



Heat Transfer Laboratory

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Capabilities

- Thermal conductivity measurement of solids and fluids.
 - Surface emissivity measurements.
 - Heat transfer modeling.
 - Film cooling analysis.
 - Turbulence modeling.
- Combined heat transfer analysis



Equipment

- Heat conduction unit.
- Thermal radiation apparatus.
- Fluidised bed heat transfer unit.
- Boiling heat transfer unit.
- Forced and free convection test devices.

