

(An Autonomous Council of Ministry of Environment and Forests, Govt. of India) DEHRA DUN

ANNUAL REPORT 2001 - 2002



INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION (An Autonomous Council of Ministry of Environment and Forests, Govt. of India) DEHRA DUN Patron : Shri R.P.S. Katwal, IFS Director General, Indian Council of Forestry Research and Education, Dehra Dun

Published by : Media and Publication Division, Directorate of Extension, on behalf of Indian Council of Forestry Research and Education, P.O. New Forest, Dehra Dun-248 006, (Uttaranchal), INDIA

Compiled and Edited by : Shri S. Singsit, IFS, DDG (Extn.), ICFRE Dr. V. N. Singh, IFS, ADG(M&P), ICFRE

Processed by : Dr. V. Jeeva, Scientist-B

March 2002

Printed at : MICROSOFT Technoprint (I) Pvt. Ltd., Dehra Dun, Ph. : 0135-653092

Front Cover : Mangrove Forests Back Cover Photo : Ermostachys Superba - An endangered species

FOREWORD

Indian Council of Forestry Research & Education (ICFRE) is the apex body in the national forestry research system. It is striving for the holistic development of forestry research at national level through planning, promoting, conducting and coordinating research, education and extension on all aspects of forestry for ensuring scientific management of forests, improvement in forest productivity through genetic and biotechnological researches, bioremediation of degraded land, efficient utilization of forest products, conservation of biodiversity and integrated management of pests & diseases of forests.



For ICFRE the year 2001-2002 was the period when World Bank aided Forestry Research, Education and Extension Project (FREEP) was at the culmination stage and finally ended on 31.12.2001. In order to increase the quality and quantity of research output, systematic approach was adopted under FREEP and the required infrastructure was created to provide essential facilities to the scientists, which enhanced their capabilities. The National Forestry Library and Information Centre (NFLIC) at Dehradun has developed as on extremely rich source of knowledge and is playing a very important role in the quality output of ICFRE in the fields of research, education and extension. The IT Cell designed and tested eight Indian Forestry Research Information System (IFRIS) modules at the Institutes of ICFRE.

Under different research projects ICFRE has developed various packages for clonal propagation of commercially important species, identified species for ameliorating problem soils, screened some non-conventional wood species suitable for construction and other purposes, developed cultivation packages for few commercially important medicinal plants, devised cost effective micro-propagation of few bamboo species, created agro-forestry models for different agro-ecological zones, identified alternatives to forest produce, added value to various forest products and developed integrated pest management of important forest species during the year.

Forestry education was promoted by providing financial support to Universities imparting forestry education in the country with a view to strengthen their infrastructure and increase their teaching and research capabilities. Much emphasis was given on the quality of forestry education and placement of forestry students of FRI Deemed University. ICFRE also started the training the University teachers who are teaching forestry in various universities and colleges.

In the field of extension, systematic efforts were made to disseminate the technologies in the field. Ten renowned institutes which were in no way connected with training in the forestry related trades were roped in, in this particular field by giving assistance under Extension Support Fund (ESF) Projects and now they have started functioning as satellite training centres of ICFRE. For dissemination of technologies, 15 documentaries were made on video cassettes for which CD's have been prepared. There are being translated in Hindi and some regional languages.

To boost up the morale of the scientists and the officers so that they excel in their respective fields a process of giving quick recognition was vitalized and ICFRE cash awards for excellence were awarded for the years 1999, 2000 and 2001. I am proud to mention here that the prestigious Vishisth Vaigyanik Puraskar of MoEF, Govt. of India were awarded to the scientists of ICFRE for the years 2000 and 2001. I am sure these awards will go a long way in motivating the scientists and the officers to channelize their energy in their respective fields and bring still better results in the years to come.

It gives me immense pleasure to present the ICFRE, Annual Report for the year 2001-2002, in which multiple activities of forestry research, education and extension are highlighted. I hope that the report would be useful for policy makers, planners, developmental agencies and all those having stake in forestry.

(R.P.S. Katwal) Director General Indian Council of Forestry Research & Education

Deharadun

