

<b>Course title:</b> Project Management			
<b>Course code:</b> NRG 103	<b>No. of credits:</b> 3	<b>L-T-P:</b> 30-15-0	<b>Learning hours:</b> 45
<b>Pre-requisite course code and title (if any):</b>			
<b>Department:</b> Department of Natural and Applied Sciences			
<b>Course coordinator:</b> Dr Ayushi Vijhani		<b>Course instructor:</b>	
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<b>Course type:</b> Core		<b>Course offered in:</b> Semester 1	
<p><b>Course Description</b></p> <p>The objective of this course is to make the students familiar with the entire life cycle of projects; Planning, Execution and Operation. This would help students prepare themselves for the working in various projects right from conceptualization to delivery. It would help optimize usage of country's resources on various projects; especially in infrastructure domain.</p> <p>This course guides students through fundamental project management concepts and behavioral skills needed to success-fully launch, lead, and realize benefits from projects in profit and nonprofit organizations. Successful project managers skillfully manage their resources, schedules, risks, and scope to produce a desired outcome. In this course, students explore project management with a practical, hands-on approach through lectures and class exercises. Special attention is given to explain the concepts based on the past experiences of the instructor.</p> <p>It emphasizes that project management is a professional discipline with its own tools, body of knowledge, and skills.</p>			
<p><b>Course objectives</b></p> <ul style="list-style-type: none"> <li>• Understand project management design, development, and deployment</li> <li>• Use project management tools, techniques, and skills</li> <li>• Employ strategies to address the ubiquitous issue of resistance to change</li> <li>• Align critical resources for effective project implementation</li> <li>• Understand the implications, challenges, and opportunities of organizational dynamics in project management</li> <li>• Identify and use key performance metrics for project success</li> <li>• Understand how to manage project cost, quality, and delivery</li> <li>• Engage and lead effective project management teams in your organization</li> <li>• Impart project management knowledge, tools, and processes to your colleagues</li> <li>• Recognize and mitigate the early seeds of failure in the project lifecycle</li> </ul>			