



JADAVPUR UNIVERSITY

Construction Engineering Department

Vision and Mission of the Department

Vision of the Department:

To ensure quality education towards development of engineering skills to cater the prevalent and emerging needs of Construction industry

Mission of the Department:

- To develop engineering skills comparable to international standards
- To address the relevant societal and industrial requirements
- To motivate students in research, co-curricular and extra-curricular activities
- To promote innovation and integration of institutional collaborations
- To promote stronger linkage between industry and institute

Program Educational Objectives:

Graduates shall be able to

- **PEO 1:** Model, analyse and design system, materials and structures allied to Construction engineering
- **PEO 2:** Take effective role in Project Management with innovation and application of appropriate technology
- **PEO 3:** Promote ethical practices and adhere to professional challenges of sustainable development
- **PEO 4:** Participate effectively in inter and intra disciplinary higher studies

Mission - PEO matrix:

PEO Statements	M1	M2	M3	M4	M5
Model, analyse and design system, materials and structures allied to Construction engineering	3	2	2	2	2
To take effective role in Project Management with innovation and application of appropriate technology	2	3	1	2	2
Promotion of ethical practices and adherence to professional challenges of sustainable development	2	2	3	2	2
Effective participation in inter and intra disciplinary higher studies	2	1	3	3	1

(3 – Strong, 2 – Moderate and 1 – Weak)

Program Specific Outcomes (PSO)

PSO1: Identification and interpretation of problems, analysis of problems with innovative approach and application of emerging technology solutions in Construction engineering

PSO2: Hands on training and experiments with modern equipments in the field of new construction as well as repair and retrofitting of structures

PSO3: Sustainable Technology solution of Societal problems in regional and national level