

Course title: Environmental Management System			
Course code: NRE 133	No. of credits: 4	L-T-P: 42-18-0	Learning hours: 60
Pre-requisite course code and title (if any):			
Department: Natural and Applied Sciences			
Course coordinator: Dr Amit Singh		Course instructor: Dr Amit Singh	
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Course type: Elective		Course offered in: Semester 3	
<p>Course Description</p> <p>As the concept of curbing pollution changes from end-of-pipe solutions to pollution prevention, it becomes vital for students to become acquainted with the complex and trans-disciplinary nature of environmental management issues specially in a corporate setting and of the inherent challenges in multi-disciplinary group approaches. Students are then introduced to the wide range of tools used in environmental management and for environmental decision-making. To conclude the course, the evolution of environmental management from being a side issue for firms to becoming a core issue and newer approaches are discussed so that firms practice sustainable management is discussed.</p>			
<p>Course objectives</p> <ol style="list-style-type: none"> 1. Understand environmental management system (EMS) definitions, concepts, and guidelines and requirements of the ISO 14001 standard 2. Understand the stages of EMS implementation, learn best practice techniques, apply environmental-management principles to achieve continual improvement in an organization 3. To provide a basic understanding of various tools and techniques such life cycle assessment, environmental audits, evaluation of environmental performance for environmental decision-making 			