

Shri Swami Vivekanand Shikshan Sanstha
Dattajirao Kadam Arts, Science & Commerce , Ichalkaranji
Solid state Physics

B.Sc -III paper-XVI

Outcomes

1. Students will be able to analyze different types of matter depending on nature of chemical bonds and their properties.
2. Students will be able to analyze crystal structures by applying crystallographic parameters.
3. Students will be able to determine the crystal structure by analysis of XRD data.
4. Students will be able to evaluate and analyze the chemical and optical properties of solids.
5. Students will be able to analyze electron transport and energy related problems by applying quantum mechanical principles.
6. Students will be able to analyze the lattice vibration phenomenon in solids.
7. Students will be able to outline the importance of solid state physics in the modern society.