



CONTACT

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M.TECH in HYDRAULIC ENGINEERING

- The M.Tech. program in Hydraulic Engineering at IEST Shibpur provides rigorous training in river hydraulics, fluid dynamics, hydraulic machines, and open channel flows.
- Emphasis on first-principle-based learning, ensuring a strong foundation for advanced technical problem-solving.
- Integrated approach combining theoretical analysis, computational modeling, and experimental studies.

Website:

www.iests.ac.in

<https://www.iests.ac.in/IEST/AcaUnitDetails/AEAM>



HYDRAULIC ENGINEERING



CURRICULUM HIGHLIGHTS

- **Open Channel Flow and River Hydraulics**
- **Hydraulic Models and Similitude**
- **Hydraulic Machinery and Energy Transfer**
- **Hydraulic Structures**

PROGRAM STRUCTURE

The M.Tech program is structured into four semesters:

- **Semester 1 & 2: Core and elective courses, laboratory training.**
- **Semester 3 & 4: Research project and thesis work**

ELEGIBILITY CRITERIA

- **Candidate must hold a Bachelor's degree in Civil, Mechanical, Naval Architecture and Ocean Engineering or related engineering disciplines.**
- **Admission is based on a valid GATE score in a relevant paper.**
- **Non-GATE and sponsored candidates may also apply (eligibility for institute fellowship is subjected to institutional criteria).**