

Prof Nirjhar Dhang, IIT- Kgp

Relevant Course: Strength of Materials

Relevant Department: Civil Engineering

Relevant Semester: Generally 3rd and 5th semester

Pre-requisite: Yet to be given

Topic-1: Shear Force and Bending Moment Diagrams

Lecture 1: Types of beams, loads and reactions, Shear forces and bending moments, Relationships between loads, shear forces and bending moments, Problem solution

Lecture 2: Shear force and bending moment diagrams, Problem solution

Lecture 3: Problems on SFD and BMD; Tutorial