

Centre for Social Forestry and Eco-Rehabilitation Allahabad

Centre for Social Forestry and Eco-Rehabilitation (CSFER), Allahabad was established in October 1992 as an advanced centre under the umbrella of ICFRE, Dehradun. Presently, it is a branch of Forest Research Institute (FRI), 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.

The important research activities of this Centre are in the field of Planting Stock Improvement Programme (PSIP); Wasteland reclamation; Development of Agroforestry Models; Reclamation of mined areas through Afforestation; Productivity of Ecosystem; Studies on Shisham mortality; Medicinal plants etc.

PROJECTS CONTINUED DURING THE YEAR 2006-2007

Project 1: To develop medicinal plant nursery for generating awareness amongst local people [FRI/ 254/CSFER-2005]

Status: *Asparagus racemosus* (Satawar), *Vinca rosea* (Sadabahar), *Tinospora cordifolia* (Giloy), *Chlorophytum arundinaceum* (Safed Musli), *Rauvolfia serpentina* (Sarpghandha), *Barleria prionites* (Kalabansa), *Plantago ovata* (Isabgol), *Plumbago zeylanica* (Chitrak), *Aloe vera* (Gheequar), *Cassia aungustifolia* (Sanay), *Gymnema sylvestre* (Gudmar), *Acorus calamus* (Butch), *Abelmoschus moschatus* (Mushkdana), *Andrographis paniculata* (Kalmegh), *Psoralea cordifolia* (Bawachi), *Ocimum sanctum* (Tulsi) and *Mentha* sp. were planted in the herbal garden of research nursery and are being maintained and managed.

New demonstration plots of *Cyperus rotundus* (Nagarmotha) and *Rauvolfia serpentina* (Sarpghandha) were established and maintained for a training-cum-demonstration programme on Cultivation of Medicinal Plants for local people of Padila village. Literature on medicinal plants and seedlings of selected species were distributed to the farmers.

NEW PROJECTS INITIATED DURING THE YEAR 2006-2007

Project 1: Development of Agroforestry models of *Bamboo* species in Eastern U.P. [360/CSFER-07]

Status: A questionnaire for surveying demand-supply gap of bamboos to select sites for development of agroforestry models of bamboos in randomly selected villages, was prepared and survey was conducted.

Nursery of *Dendrocalamus strictus* and *Bambusa bambos* was established in Padila village and the effects of seed grading on germination and seedling growth of bamboo species was studied.



PROJECTS CONTINUED DURING THE YEAR 2006-2007 (Externally Aided)

Project 1: Research and development of *Jatropha* under National Network Programme (Funding Agency: NOVOD Board)

Status: Survey of Superior planting material as per the guidelines of NOVOD Board was carried out for identification and marking of Candidate Plus Trees. Data recording with respect to morphological and phenological traits was done. Oil of *Jatropha* seeds from marked CPTs was sent to TERI, New Delhi for oil content analysis and report has since been received.



Provenance trail of *Jatropha curcas* in Padilla nursery

Effect of pre-sowing treatments on the germination of *Jatropha* seeds was studied.

Provenance trial of CPTs was established at Padilla Nursery. Growth data (height and diameter) was recorded.

10000 plants were planted in block plantation at Jhunsi, Allahabad.

Agro forestry trial of *Jatropha* in combination with onion was established.

Abstract: No. of Projects

	No. of projects Completed in 2006-2007	No. of ongoing projects in 2006-2007	No. of projects initiated in 2006-2007
Plan Projects	-	1	1
External Project	-	1	-
Total	-	2	1

EDUCATION AND TRAINING

1. Shri A.K. Pandey, IFS, Head of the Institute, attended four days training on 'New Trends and Experience in Human Resource Development' at IMTR, Goa from 9th to 13th October 2006.
2. Shri B. Chaudhary attended four days training programme in Agroforestry at Haryana Forest Development Corporation, Panchkula from 29th January to 2nd February 2007.

CONFERENCES/MEETINGS/WORKSHOPS/SEMINARS/SYMPOSIA/EXHIBITIONS

Organized

1. Training-cum-demonstrations programme on 'Medicinal plants' on 17th November 2006.



Training-cum-awareness programmes for cultivation of medicinal plants at CSFER, Allahabad

2. A month long Exhibition cum demonstration in January 2007 in Ardhkumbh Mela at Allahabad with the help of FRI, Dehradun.

Attended

1. Shri B. Chaudhary and Dr. Anubha Srivastava presented a paper entitled "Rural Employment Potential of *Jatropha* - New Dimensions for Development" in National Seminar on 'Rural Development Initiatives: A National Perspective' at National level at Rajiv Gandhi Institute of Information Technology, Amethi, on 28th August 2006.
2. Shri A.K.Pandey, Shri B.Chaudhary, Dr.Anubha Srivastava, Shri S.D.Shukla and Shri Awanindra Tewari (SRF), presented a research paper on "*Jatropha curcus* Oil-Its Potential Role as Bio-Fuel" in National Seminar on 'Jatropha Cultivation and Bio-Diesel Production' at UTTHAN, Allahabad (UP) on 27th January 2007.
3. Shri A.K. Pandey attended workshop on "Planted Forest Ecosystem: Goods and Services" at FRI, Dehradun from 13th to 15th December 2006.
4. Shri A.K. Pandey attended 2 days meeting of stakeholders on proposed policy reforms to remove the barrier to CDM afforestation and reforestation (A/R) project organized by ICFRE, Dehradun in partnership with Joanneum Research, Austria and Freiburg University and Institute of Silviculture, Germany from 14th to 15th September 2006.

MISCELLANEOUS

Monitoring and Evaluation works sponsored by MoEF under National Afforestation Programme (NAP) for FDAs of Agra, Allahabad, Meerut, Bareilly, Shahjahanpur, Mirzapur, Renukoot, Ballia, Jalaun and Kanpur under U.P. Forest Department were carried out by the nominated teams of CSFER, Allahabad.

