

## CHAPTER-XVI

### FORESTRY EXTENSION

#### **Forestry Extension:**

The Media Division of Extension Directorate, ICFRE, has the mandate to disseminate research findings and technologies developed by ICFRE and its institutes; provide extension support to state forest departments, non-government organisations, etc., collaborate with other organizations; and establish linkages with different user groups.

#### **Extension Support Fund (ESF):**

Twenty three Extension Projects worth Rs. 17.2 million was sanctioned. So far, funds worth Rs.14.40 million have been released. Monitoring of ongoing projects was carried out by the four Joint Directors and staff of Media Division, ICFRE Headquarter. Ten ESF Projects have been completed.

#### **Demonstration of technologies at different sites and seminars/workshops and conferences:**

- Demonstration of technologies developed by ICFRE and organizing seminars and workshops have been the main features of ITD. The following demonstrations, seminars, conferences and workshops were organised by the ICFRE and its institutes during the year.
- National Seminar on Poplar, Nov.25-27, 1999 held at FRI, Dehradun.
- Five Workshops-cum-Peer Reviews on teak, safed siris, agroforestry, biofertilizer and entomology held at TFRI, Jabalpur in Nov. 1999.
- Workshop on "National Network Programme on integrated development of neem" held at TFRI, Jabalpur Dec 6-7, 1999 under NOVOD Board.
- National Workshop on Transfer of Forestry Technologies organised at IFGTB, Coimbatore (18-19 Dec.,99).
- National Workshop on Ecodevelopment organised at IWST, Bangalore in collaboration with Karnataka Forest Department, Dec. 20-21, 2000.
- Demonstration of wood science technologies by IWST, Bangalore at Khanapur (Dharwar) on Dec. 5, 1999; at Harohalli (Devanahalli) on Dec. 14, 1999; at Somwarpet (Coorg) on Dec. 28, 1999; at IWST, Bangalore for the farmers of Venkatagiri and Harohalli (Devanahalli) on Mar 30, 2000; and Bheemavaram (Chandragiri Mandal) on Mar 23, 2000 in Andhra Pradesh.
- Zonal Workshop on "Wood energy" held at TFRI, Jabalpur Jan 20-21, 2000 under IGNFA.
- National Seminar on "Sustainable Forest Management through People's Participation" held at TFRI, Jabalpur Feb. 7-8, 2000 under ICFRE Ford Foundation.

- II INBAR Meeting on “Bamboo Preservation Manual” organised at IWST, Bangalore, Feb. 21-23, 2000.
- Workshop on Shisham, March 11, 2000 held at FRI, Dehra Dun.
- Workshop on “Sustainable forest management through community participation” organised at IWST, Bangalore in collaboration with IIFM, Bhopal, Mar 15-16, 2000.
- Demonstration of treated catamarans to the fishermen of Andhra Pradesh and Tamil Nadu in five villages in each state during this period.

#### **Exhibition:**

The following exhibitions were conducted during the year:

- By TFRI, Jabalpur at Kisan Mela organised at JNKVV, Jabalpur on Feb. 23-24, 2000.
- By TFRI, Jabalpur at Swarozgar Mela organised at Jabalpur on Mar 25-27, 2000.
- By IWST, Bangalore at different workshops organised at Bangalore.
- Six exhibitions/melas were organised by FRI, Dehra Dun in Dehra Dun.

#### **Production of extension materials:**

##### **Films:**

During the year six films, viz. Non-wood forest products, Treated catamarans, Economic utilisation of Casuarina, Rainwater harvesting, Afforestation of stress sites, and Clonal multiplication have been prepared. Copies of these films as VHS cassettes were put up for sale. Work on a new film on the subject ‘Urban forestry’ has been initiated. Attempts are being made to arrange telecast of these films through different T.V. channels to reach wider audience.

