



NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA

CENTER FOR SUSTAINABLE DEVELOPMENT

“Sustain the Mission – Preserve Our Environment – Secure Our Future”

OBJECTIVES

- To promote interdisciplinary activities and initiatives that lead to sustainability by integrating the economic, social and environmental factors with technologies in the developmental process.
- To develop and showcase the cost effective solutions in the areas of water, air, solid waste management, energy and land use planning and other issues related to environmental resources using the state of art technologies.
- To carry out inter disciplinary research and disseminate the knowledge with regard to feasible solutions in Indian situations.
- To develop cost effective solutions for harnessing renewable energy resources.
- To set up a database for cleaner production and help the industries for adoption.
- To offer PG/Training/Certificate courses

FOCUS AREAS

- Environmental planning and management of natural resources (Air, Water, Energy, Land)
- Sustainable cities
- Clean/Green Technologies
- Socio economic Surveys
- Rural - Urban Dynamics - Strengthening Techniques

ACTIVITIES

- Research and policy advice
- Capacity Building and Training
- Certificate courses
- Testing and consultancy
- Planning and implementation of developmental projects
- Dissemination of Sustainable solutions (through Seminars, Conferences and Workshops)

EXPERTISE AVAILABLE

- The Departments of Chemical, Civil, Electrical, Mechanical, Applied Mechanics & Hydraulics and Mining Engineering have been carrying out several activities pertaining to issues related to Environment.
- Equipments and Software tools required for Testing and Analysis are available in these departments.
- This Centre will bring together the expertise and resources available in various departments and integrate them to promote the basic objectives.