DEPARTMENT OF ENERGY AND ENVIRONMENT

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI

COURSE PLAN – PART I

Name of the programme and specialization	M.Tech. Energy Engineering		
Course Title	NPTEL/CERTIFIED COURSES		
Course Code	EN648	No. of Credits	03 (3-0-0)
Course Code of Pre-requisite subject(s)	--	--	--
Session	July 2021	Section (if, applicable)	NA
Name of Faculty	Ruben Sudhakar D Dr.M.Premalatha	Department	Energy and Environment
Email	rubensudhakar@nitt.edu	Telephone No.	9481208902
Name of Course Coordinator(s) (if, applicable)	--		
E-mail	--	Telephone No.	--
Course Type	☐ Core course	☒ Elective course	

Syllabus (approved in BoS)
Syllabus of the course 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.

COURSE OUTCOMES (CO)

Course Outcomes	Aligned Programme Outcomes (PO)
Outcome of the course varies according to the online course chosen by the student. However, it is kept in alignment 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.

COURSE TEACHING AND LEARNING ACTIVITIES
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 of 8 weeks in duration and minimum of 15 hours of contact in total.
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	--	As per the online course offering platform	25%
2	Assignments (submitted and evaluated by NPTEL)	Throughout the course period	As per the online course offering platform	25%
3	Report (on learnings, make a small case study/new analysis on a system/propose a innovative idea based on the learnings)	End of the course	End of the course	15%
4	Attendance (based on the weekly report through CR)		End of the course	5%
CPA	--	--	--	--
4	End-semester (Viva-voce /written test)	End of the course	90-120 minutes	30%

*mandatory

COURSE EXIT SURVEY (mention the ways in which the feedback about the course shall be assessed)

Feedback must be given through MIS portal, at the end of the semester. Feedback to the course coordinator can also be given anytime during the semester through email (rubensudhakar@nitt.edu).

COURSE POLICY (preferred mode of correspondence with students, compensation assessment policy to be specified)

MODE OF CORRESPONDENCE (email/ phone etc)

Students can meet me in my office (MN 103, DEE building) or email me at rubensudhakar@nitt.edu

COMPENSATION ASSESSMENT POLICY

Not Applicable

ATTENDANCE POLICY (A uniform attendance policy as specified below shall be followed)

> 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.

ACADEMIC DISHONESTY & PLAGIARISM

- ➢ Possessing a mobile phone, carrying bits of paper, talking to other students, copying from others during an assessment will be treated as punishable dishonesty.

- ➢ 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
Text Books and Reference
As per the course chosen by the students.
FOR APPROVAL

Course Faculty _____   CC-Chairperson _____   HOD _____