

Evaluation Scheme:***Semester End Examination (A):******Theory:***

1. Question paper will be based on the entire syllabus summing up to 75 marks.
2. Total duration allotted for writing the paper is 3 hrs.

Continuous Assessment (B):***Theory:***

1. Two term tests of 25 marks each will be conducted during the semester out of which; one will be a compulsory term test (on minimum 02 Modules) and the other can either be a term test or an assignment on live problems or a course project.
2. Total duration allotted for writing each of the paper is 1 hr.
3. Average of the marks scored in both the two tests will be considered for final grading.

Laboratory: (Term work)

Term work shall consist of minimum 8 experiments.

The distribution of marks for term work shall be as follows:

- i. Laboratory work (Performance of Experiments): 15 Marks
- ii. Journal documentation (Write-up and/or Assignments): 10 marks

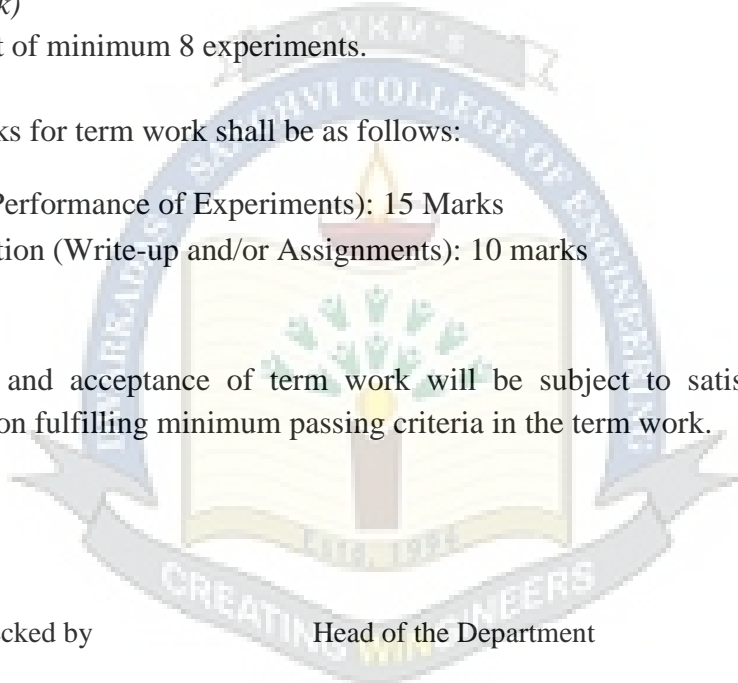
The final certification and acceptance of term work will be subject to satisfactory performance of laboratory work and upon fulfilling minimum passing criteria in the term work.

Prepared by

Checked by

Head of the Department

Principal



Detailed Syllabus: (unit wise)		
Unit	Description	Duration
1	Social Issues and Environment: Ecological footprint and Carrying Capacity, Depleting nature of Environmental resources such as soil, water minerals and forests, Carbon emissions and Global Warming.	04
2	Technological growth for Sustainable Development: Social, Economic and Environmental aspects of Sustainable Development, Renewable Energy Harvesting ,Concept of Carbon credit, Green Building ,Power and functions of Central Pollution Control Board and State Pollution Control Board	04
3	Environmental impact due to technology: Impact of Energy on Environment, Flow of Energy in Ecological system, Environment Degradation due to Energy, Control of pollution from Energy, Consumer electronics, power saving devices, energy from waste, energy use and conservation	05

Books Recommended:

Textbooks:

- 1) Environmental Studies From Crisis to Cure, R. Rajagopalan, 2012
- 2) Textbook for Environmental Studies For Undergraduate Courses of all Branches of Higher Education, Erach Bharucha
- 3) Environmental Management Science and Engineering for industry by “ Iyyanki V. Murlikrishna and valli Manickam”

Prepared by

Checked by

Head of the Department

Principal