

DEPARTMENT : CIVIL SEMESTER : 7
SUBJECT NAME: Irrigation Engineering

SUBJECT CODE: 2170609

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## Assignment - 4

- 1. Explain Types of Cross Drainage Works?
- 2. Explain Determination of Flood Discharge by Empirical Flood Formulae?
- 3. Design an expansion transition for a channel for the following data: Length of Flume = 20 m Width of Throat = 12 m Width of channel = 18 m.
  - Use (a) Mitra's method (b) Chaturvedi's method
- 4. State types of canal fall. Explain Notch and sarda type fall?
- 5. Explain Cross Regulator?
- 6. Explain Silt controlling Devices?

