

Environmental Science Lab

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The Environmental Science Lab is designed with a goal of laboratory experiences which include enhancing mastery of environmental science subject matter, developing scientific reasoning abilities, increasing understanding of the complexity and ambiguity of empirical work, developing practical skills, increasing understanding of the nature of environmental science, cultivating interest in learning, and improving teamwork abilities. Apart from this it will make students familiar with the environmental issues around us. The environment that we see and feel around is being polluted not only in our immediate surroundings but also on a national and global scale. Large scale deforestation, anthropogenic influence on atmospheric conditions, pollutions in every form, and many more have not only endangered the environment, but also have threatened human and animal lives. The practical's would enable students to be aware of and to learn about the experiment with correlations to state and national environmental standards.

Students get hands on experience and perform laboratory work in identifying and analysing different environmental problems related with air, water pollution, soil and various environmental degrading parameters. Furthermore, students will learn about the impacts related to both surface and ground water pollution. Students perform an experiment on acid and base reaction, water quality, air pollution, toxic analysis, and nutrient analysis. Students learn how to write a lab report, analyse and interpret chemical analysis. The lab is equipped with various equipment's and facilities required for water and soil analysis. Presently having pH meter, Conductivity meter, COD Digester, Flame Photometer, electronic weighing balance, Rotary Shaker and Water bath etc.,

Each one of us including you plays a vital role in influencing a change in our environment. The lab will help us create promising conservationist of nature—a common wealth of the entire humanity.