

STEAM POWER ENGINEERING

The objective of this laboratory is to offer students hands-on experience with the operation of a functional steam turbine power plant. A comparison of real world operating characteristics to that of the ideal Rankine power cycle will be made. The apparatus is scaled for educational use and utilizes components and systems similar to full-scale industrial facilities. Students will be able to operate and analyze this system in detail, allowing them to determine the important parameters of the facility.

Laboratory has following facilities:

- 1 Steam Boiler- 600 kg/hour
- 2 Steam Turbine Test Rig