

**Shree Swami Vivekanand Shikshan Sanstha Kolhapur,
DATTAJIRAO KADAM ARTS, SCIENCE AND COMMERCE COLLEGE,
ICHALKARANJI**

Course Outcomes

Wave and Optics I (Paper-VI)

B. Sc. II, Semester-II (CBCS)

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Waves & optics I paper has S.H.M of waves at different frequencies, coupled oscillator, normal modes of oscillator, wave motion & ultrasonic waves are useful in research students can understand briefly by knowing piezoelectric effect. To know the acoustic of buildings for problem solving in applied physics. For gaining material structure to know viscosity & pressure at low physics.

Deep discipline knowledge

- informed and infused by cutting edge research, scaffold throughout their program of studies
- acquired from personal interaction with research active educators, from year 1
- accredited or validated against national or international standards (for relevant programs)

Critical thinking and problem solving

- steeped in research methods and rigor in optics & low pressure physics
- based on empirical evidence and the scientific approach to knowledge development
- demonstrated through appropriate and relevant assessment

Teamwork and communication skills

- developed from, with, and via this syllabus
- honed through assessment and practice throughout the program of studies
- encouraged and valued in all aspects of learning