



Best Practice: 1

Enrichment of Academic Excellence through Continuous Learning for Students and Faculty

Objectives:

1. To improve academic excellence by promoting research culture, continuous learning, and innovative teaching and learning practices among students and faculty.
2. To bridge the gap between academic curriculum and industry requirements through multidisciplinary, value-added, skill-oriented programmes and active participation in professional bodies.
3. To improve student learning outcomes, employability, confidence, communication skills, and lifelong learning abilities through experiential and self-learning ecosystems.

Context:

The Rapid technological advancements and constantly changing industry expectations have left a huge gap among the skills possessed by the graduates, as traditional curricula often lack sufficient practical exposure, soft skills training, and industry-relevant competencies. To address these issues, the institution actively supports and promotes departmental associations and student clubs as platforms for continuous learning, academic enrichment, and skill development. These forums facilitate regular organization of guest lectures, workshops, seminars, hands-on training, competitions, peer learning sessions, and interdisciplinary activities, thereby complementing the curriculum. Faculty members mentor these activities to enhance subject understanding, research orientation, innovative thinking, leadership qualities, and professional competencies among students, while simultaneously fostering collaborative learning, pedagogical innovation, and academic growth among teachers.

Practice:

For Faculty

- Encouragement and supports faculty in pursuing higher education
- Provides financial support for online certification courses, MOOCs (SWAYAM, NPTEL), Faculty Development Programmes (FDPs), workshops, conferences, and certifications aimed at professional growth.
- Establishment of K S Research and Innovation Foundation (KSRIF) - Research Capacity Building through training in research methodology, IPR, publication ethics, and grant writing.
- Facilitates short-term industry internships for faculty to enhance practical exposure.

For Students

- Organizes hackathons, ideathons, Guest Lectures, Workshops, and Seminars by academicians and industry experts.
- Research and Innovation Exposure through student projects, paper presentations, and participation in national/international conferences.
- ICT-Enabled Learning using MOOCs (SWAYAM, NPTEL), and digital resources.
- Soft Skill and Personality Development Programmes includes communication skills, aptitude training, interview skills, resume writing, and group discussion.
- Promotes professional engagement among students through well-established student chapters of reputed professional bodies such as IEEE, Women in Engineering (WIE), Computer Society of India (CSI), Indian Institute of Foundrymen (IIF), Institution of Engineers (India) [IEI], among others. All students admitted to KSIT are encouraged and facilitated to enroll as members of one or more of these professional bodies.
- Recognizes and awards students who have secured the highest marks, VTU ranks and external research funding for their outstanding academic achievements

Evidence of Success

- **NAAC Accreditation:** Cycle II (2024) accreditation grade improved from B⁺⁺ to A⁺
- **NBA Accreditation:** Second Cycle achieved in 2024, accreditation has been extended for 3 years
- **Autonomous:** Achieved in 2025
- Growth of Ph.D. holders, Research Scholars and Research guides
- Growth in research publications, student projects & Publications
- Recognition of faculty and students through awards, certifications for academic achievements
- Recognize the teaching and non-teaching faculties who completed 10 years of service in the institution
- Appreciate the faculty for getting 100% result
- Faculty/student participation in online certification courses MOOCs, Conference and FDPs
- Enhanced student performance in internships, projects, and research activities.
- Organised hackathons, ideathons, Guest Lectures, Workshops, and Seminars by academicians and industry experts through professional bodies
- Regular placement training initiatives are organized to equip students with industry-relevant skills, communication skills, aptitude training, interview skills, resume writing, and group discussion.

Problems Encountered and Resources Required

- Scheduling programmes alongside regular activities.
- Differences in student skill levels and pacing.
- Financial constraints in pursuing courses for advanced certification.
- Partnership with industries, professional associations, and training organizations.

Best Practice: 2

Community Engagement through National Service Scheme (NSS) for Social Responsibility and Sustainable Development

Objectives:

1. To inculcate social responsibility, empathy, and civic consciousness among students through active community engagement.
2. To sensitize students to key societal issues such as health, hygiene, gender equity, environmental sustainability, and literacy.
3. To encourage hands-on and service-based learning by involving students in community development and nation-building activities.
4. To build leadership, teamwork, and problem-solving skills among NSS volunteers while strengthening institution–community partnerships.

Context:

Institutions play a key role in shaping socially responsible citizens, but classroom learning alone is not enough to address real-world challenges faced by rural and semi-urban communities. These issues include low health awareness, poor sanitation, environmental damage, digital illiteracy, and social inequality. At KSIT, the National Service Scheme (NSS) has a strong presence. It uses a structured approach to community engagement, combining social service with experiential learning to support the overall development of students while addressing local community needs.

Practice:

- NSS volunteers join in their first year and actively participate until they graduate.
- **Health and Hygiene Awareness Programmes:** Blood donation camps, health check-up camps, menstrual hygiene awareness, anti-tobacco and anti-drug campaign.
- **Environmental Sustainability Initiatives:** Tree plantation drives, campaigns for a plastic-free campus, and cleanliness drives (Swachh Bharat Abhiyan), along with water conservation education.
- **Social Awareness Campaigns:** Road safety, voter awareness, gender sensitization, legal literacy, and digital literacy programmes.
- **Adoption of Villages/Slums:** Volunteers make regular visits to adopted areas for interventions, such as sanitation efforts, school support, and awareness sessions.
- **National and International Observance Days:** Activities are organised around NSS Day, World Environment Day, International Yoga Day, Gandhi Jayanti, Independence Day, Republic Day, Kannada Rajyotsava, Constitution Day, Teachers' Day, and Engineers' Day, thereby fostering civic consciousness and national integration.

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- **Special Annual Camps:** Seven-day residential camps focusing on rural development, personality development, and community problem-solving.

All activities are conducted under the guidance of trained NSS Programme Officers, with collaboration from local NGOs, health departments, and civic bodies.

Evidence of Success

- A significant number of students actively register as NSS volunteers each year.
- Community members, local authorities, and partner organizations provide positive feedback.
- Various programs have been organized under the Unit.
- Participants receive recognition through certificates and appreciation letters.
- Involved students demonstrate improved soft skills, leadership qualities, and social awareness.

Problems Encountered and Resources Required

- Limited time due to academic schedules.
- Insufficient financial resources for large-scale activities.
- Logistical issues in rural and remote areas.
- Financial support from the institution and grants from funding agency.



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