



VASANTDADA SUGAR INSTITUTE
Manjari (Bk), Tal: Haveli, Dist: Pune-412307, Maharashtra
DEPARTMENT AND BRIEF INFORMATION

Criterion IV
Infrastructure and Learning Resources

4.1.1 Physical Facilities

4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution

Department Details

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Wine, Brewing & Alcohol Technology

The Department of Alcohol Technology & Biofuels was established in 1984 and is engaged in academic, research & development activities along with extension services in areas of alcohol production, biofuels and distillery effluent treatment systems. Department of Alcohol Technology and Biofuels, is aiming to be a globally recognized R&D organization in the area of alcohol technology, biofuels & byproducts. In future there is need of a paradigm shift from conventional sugar, cogeneration & ethanol-based sugar complex to a Biorefinery based complex where not only sugar & 1G ethanol will be produced but biofuels, biochemical & other value-added products will be produced from sugars. Highly resourceful experts from the Institute consistently striving to discover growing innovative scientific, technological development for upgrading modern skills, talent and potential of human resource through dynamic training modules to cater to the educational and training requirements of sugar and allied industries to flourish their growth.



WINERY & BREWERY FACILITY FOR STUDENT


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The Department offers regular postgraduate course in M.Sc. (Wine, Brewing and Alcohol Technology), affiliated to the Savitribai Phule Pune University (SPPU), Pune. Department has state of art set up of pilot scale winery & nano brewery unit for hands on training to the students. Students are actively involved in utilization of Research facilities of the department for their practical and in-plant training course activity.



NANO BREWERY UNIT


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SENSORY EVALUATION TRAINING/ PRACTICAL

As a part of course curriculum students are involved for wine and brew making activities. In pilot winery unit students are specially trained for process optimization, recipe formulation, process troubleshooting and sensory perception of wine, beer & other IMFL samples. The students are recruited in various breweries, distilleries, wineries and bottling units across India.


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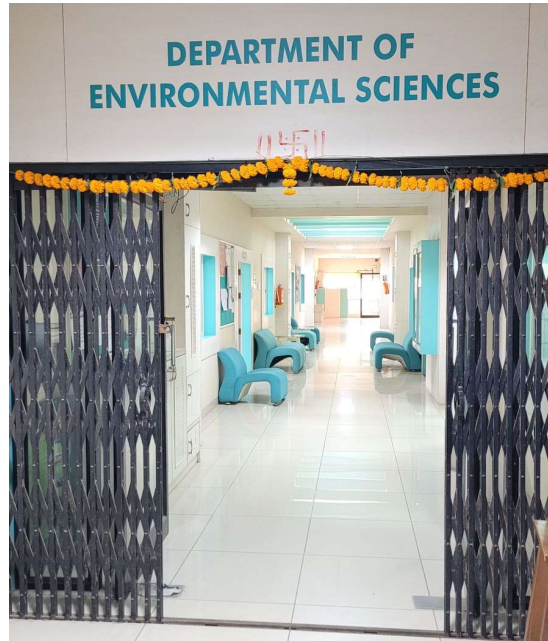




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DEPARTMENT OF ENVIRONMENT SCIENCES

The department of environmental sciences seeks to foster this understanding through research, teaching/training and consultancy work. The department aims to assist by the sugar and distillery industry in overcoming the environmental problems faced by them by empowering future environmental managers through education and by conducting research, consultancies and outreach programs with direct implications for environmental management in this sector. The teaching and training programs provide strong preparation for (1) employment in various environmental fields, (2) a focus on the reasoning, analysis and management skills that involve environmental processes; and (3) solutions to environmental problems through in-depth training in theory and applications.



The department offers M.Sc. program in Environmental Sciences affiliated to Savitribai Phule Pune University with intake capacity of 24 students. Department provides excellent facilities to M.Sc. students. Students are placed at industries, consultancies, NGO's, government and semi government organizations, research institutes, colleges etc.


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DEPARTMENT OF ENVIRONMENTAL SCIENCES RESEARCH FACILITY




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RESEARCH AND STUDENT PRACTICAL FACILITY


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