naac		

Best Practice 1**Title of the practice**

Entrepreneur Development and Graduate Employability (EDGE)

Goal

In pursuit of excellence, JSS Science and Technology University strives to adopt best practices beyond conventional teaching methodologies. It has consistently demonstrated a commitment to fostering Entrepreneurship Development and Graduate Employability, making it a beacon of innovation and academic excellence. One of the standout best practices that exemplify this commitment is the establishment of the SJCE - STEP (Science and Technology Entrepreneurs Park) as early as 1985, underscoring the institution's foresight and dedication to nurturing entrepreneurial talent. Furthermore, the institution's foresight is evident in establishing NAIN (New Age Innovation Network), a testament to its commitment to staying at the forefront of technological advancements. Creation of an Institution Innovation Council further solidified our commitment to creating a holistic ecosystem for students, startups, and industry players.

The Context

The seamless integration of students, startups, and industry within the JSS Science and Technology University's ecosystem – '**Entrepreneurship Development and Graduate Employability (EDGE)**' – is a testament to our unwavering commitment to shaping

the future of education and contributing significantly to the socio-economic landscape and substantiates that this institution's EDGE program as a best practice.

The Practice

Ecosystem Units:

1. SJCE - Science & Technology Entrepreneurs Park (SJCE-STEP):

SJCE-STEP serves as a pioneering platform that not only provides invaluable resources for aspiring entrepreneurs but also cultivates an ecosystem conducive to the growth of startups and the integration of academia with the industry. The Park has become a crucible for innovation, encouraging students to transform their ideas into viable businesses, thereby contributing to the region's socio-economic development and beyond.

- a. SJCE-STEP is a pivotal component of the EDGE program, focusing on equipping students with the skills and mindset needed for entrepreneurship. It has a Student Training for Entrepreneurial Promotion.
- b. Practical training modules, workshops, and business simulation exercises are integrated into the curriculum, fostering a culture of entrepreneurship.
- c. It offers the NIDHI PRAYAS scheme, Startup India seed fund scheme, and ACCELEROPRENEUR, an accelerator program for promising startups. Over 5000 students were impacted and benefitted.
- d. Venture X a student run Entrepreneurship Cell - an invaluable platform for entrepreneurs to build startups and spread awareness of the startup culture to the public. It promotes holistic growth by providing an entrepreneurial ecosystem, thus leading to exponential growth and successful startups
- e. SJCE- STEP ties together a rich ecosystem of Innovators, Entrepreneurs, R&D, government policymakers, investors, venture firms, mentors, industry experts, and like-minded partners to foster innovation and entrepreneurship to create value.



Registrar

- f. Students experience entrepreneurial vibrancy through the activities of SJCE-STEP. Avishkaar 1.0- intra-campus competition; Mysuru Start-up Pavilion- over 1000 beneficiaries- the platform for startups in Mysuru to connect with investors, showcase their innovations, and gain insights; and an Outbound Camp - A transformative leadership boot camp

2. New Age Innovation Network (NAIN):

NAIN acts as a dynamic hub that bridges the gap between academia and industry, fostering collaboration and ensuring that the curriculum remains aligned with the evolving needs of the job market. This symbiotic relationship between education and industry has enhanced our graduates' employability and led to groundbreaking research and development.

- a. The university's NAIN project facility provides students a platform to explore and implement innovative ideas.
- b. Through mentorship programs and access to a network of industry experts, NAIN catalyzes innovative entrepreneurial thinking among students.
- c. Ten start-up idea projects are funded, and 35 students have successfully tested their start-up ideas.
- d. Entrepreneurship boot camps to foster required skills – workshop on idea generation and development, generate a start-up idea and develop into proof of concept – 3 boot camps conducted, and 800 students benefited.
- e. Create opportunities for student to obtain real-time industrial experience to design their entrepreneurial ideas.

3. Institution's Innovation Council (IIC):

This council acts as a catalyst for fostering innovation, providing a structured platform for ideation, mentorship, and collaboration. By seamlessly integrating academia, startups, and industry, we have created an environment where

groundbreaking ideas are nurtured and students are empowered to become job-seekers and creators.

- a. Another well-implemented initiative - IIC plays a crucial role in fostering a culture of innovation and entrepreneurship within the institution.
- b. Regular ideation sessions, hackathons, and innovation challenges organized by IIC encourage students to think creatively and develop solutions with real-world applications – over 4000 students have benefited during the last 5 years.

Integration of Initiatives:

1. Curriculum Integration:

- o EDGE seamlessly integrates the initiatives of NAIN, STEP, and IIC into the curriculum, ensuring that entrepreneurial principles are woven into the fabric of education.
- o Courses and projects are designed to encourage students to identify problems, innovate solutions, and develop the entrepreneurial acumen needed for the real world.

