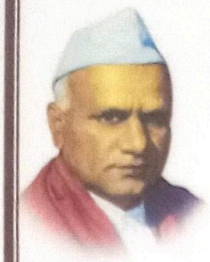

"Education for Knowledge, Science, and Culture"
- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur (Autonomous)

KOLHAPUR (AUTONOMOUS)

Department of Electronics

Perspective plan for academic years: 2023-28

Sr. No	Key Focused Area	Perspective plan
1	**Foundation Building and Curriculum Development**	**1. Curriculum Review and Enhancement** • Review existing syllabus and align it with industry requirements with Academic Autonomy and NEP 2020 policy. • Incorporate Integrate emerging technologies such as Artificial Intelligence (AI), Robotics and IoT into the curriculum. • Develop inter-disciplinary subjects curriculum combining electronics with other fields like agricultural field, mechatronics etc. **2. Faculty Development** • Conduct faculty training programs to update them with the latest developments in electronics. • Encourage research participation through seed money project and publication in reputed journals. • Encourage research in futuristic areas for both faculty and students. **3. Infrastructure Development** • Ensure labs are equipped with the latest instruments and software.
2.	**Student Engagement and Enrichment**	**1. Student-Led Innovation Projects:** • Initiate a dedicated innovation hub for students to incubate and prototype their ideas. • Encourage students to participation in local, state and national innovation challenges like Avishkar

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		Competition. **2. Industry Interaction** • Arrange industry visits, internships, and seminars to bridge the gap between academic learning and real-world applications. • Create collaborations with industry experts for guest lectures and projects. **3. Skill Enhancement Programs** • Offer certification courses in futuristic skill sets demanded by evolving industries. • Encourage student projects, encouraging creativity and innovation.
3.	**Quality Improvement and Assessment**	**1. Quality Improvement and Exam Assessment** • Conduct regular assessments and examinations for quality assurance. • Encourage students and faculty to engage in research projects and publish findings. • Promote faculty to participation in national and international conferences and seminars. **2. Entrepreneurship Development** • Establish an incubation center for students interested in launching technological startups.
4	**Accreditation Preparation**	• Align the academic and administrative processes with future expected requirements. • Document all academic and non-academic activities for the accreditation process. • Audit and ensure that all infrastructure and resources meet NAAC criteria.
5.	**Community Engagement and Outreach**	• Establish collaborations and MoU with NGOs or local communities for E-waste awareness programme, Collection and dismantling. • Encourage students to work on projects that address environmental and social challenges.

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HEAD
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