

Teaching Plan:

Based on my skill set and experience gained at Punjab Engineering College as a teaching faculty member, I am capable of instructing the following courses at IIT JAMMU:

1. Mechanics of Materials
2. Nonlinear Solid Mechanics
4. Composite Materials
5. Smart Materials & Structures
6. Finite Element Method
7. Computer-aided Design
8. Theory of Vibration

Additionally, beyond the courses listed above I am can introduce courses related to design and stability:

1. Stability of Structures
2. Introduction to Continuum Mechanics
4. Theory of Plates and Shells
5. Analysis of rotating system