

RAYAT-BAHRA UNIVERSITY

Bridge course is designed to enhance their skills & ease out their transition in to engineering courses/ Physical Sciences; also to get them prepared for the competitive environment like GATE, Aptitude training & other competitions etc.

- 1. Course Code: BDC 104**
- 2. Course Name: Essential of Physics**
- 3. Duration: 30 Hrs**

Unit-I (5 hrs)

Basics of Mechanics

Unit-II (5 hrs)

Mechanical Properties of Solids and Fluids

Unit-III (7 hrs)

Waves and Oscillations, Electricity and Magnetism

Unit-IV (7 hrs)

Optics, Semiconductor Electronics

Unit-V (6 hrs)

Modern Physics, Atomic and Nuclear Physics