



‘येथे ब्रह्मांचे हित ।’

Marathwada Mitramandal's
INSTITUTE OF TECHNOLOGY
Lohgaon, Pune-411047
Accredited with 'A' Grade by NAAC

Criterion 7

7.2. Best Practices

Best Practice – I

1. Title of the Practice – ‘ Promoting Social Activities ’

2. Objectives

- To develop a sense of social and civic responsibility.
- To make students aware of and sensitive to the needs and feelings of others and express their own in acceptable ways.

3. The Context

The Institute has a functional National Service Scheme(NSS) unit which carries out various social activities. Students acquire an understanding of and responsibility for their social, physical, and natural contexts by working independently and collectively for the benefit of people, communities, and the environment. They are conscious of their choices, activities, and environmental footprint. They support change and take the initiative to make it happen.

4. The Practice

1. The NSS unit organizes various social activities throughout the year. NSS volunteers strive for society's well-being. These social activities emphasize the concept that individual welfare depends on society's welfare. Apart from NSS, the institute conducts various other social activities.
2. Uniqueness of NSS in the Indian higher education system is its emphasis on active student participation. NSS provides a platform for students to actively engage in addressing social issues and contribute to the development of the community. It encourages students to think beyond academics and fosters a sense of social responsibility and empathy.
3. The NSS unit adopted a village and every year a seven-day residential special camp is organized. Students contribute to the village development in consultation with the local authorities. Apart from NSS, various social activities are conducted. NSS activities encompass a wide range of areas, including education, health, sanitation, rural development, environmental conservation, and awareness campaigns on various social issues. This diverse scope allows students to choose activities aligned with their interests and passion, enabling them to make a meaningful impact in their communities.

5. Evidence of success

The major outcomes are

- **Personal Growth:** NSS fosters personal development by instilling values such as empathy, compassion, and social responsibility, leading to a more mature and socially conscious individual.
- **Leadership Skills:** Engaging in NSS activities often provides opportunities for students to take on leadership roles, enhancing their leadership and organizational skills.
- **Community Engagement:** NSS encourages students to actively participate in community development projects, helping them become more connected and engaged citizens.
- **Problem-Solving Abilities:** NSS projects often involve addressing real-life community challenges, allowing students to develop problem-solving and critical-thinking skills.
- **Cultural Sensitivity:** Interaction with diverse communities and cultures during NSS activities promotes cultural sensitivity and understanding among students.
- **Gender Sensitization:** Fosters awareness and understanding of gender-related issues, promoting respect, equality, and inclusivity for all genders.
- **Social Networking:** NSS provides a platform for students to build a strong social network, including fellow students and community members, which can be valuable for personal and professional growth.

6. Problems Encountered and Resources required

- An intensive academic schedule limits spare time.
- Constraints such as limited resources, varying student participation, short program duration, and community collaboration challenges need to be addressed to further enhance the impact and reach of NSS initiatives.

Best Practice: 2

1. Title of the Practice: Enriching teaching-learning process

2. Objectives of the Practice:

- To make learning more interactive and dynamic, promoting deeper understanding and knowledge retention among students.
- To align education with industry needs.
- To empower faculty members with rapidly changing technology skills, innovative pedagogical approaches, and the ability to effectively integrate technology into teaching.

3. The Context

To educate students for industry demands and to nurture natural interests and aptitudes, the Institute combines a student-centric teaching learning approach as well as holistic student development. The institute supports learner-centric education by incorporating cutting-edge ICT technologies into immersive, participatory, and problem-based learning approaches. This promotes effective and self-directed learning.

4. The Practice

The major outcomes are

1. Digital Tools and Platforms : Enhancing teaching and learning through digital technology integration is a multifaceted endeavor. It encompasses several critical elements to drive improvements in education quality and relevance. Utilizing platforms like Google Meet and Google Classroom is integral to creating a digital learning ecosystem. These platforms facilitate online classes, collaboration, and content sharing.
2. Infrastructure Enhancement: Upgrading infrastructure with audio-video systems, smart boards, and ERP systems is essential. This not only modernizes the learning environment but also bridges the infrastructure gap, ensuring that remote students have access to the same quality education.
3. Interactive Learning: The focus on interactive learning involves leveraging multimedia content, simulations, and virtual labs. These tools make learning engaging and immersive, fostering active participation among students.
4. Faculty Development: Equipping faculty members with rapidly evolving technology knowledge and innovative teaching methods is pivotal. Faculty development programs empower educators to effectively integrate technology into their teaching practices.
5. Alignment with Industry Needs: Adapting the education system to align with industry requirements is crucial. This approach ensures that students graduate with relevant digital skills and practical knowledge, facilitating a smoother transition from academia to the workforce. Collaboration with industry experts further enriches the learning experience by bringing real-world perspectives into the classroom.

5. Evidence of Success

- Upskilling, proficiency enhancement of faculty and students.
- In-house design and fabrication of ATV and go-kart vehicles
- Increment in placement opportunities and placement rate
- Notable increase in the enrollment of students in add-on courses.
- Significant rise in the number of internships.
- Increase in e-content development specially during Covid-19
- Online visibility and outreach via channels like YouTube
- Participation in the Swayam initiative for the Indian Knowledge System to aid in the production of regional language e-content.

6. Problems Encountered and Resources Required

- Maintaining updated multimedia content and aligning curricula with rapidly evolving industry needs pose difficulties.
- Challenges in technical field internships often include finding suitable industry placements that offer meaningful hands-on experience and align with students' academic goals.

Principal



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