

**SINGLE CYLINDER FOUR STROKE WATER COOLED  
SLOW SPEED DIESEL ENGINE TEST RIG  
(KIRLOSKAR) WITH MECHANICAL BRAKE (ROPE  
BRAKE) LOADING  
MAKE – LABTEK, ORIGIN – INDIA**



**Introduction**

The test rig is designed to provide self-contained facility for teaching Compression Ignition engine principles. The equipment is instrumented so that the following experiments could be performed.

- 1). Bhp Measurement
- 2). Brake Thermal Efficiency
- 3). Fuel Consumption Measurement
- 4). Air Intake Measurement
- 5). Measurement Of Heat Rejected To Water Jacket