

AE 220: Aerospace Structural Mechanics

Schedule: Monday 8:30 - 9:25

Tuesday 9:30-10:25

Thursday 10:35 - 11:30 & 3:30-4:25 (Slot 1)

Instructor: Mira Mitra (mira@aero.iitb.ac.in)

TA: Paridhi Shukla

Sushant Agarwal

Textbooks

- Megson, T. H. G., Aircraft Structures for Engineering Students, Butterworth-Heinemann, 2007
- Peery, D. J., Aircraft Structures, McGraw-Hill Education
- Donaldson, B. K., Analysis of Aircraft Structures, Cambridge University Press
- Sun, C. T., Mechanics of Aircraft Structures, Wiley-Interscience
- Timoshenko & Goodier, Theory of Elasticity

Evaluation Policy

- Quizzes: 25 % (Best two of three)
- Assignments: 5 %
- Mid-Semester Exam.: 30 %
- End-Semester Exam. : 40 %