Objective of the Study:

1. To identify difficulties in learning physics using diagnostic tests.
2. To overcome these difficulties in learning physics and simplify concepts in physics.
3. To develop and evaluate an interactive multimedia animation package on Heat and Thermodynamics.
4. To provide this animation package first year undergraduate students of University of Pune with an interactive means of self-learning and evaluation.
5. To develop a tool i.e. Thermodynamics Diagnostic Test (TDT) to measure the effect of teaching using interactive multimedia animation package and traditional teaching method.
6. To check validity and reliability of Thermodynamics Diagnostic Test (TDT).
7. To change students attitude towards physics.