

Sri Bhagawan Mahaveer Jain First Grade College

Geetha Road, Robertsonpet, Kolar Gold Fields.

MODERN OPTICS

On successful completion of course student will:

- Gain knowledge on laser rate equations for Two, Three, Four-level laser systems.
- Understand Einstein relations for emission and absorption of radiation
- Gain knowledge on classification of laser systems
- Gain knowledge on application of various laser systems
- Understand basic principles of holography and its applications
- Understand the concept of recording and reconstruction of a hologram
- Understand the Fourier transforming properties of lenses
- Understand the applications of non-linear optics.