
SEMESTER IV

5 Papers**Total 100 x 5 = 500 Marks****I. SKILL ENHANCEMENT COURSE SEC 2:**

(Credits: Theory-02)

Marks : Pr (ESE: 3Hrs) =75**Pass Marks: Pr (ESE) = 30*****Instruction to Question Setter for******End Semester Examination (ESE):***

There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 will be short answer type of 5 marks. Group B will contain descriptive type six questions of fifteen marks each, out of which any four are to answer.

Note: There may be subdivisions in each question asked in Theory Examinations.

HYDROLOGY**Theory: 15 Lectures**

1. Hydrological Cycle: Systems approach in hydrology, human impact on the hydrological cycle;
2. Precipitation, interception, evaporation, evapo-transpiration, infiltration, ground-water, run off and over land flow;
- 3 Hydrological input and output.
4. River Basin and Problems of Regional Hydrology: Characteristics of river basins, basin surface run-off, measurement of river discharge
5. Floods and droughts.

SKILL ENHANCEMENT PROJECT- SEC 1**30 Lectures****Marks : 25 (Pr 3Hrs) =25****Pass Marks: Pr ESE =10*****Guidelines to Examiners for******End Semester Examination (ESE):***

Evaluation of project work may be as per the following guidelines:

Project model (if any) and the Project record notebook = 15 marks
Project presentation and viva-voce = 10 marks

Overall project dissertation may be evaluated under the following heads:

- *Motivation for the choice of topic*
- *Project dissertation design*
- *Methodology and Content depth*
- *Results and Discussion*
- *Future Scope & References*
- *Presentation style*
- *Viva-voce*

PROJECT WORK

Student alone or in a group of not more than five, shall undertake one Project approved by the Subject Teacher/H.O.D. of the Department/College concerned. The progress of the Project shall be monitored by the faculty members at regular intervals.
