

## CHAPTER OVERVIEW

### 14: Potential Energy and Conservation of Energy

14.1: Conservation of Energy

14.2: Conservative and Non-Conservative Forces

14.3: Changes in Potential Energies of a System

14.4: Change in Potential Energy and Zero Point for Potential Energy

14.5: Mechanical Energy and Conservation of Mechanical Energy

14.6: Spring Force Energy Diagram

14.7: Change of Mechanical Energy for Closed System with Internal Nonconservative Forces

14.8: Dissipative Forces- Friction

14.9: Worked Examples

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