

SYLLABUS FOR BRIDGE COURSE
1st Semester Complementary Physics
(10 Hours)

Module 1 - (1 hour)

Science in everyday life, Importance of Physics

Module 2 - (3 hours)

Physical quantities: Equations, Units, dimensions and conversion of units. Scalar and vector quantities, Vectors: Basic Properties, Dot product and Cross product

Module 3 - (2 hours)

Basics of Differentiation and Integration, Important identities

Module 4 - (3 hours)

Method to solve problems in Physics: Solving some problems (plus two levels)

Module 5 - (1 hour)

Discussion on Complementary course syllabus, Exam pattern, marking scheme etc.