

Course title: Energy Project Management			
Course code: DSE 115	No. of credits: 3	L-T-P: 40-05-00	Learning hours: 45
Pre-requisite course code and title (if any):			
Department: Sustainable Engineering			
Course coordinator: Dr. Sapan Thapar		Course instructor(s): Mr. Ankit Narula	
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Course type: Core		Course offered in: Semester 2	
Course description The course is designed to provide an insight to students on various aspects of energy management, encompassing electric (power, renewables) as well as non-electric sectors (coal, oil, gas). Students will be exposed to the various stages of an energy project (pre-implementation to completion), its techno-commercial assessment, contract management, besides the different procurement cum pricing options. They shall further be acquainted with green finance and the enviro-social aspects of energy projects.			
Course objectives <ul style="list-style-type: none">▪ Understand relevance of Project Management in an energy project▪ Learn about project lifecycle stages▪ Undertake Techno-Commercial Assessment▪ Learn about PPA & EPC, ESIA▪ Exposure to green finance & Project Management Techniques			

Evaluation criteria

Test 1	20%
Test 2	20%
Assignment	20%
Test 3	40%

Learning outcomes

After completing this course, students would be able to assess:

- Lifecycle/ stages of an energy project
- Techno-commercial assessment of an energy project
- Modes of energy procurement and implementation models
- Project Management techniques, including ESIA
- Sources and types of climate finance