Vivekanand college Kolhapur (Autonomous)

Department of Foundry Technology (B. Voc.)

Perspective Plan for Academic Years: 2023-28

Sr. No.	Key Focused Area	Perspective Plan
1	Foundation Building and Curriculum Development.	**1. Curriculum Review an Announcement** • Review existing syllabus to align it with industry requirements with Academic autonomy and NEP 2020. • Develop multi-disciplinary curriculum combining Casting Production Development, Design and metallurgy. **2. Faculty Development** • Conduct faculty training programs to update the faculties with the latest developments in foundry technology. • Encourage students and faculties. to involve in the research of advanced foundry techniques to address various problems. **3. Infrastructural Development** • Ensure labs are equipped with latest instruments and software.
2	Student Engagement and Enrichment	**1. Student Support Services** • Introduce mentorship programs to support academic and personal growth.

		• Encourage students to diversify their career in different fields of foundry industries. **2. Industry interaction.** • Arrange industrial visits, internships and seminars to interlink the academic learning and actual industry practices. • Create collaborations with industry and industry experts for guest lectures and projects **3. Skill enhancement programs.** • Offer certification courses in Non-destructive testing by involving industrial experts
3	**Quality Improvement and Assessment**	**1. Quality Improvement and Examination Assessment** • Conduct a regular assessments and examinations for quality assurance. • Encourage students and faculties to engage in the research projects and publish research findings. • Promote faculty to participate in national and international conferences and seminars. **2. Entrepreneurship Development** • Create an incubation center aimed at motivating students to launch their own foundry or associated businesses.
4	**Accreditation Preparation**	• Ensure compliance with NAAC guidelines and standards. • Document all academic and non-academic activities for the accreditation process.
5	**Community Engagement and Outreach.**	• Establish collaborations and MOU's with local Foundry communities to keep the department updated with latest Industry practices.

		• Engage students to promote awareness of local environmental issues and foundry-related pollution, aiming to cultivate social consciousness within the industrial community.

HEAD
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