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SEMESTER IV

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6 Papers

Total 100 x 6 = 600 Marks

**I. SKILL ENHANCEMENT COURSE SEC 2:**

(Credits: Theory-02)

Marks : Pr (ESE: 3Hrs) =100

Pass Marks: Pr (ESE) = 40

*Instruction to Question Setter for**End Semester Examination (ESE):*

There will be **two** group of questions. **Group A is compulsory** and will contain three questions. **Question No.1 will be very short answer type** consisting of ten questions of 1 mark each. **Question No.2 & 3 will be short answer type** of 5 marks. **Group B will contain descriptive type** six questions of 20 marks each, out of which any four are to answer.

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

**HYDROLOGY****Theory: 75 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.

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**II. GENERIC ELECTIVE (GE 4A):**

(Credits: 06)

GE4A paper of First subject selected in Sem-I to be studied. Refer Table AI 2.4 for name of papers and for Content in detail refer the Syllabus of Opted Generic Elective Subject.

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**III. GENERIC ELECTIVE (GE 4B):**

(Credits: 06)

GE4B paper of Second subject selected in Sem-I to be studied. Refer Table AI 2.4 for name of papers and for Content in detail refer the Syllabus of Opted Generic Elective Subject.

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