

DR.SHAYAMA PRASAD MUKHERJEE UNIVERSITY,

RANCHI

UNIVERSITY DEPARTMENT OF PHYSICS

SUBJECT : Physics

SEM III

PAPER: GE PR-03

List of Experiment for Practical Examination

- 1 Measurement of Planck's constant using black body radiation.**
- 2 To determine Stefan's Constant.**
- 3 To determine the coefficient of thermal conductivity of Cu by Searle Searle's Apparatus.**
- 4 To determine the coefficient of thermal conductivity of a bad Conductor by Leedisc method.**
- 5 To determine the temperature co-efficient of resistance by Platinum resistance thermometer.**
- 6 To study the variation of thermo emf across two junctions of a Thermocouple with temperature.**