

Research and other associated activities:

- *Editor of International Conference Volume on Challenges in coal & Mineral beneficiation published by Tata Mcgraw-Hill*
- *Reviewer of Journal of National Institute of Science communication (NISCOM) now known as National Institute of Science communication and Information resources (NISCAIR)*
- *One of the Editor of International Seminar volume on Mineral Processing Technology – MPT-2005 published by Tata Mcgraw-Hill*

Sponsored Project:

- On Going – 1
- Completed – 7

Current area of Research:

- Spontaneous Combustion of coal
- Use of LVMC Coal in coke making
- Fluidized Bed Combustion
- Rheological Studies of Coal Water/Coal Oil Slurries

PhD Scholars: 02

- *“Study of some aspects for improved performance of fluidized bed power plant”*
- *“Studies on carbonization behavior of Low Volatile Medium Caking Coal (LVMC) for its suitability in Iron and Steel Industries “*

Research Papers: 30 (Including seminar/conferences)

M.Tech Guidance: 17

Involvement in Testing and Consultancy Work

Teaching/Courses Taught:

At B.Tech and M.Tech level

**Fuel Technology, Clean Coal Technology
Solid Fuel & Clean Coal Technology,
Coal Carbonization Technology
Liquid & Gaseous Fuel
Modeling & Simulation of Fuel Eng. Systems
Alternate Energy Technologies**