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## Consultancy Service Profile

The department of Bioenergy established in 1981 with the vision committed to providing a state-of-the-art facility in bioenergy technologies and supporting skills for sustainable development. Over three decades the department has facilitated the understanding of bioenergy systems for environmentally sound, socially acceptable technology in an efficient way. The department has produced more than 70 Ph.D. and completed almost 20 international and national research projects funded by the University Grants Commission (UGC), Ministry of New and Renewable Energy (MNRE), Ministry of Environment and Forests & Climate Change (MoEF&CC), Science and Engineering Research Board (SERB), Clenergen Corporation Limited, United Kingdom. At Present the monitoring and management of biomass burning and its impact on climate change is core research theme of the group.

### Area of expertise for collaborating industry:

- Air pollution monitoring and modelling
- Biomass gasification
- Type of consultancy services to Industry
- Ambient air, Noise and Emission management
- Indoor air sampling and management
- Weather and Climate model installation and simulation
- Energy audit and management
- Biomass gasification

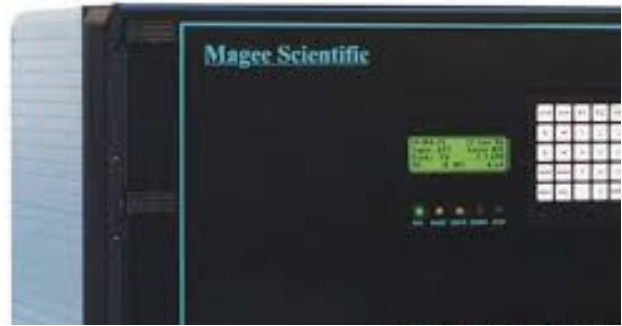
### Research Facilities:

- High Volume Air sampler (RDS)
- Aethalometer (AE31)
- Sunphotometer
- Flue gas analyzer
- Stack & Indoor monitoring equipment's
- UV-Visible Spectrophotometers
- Flame photometer
- Biomass gasification Centre





High Volume Air Sampler



Aethalometer



UV visible spectrophotometer



Flue gas analyzer



Flame photometer

