

Shri Swami Vivekanand Shikshan Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR (AUTONOMOUS)
Department of Computer Science

Perspective Plan: Academic Year 2018-19 to 2022-23

Academic Indicators:

1. **Curriculum Enhancement:** Update and align the curriculum with industry standards to ensure students receive cutting-edge knowledge and skills.
2. **Quality Teaching:** Emphasize faculty development programs, workshops, and training sessions to enhance teaching methodologies and ensure a high-quality learning experience for students with the help of digital teaching learning along with traditional teaching learning.
3. **Industry Collaboration:** Foster partnerships with leading local and regional industries to facilitate internships, guest lectures, live projects, real-world projects, bridging the gap between academia and industry.

Research Indicators:

1. **Research Output:** Encourage faculty to publish research articles in reputed Scopus, SCI, SCIE journals and present at conferences, aiming for a steady increase in research publications and citations and also encourage to draft patents in various fields.
2. **Research Grants:** Actively pursue external research funding to support faculty research projects, fostering a culture of innovation and inquiry within the department.
3. **Interdisciplinary Collaboration:** Promote collaboration with other University/College departments, research institutions and other organizations to encourage interdisciplinary research initiatives.

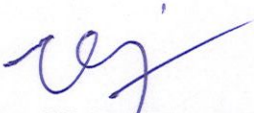
Student-Centric Best Practices:

1. **Holistic Student Development:** Implement a comprehensive student support system, including mentoring, counseling, Study/Industrial visits and organizing extracurricular activities to ensure the holistic development of students.
2. **Skill Enhancement Programs:** Introduce skill development short term courses, organize workshops, certification programs and industry-relevant training programs to equip students with practical skills in addition to theoretical knowledge.

3. **Placement Assistance:** Strengthen the placement cell to provide dedicated support for students, including resume building, interview preparation, connecting students with prospective employers, alumni of the department and by helping students to fill out on/off campus online applications of MNC's.
4. **Innovation Hub:** Establish an innovation hub within the computer department to encourage students to work on innovative projects and participate in hackathons, competitions, fostering a culture of creativity and problem-solving.
5. **Establish a Software Development Unit:** Create an in-house software development unit involving students and faculty members, focusing on developing innovative solutions that address real-world challenges.

Through the effective implementation of this perspective plan, the Department of Computer Science at Vivekanand College aims to produce well-rounded graduates equipped with the latest knowledge and skills, contribute significantly to research and provide a nurturing environment for the overall development of students.




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