

## ORGANISATION

Centre for Social Forestry & Eco-Rehabilitation (CSFER), Allahabad was established in 1992 as an advanced centre under the umbrella of ICFRE, Dehradun. The centre aims to nurture and cultivate professional excellence in the field of social forestry and eco-rehabilitation in Eastern Uttar Pradesh, North Bihar and Vindhyan Region of Uttar Pradesh and Madhya Pradesh.

Centre is located in the Gangetic plain and dry stony track of Vindhyan hills. Allahabad city and district situated on the confluence of river Ganga and Jamuna is representative of the river flood plains. Centre has the advantage of sharing the wisdom of various research institutes of National repute located at Allahabad. The Centre caters to the general research requirement for social forestry and environment relating to the plains of U.P., Vindhya Pradesh and western Bihar.

The important research activities of this centre are in the field of Planting Stock Improvement Programme (PSIP); Wasteland reclamation; Development of Agro-forestry Models; Reclamation of mined areas through afforestation; Productivity of Ecosystem; Studies on Shisham mortality; *etc.* A number of research projects, funded by different agencies *viz.* UNDP, NABARD, World Bank, NRAAI, Planning Commission *etc.*, have been carried out at this centre.

Director, assisted by a team of experienced scientists, Research Officer etc heads the centre.

## GOAL

Research in social forestry, ecological rehabilitation of degraded sites in the region and people's participation.

## OBJECTIVES

To conduct research towards evolving suitable packages for eroded areas, stress sites saline/alkaline soils with low moisture sites, degraded forests, pasture and grazing land, mined areas and other wasteland.

- To evolve appropriate technology and technological packages in social, farm and agro-forestry vis-à-vis prevailing tree crop combinations.
- Development of appropriate nursery and plantation techniques for forest species most suitable to rural needs and ecology.
- To conduct socio-economic surveys of the region and use it to develop suitable model for poverty alleviation.

- Development of training infrastructure for extension program to ensure sustainable development of natural resource ecosystem.
- Extension of suitable technologies.

## **STRATEGIES**

- Development of suitable technological packages for afforestation of stress sites.
- Development and demonstration of site-specific social, farm and agro forestry models to ensure enhanced and sustained productivity.
- Identification, selection, demarcation and management of seed stands/seed production areas of priority tree species for qualitatively improved seeds for plantation.
- Development of seedling seed orchards and clonal seed orchards of priority tree species as a source of improved planting stock.
- Development of suitable biological control measures to control insects, pests and diseases.
- Standardization of nursery techniques of priority tree and NTFP species with reference to root trainers, potting media, schedule of irrigation and application of fertilizer, VAM, etc.
- Development of suitable techniques for seed collection, storage, treatment and testing (for viability and germination etc.).
- Development of growth and yield models for priority species.
- Multi-location traits of multipurpose indigenous and exotic tree species to study their suitability to different areas/sites.
- To conduct socio-economic surveys of the region for sustainable forest management and to develop suitable social and agro forestry models.
- To carry out research on silviculture and management of priority tree species including NTFP plants.
- Development of suitable technological packages for restoration of degraded forests.
- Investigations of cause(s) for drying up of important species and development of suitable measures to control it.
- Research related to plantation management of priority tree species.
- Development and strengthening of research extension linkages to disseminate the research results in a user-friendly way to end-users.
- Survey, collection and documentation of traditional / indigenous knowledge.
- Resource survey of rare and endangered plant of the region and development of their conservation measure.