

NON-CONVENTIONAL ENERGY & INSTRUMENTATION

The division Non-Conventional Energy & Instrumentation is relatively a new division formed to look into installation of non-conventional energy sources, especially solar energy, for various needs of the Institute and Instrumentation aspect of coal related testing and analysis.

The Division at present serves the Institute through the following on-going activities :

1. Calibration of instruments related to temperature (mercury in glass thermometers, pyrometers, thermocouples, etc.), pressure, density and mass used in coal testing as per ISO 9000.
2. Repair and maintenance of sophisticated instruments.
3. Repair of furnaces, reactors, ovens, temperature baths, water distillation apparatus, geysers, UPS, stabilisers, variac, etc.
4. Provision of telephone services including repair and maintenance of EPABX, telephone sets and lines.
5. Provision of multimedia and PAS for various functions/lectures arranged within the Institute.
6. Vocational training to polytechnic and engineering students of various colleges.
7. Technical Support for installation of various types of instruments in plants.
8. Development of instrument for coal testing.