

<b>Course title:</b> Environmental Monitoring Laboratory			
<b>Course code:</b> NRE 138	<b>No. of credits:</b> 3	<b>L-T-P:</b> 15-0-60	<b>Learning hours:</b> 75
<b>Pre-requisite course code and title (if any):</b> Fundamental Knowledge of Elementary Chemistry			
<b>Department:</b> Natural and Applied Sciences			
<b>Course coordinator:</b> Dr Chandrashekhar Azad Vishwakarma		<b>Course instructor:</b> Dr Chandrashekhar Azad Vishwakarma	
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<b>Course type:</b> Core		<b>Course offered in:</b> Semester 1	
<p><b>Course Description</b></p> <p>The course is designed to develop sampling and analytical skills of the students which are required in environmental monitoring. Through this course, the students will be able to perform quantitative analysis of various physical, chemical and biological parameters involved in water, air, soil and microbiology research. The students will be exposed to various standard protocols used in environmental monitoring. This course will serve as foundation course for all the advance courses offered in subsequent semesters. The course will also be giving an opportunity to the students to learn the theory and to develop their practical skills to use the contemporary tools and techniques required for environmental impact assessment.</p>			
<p><b>Course objectives</b></p> <ol style="list-style-type: none"> <li>1. The course is designed to develop sampling and analytical skills of the students which are required in environmental monitoring</li> <li>2. The students will be exposed to various standard protocols used in environmental monitoring.</li> </ol>			