

Facility for Ecological & Analytical Testing



Facility for Ecological and Analytical Testing (FEAT) was set up in 1996 at IIT Kanpur to carry out testing of various organic and inorganic (textile materials) and generate awareness about eco-testing and its importance in the export business. The drive for clean products due to strict scrutiny of export material has made it important to establish good eco-testing laboratories all over the country. The Government of India initiated a series of measures to ensure adequate testing facilities for industries. One such measure has been the establishment of FEAT at IIT Kanpur.

Areas Of Services

✦ *Research*

Coordinator & Incharge

Professor N.S. Gajbhiye

Dr. Padma S. Vankar (Principal Res. Scientist)

Dr. Rashmi Sanghi (Senior Res. Scientist)

Dr. Nalini S. (Research Scientist)



Contact

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Salient Features

The facility has the following features

- ✦ Sponsored research projects

Academic Research Projects

Research Areas -

- ✦ Natural Dyes & Antioxidants
- ✦ Environmental Monitoring of toxic pollutants (pesticides, heavy metals)
- ✦ Bio remediation of wastewater Effluents (dyes, heavy metals)
- ✦ Deflouridation
- ✦ Biopesticide

Funding Agencies -

- ✦ DST, DBT, KVIC, IFS, UNICEF



Inductively Coupled Plasma Spectrometer (ICP)

Gas Chromatography-Mass Spectrometer (GC-MS)



Atomic Absorption Spectrometer(AAS)

