



NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI

DEPARTMENT OF ENERGY AND ENVIRONMENT

COURSE PLAN – PART I			
Name of the programme and specialization	M.Tech Energy Engineering		
Course Title	EN 648		
Course Code	NPTEL /Certified courses	No. of Credits	3
Course Code of Pre-requisite subject(s)			
Session	January 2019	Section (if, applicable)	NA
Name of Faculty	Dr.M.Premalatha	Department	DEE
Official Email	latha@nitt.edu	Telephone No.	
Name of Course Coordinator(s) (if, applicable)			
Official E-mail		Telephone No.	
Course Type (please tick appropriately)	<input type="checkbox"/> Core course <input type="checkbox"/> Elective course		
Syllabus (approved in BoS)			
Syllabus varies according to the online course chosen by the student			
COURSE OBJECTIVES			
Objective of the course varies according to the online course chosen by the student.			
MAPPING OF COs with POs			
Course Outcomes	Programme Outcomes (PO) (Enter Numbers only)		
Outcome of the course varies according to the online course chosen by the student but is kept in pace with the programme educational objectives of the department.			

COURSE PLAN – PART II	
COURSE OVERVIEW	
This course is aimed (i) to improve the self-learning capability of students (ii) to gain knowledge in domain of his/her own self interest (iii) exposure to other international/foreign universities curriculum.	



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COURSE TEACHING AND LEARNING ACTIVITIES				(Add more rows)	
S.No.	Week/Contact Hours	Topic	Mode of Delivery		
1. Student has to choose an online course of his/her own self-interest from the list of courses offered by reputed online course providers like Coursera/NPTEL/EDX. 2. The online course opted by the student should have minimum contact hours of 15. 3. At the beginning of the semester, the online course needs to be approved by the HoD.					
COURSE ASSESSMENT METHODS (shall range from 4 to 6)					
S.No.	Mode of Assessment	Week/Date	Duration	% Weightage	
1	Completion of online course- Part I			20	
2	Completion of online course- Part II			20	
3	Assignment/Tutorial			20	
CPA	Compensation Assessment*			20	
6	Final Assessment *		2 hrs	40	
*mandatory; refer to guidelines on page 4					
COURSE EXIT SURVEY (mention the ways in which the feedback about the course shall be assessed)					
Feedback is obtained by the institute through MIS					
COURSE POLICY (including compensation assessment to be specified)					
Students are encouraged to meet in my cabin MN102, DEE main building or communicate through mail address latha@nitt.edu					
<u>COMPENSATION ASSESSMENT</u>					
Compensation assessment will be conducted only for students who miss the Tutorial on valid/genuine grounds of medical or other emergencies					
<u>ATTENDANCE POLICY</u> (A uniform attendance policy as specified below shall be followed)					
<ul style="list-style-type: none"> ➤ At least 75% attendance in each course is mandatory. ➤ A maximum of 10% shall be allowed under On Duty (OD) category. ➤ Students with less than 65% of attendance shall be prevented from writing the final assessment and shall be awarded 'V' grade. 					
<u>ACADEMIC DISHONESTY & PLAGIARISM</u>					
<ul style="list-style-type: none"> ➤ Possessing a mobile phone, carrying bits of paper, talking to other students, copying from others during an assessment will be treated as punishable dishonesty. 					



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- Zero mark to be awarded for the offenders. For copying from another student, both students get the same penalty of zero mark.
- The departmental disciplinary committee including the course faculty member, PAC chairperson and the HoD, as members shall verify the facts of the malpractice and award the punishment if the student is found guilty. The report shall be submitted to the Academic office.
- The above policy against academic dishonesty shall be applicable for all the programmes.

ADDITIONAL INFORMATION, IF ANY

FOR APPROVAL

Course Faculty M. R. Senthil CC- Chairperson N. Anand HOD N. Anand
(for)



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Guidelines

- The number of assessments for any theory course shall range from 4 to 6.
- Every theory course shall have a final assessment on the entire syllabus with at least 30% weightage.
- One compensation assessment for absentees in assessments (other than final assessment) is mandatory. Only genuine cases of absence shall be considered.
- The passing minimum shall be as per the regulations.

B.Tech. Admitted in				P.G.
2018	2017	2016	2015	
35% or (Class average/2) whichever is greater.		(Peak/3) or (Class Average/2) whichever is lower		40%

- Attendance policy and the policy on academic dishonesty & plagiarism by students are uniform for all the courses.
- Absolute grading policy shall be incorporated if the number of students per course is less than 10.
- Necessary care shall be taken to ensure that the course plan is reasonable and is objective.