2. Cross-Disciplinary Approach:

- o The institution recognizes that entrepreneurship is not limited to business schools. EDGE adopts a cross-disciplinary approach, allowing students from various academic backgrounds to collaborate on entrepreneurial projects.
- o This holistic approach ensures that graduates possess a diverse skill set, making them well-rounded entrepreneurs.

3. Mentorship Programs:

- o EDGE leverages the mentorship networks established through NAIN to provide students with guidance from experienced entrepreneurs and industry leaders.



- Mentorship is a cornerstone of the program, offering students valuable insights, advice, and networking opportunities critical for entrepreneurial success.

Achievements:

1. Startup Incubation Success:

- The EDGE program has facilitated the incubation of several successful startups, demonstrating the practical application of entrepreneurial skills acquired by students.
- These startups, nurtured within the institution, contribute to the local and global entrepreneurial ecosystem.

2. Recognition and Awards:

- The institution's commitment to entrepreneurship through EDGE has been recognized with accolades and awards in innovation and education.
- Such recognition enhances the institution's reputation and attracts entrepreneurial-minded students seeking a nurturing environment.

3. Alumni Entrepreneurial Ventures:

- Alumni of the institution have established thriving entrepreneurial ventures, showcasing the long-term impact of the EDGE program.
- Alumni success stories serve as inspiration for current students and validate the effectiveness of the institution's approach to entrepreneurship education.

Integrating NAIN, STEP, and IIC into the EDGE program exemplifies the university's commitment to fostering entrepreneurship and innovative thinking among its faculty and students. This comprehensive approach, which goes beyond traditional academic boundaries, distinguishes the institution as a leader in graduate education that prepares students for the challenges and opportunities of the entrepreneurial landscape. The tangible achievements, recognition, and success stories substantiate that the EDGE program is indeed a best practice, positioning the University at the forefront of innovative education.

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BEST PRACTICE-2

Title of the Practice

Empowering Education for a Sustainable World: A Holistic Approach

Goal

In the dynamic landscape of education, JSS Science and Technology University's unwavering commitment to "Empowering Education for a Sustainable World" emerges as a beacon of innovation and responsibility.

The Context

This best practice is meticulously crafted through a multifaceted approach, incorporating curriculum integration, interdisciplinary learning, strategic partnerships, campus sustainability initiatives, measurable outcomes, student-led projects, and national recognition.

The Practice

1. Curriculum Integration:

The University takes a pioneering step by systematically infusing sustainability principles into the fabric of each discipline. This ensures that every student, regardless of their major, understands the critical role sustainability plays in their respective fields.

2. Interdisciplinary Approach:

Adopting an interdisciplinary approach fosters collaboration among diverse academic departments, uniquely positioning the institution to address complex sustainability challenges. Over 20% of courses embody this interdisciplinarity, fostering a holistic learning experience that prepares students for real-world problem-solving.



3. Sustainability-Focused Courses:

Dedicated courses on environmental science, social responsibility, and sustainable business practices exemplify the institution's commitment to comprehensive education. These courses equip students with specialized knowledge, empowering them to be catalysts for positive change.

4. Partnerships with Sustainability Organizations:

Strategic collaborations with renowned sustainability organizations and NGOs extend beyond theoretical learning, providing students with invaluable real-world exposure and hands-on experience in sustainable projects. Memorandums of Understanding (MoUs) with prominent industries offer students a unique chance to engage actively in sustainability initiatives.

5. Campus Sustainability Initiatives:

The institution practices what it advocates by implementing sustainable projects on campus, including waste reduction, energy conservation, and green infrastructure initiatives. This tangible commitment to sustainability serves as a living example for students and the wider community.

6. Measurable Outcomes:

A commitment to data-driven decision-making ensures the effectiveness of sustainability initiatives. The University systematically collects and analyzes data on reduced carbon footprint, energy efficiency gains, and advancements in waste management, providing tangible evidence of its impact.

7. Student-Led Sustainability Projects:

By empowering students to take the lead, the institution fosters a culture of innovation and responsibility. Supporting and funding student-led sustainability projects enriches

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their academic experience and instills a sense of ownership and responsibility for the future.

8. National Recognition and Awards:

The institution's dedication to empowering education for a sustainable world has not gone unnoticed. Recognition and awards from sustainability-focused organizations, accrediting bodies, and government agencies validate the approach's effectiveness, positioning the university as a trailblazer in sustainable education.

In conclusion, JSS Science and Technology University's holistic approach to "Empowering Education for a Sustainable World" transcends traditional boundaries, actively contributing to building a sustainable future. Through continuous improvement, collaboration, and a relentless pursuit of excellence, the institution serves as a model for others seeking to integrate sustainability into their educational practices.

Website Link : [Link1](#) [Link2](#) [Link3](#)



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