#### **Publication of Books, Brochures and Bulletins, etc.**

##### **Books:**

1. Neem – A Wonder Tree
2. Forestry Research Extension Strategy
3. National Database on Bamboo
4. Annual Report 1997-98

##### **BROCHURES:**

1. Teak
2. ICFRE Brochure
3. 25 brochures for various species manuscript prepared for reprinting.

##### **BULLETINS:**

1. IFLIN Newsletter
2. ENVIS Newsletter
3. Timber Trade Bulletin No.16

4. Timber Trade Bulletin No.17
5. Timber Trade Bulletin No.18
6. Timber Trade Bulletin No.19
7. Hindi Anusandhan Patrika Year 5 No.1

#### **OTHER PUBLICATIONS:**

1. UNDP Proceeding in Forestry Research in Conservation of National Forest.
2. ICFRE Publication Catalogue 1992-99.
3. National Forestry Research Plan.

#### **NATIONAL FOREST LIBRARY**

The National Forest Library is an integral part of research, extension and teaching activities of the ICFRE. The Library has a document collection of 1,46,975.

The library has been providing all types of library services to its users viz. reference and referral, lending, reprography, current awareness, inter-library loan, retrieval of information from machine-readable database etc.

The major activities of the National Forest Library during 1999-2000 were its shifting from old building to its new site, and its total reorganization on scientific lines by developing smaller collections and by adopting standard tools viz. Dewey Decimal Classification, L.C. List of Subject Headings, and CABI Thesaurus, for processing of documents.

During the year, 747 books were purchased at a total cost of Rs.14,56,643/-. An addition No. of 3628 books were received gratis. Thus a total of 4375 books were added to the collection during 1999-2000.

104 International and 70 Indian periodicals were subscribed. Besides, the Library also received 350 periodical titles gratis.

For computerized retrospective search and current awareness function, the Library subscribed CAB CD, Tree CD, Biological Abstracts, AGRIS and Eco Disc on CD ROM format at a total cost of Rs.12,87,697/-

During the year 2101 sets of periodicals and books were got bound.

The Library also modernized circulation service by introducing a new system for borrowing of documents for outside reading. The Library also adopted a new set of rules thereby allowing working/retired officers of union, state Govts. and public sector undertakings, and registered NGOs to use the Library facilities and borrow documents also. During the year 9425 documents were issued for outside reading.

#### **Documentation and Information Section**

##### **Grey Literature :**

4397 documents on Forestry Grey Literature were received from State consultants. These documents were assigned accession numbers, 400 unclassified Grey Literature documents were classified under the ODC System.

Grey Literature documents relating to 18 Indian States (4397) were arranged and kept ready for reference.

### **Classification of Forestry Literature, Ledger Filling :**

1100 Forestry records were classified for ledgering. 1426 references and 18 author, species and subject cards were filed. 11 species and 1 new subject files were opened.

236 queries (Readers) on different subjects and forestry species were attended. Monthly Forestry News Indexes from April 1999 to November 1999 and News Digests for the month of December 1999 and January 2000 to March 2000 were published.

List of Current Awareness Documentation Service for the month of April, June and August 1999 was published. Compilation of annotated bibliography on Sal (*Shorea robusta*) – 529 reference were compiled.

### **Information Technology Cell (ITC)**

ICFRE has established a state of the art Local Area Network (LAN) at its headquarters, Dehra Dun. A high-speed 100 mbps Switched Ethernet fiber optic backbone is used. Eight servers are connected to the backbone switch. The servers, visible to the outside world, are connected to the hub, which in turn is connected to the IU (Indoor Unit) router of high speed IP Advantage VSAT (WAN link). Backbone switch is connected to access switches at different buildings via Six-core multimode graded index fiber optic cable. The UTP-CAT-5 cabling connects the nodes to the working hubs. There are more than 150 clients spread all over the campus. The fiber is running for around 6 km. The services currently available are :

1. Electronic mail;
2. Access to CD-ROM bibliographic Database (Seven);
3. Access to Library database OPAC (On-Line public access catalogue),
4. Electronic access to Grey Literature Search; and
5. Internet.

### **Joint Forest Management Division (JFM)**

The Indian Council of Forestry Research & Education (ICFRE) has constituted a Joint Forest Management (JFM) Division in Forestry 2000 in pursuance of the directions of Ministry of Environment and Forests, Government of India.

Accordingly, the Institutes under Indian Council of Forestry Research & Education (ICFRE) have also constituted Joint Forest Management (JFM) Divisions for JFM related works.