

CHAPTER-XVI

FORESTRY EDUCATION

With ever increasing demand for forest produce, enhanced productivity and more efficient use of available forest resource are the need of the hour. To achieve these objectives, it is imperative to improve existing management practices and acquire new technologies and skills. Role of forestry education is, therefore, central to the progress of scientific forestry. With a view to boosting research and education progress, Forest Research Institute, Dehra Dun, was granted the status of Deemed University by the Ministry of Human Resource Development, Govt. of India in December, 1991. To exercise general supervision and co-ordinate forestry education, a full fledged Directorate of Education was created in ICFRE in 1993.

Mandate :

The main functions of the Directorate are :

- (i) Supervision of FRI – Deemed University which at present is running post graduate courses in forestry (economics and management), and wood science and technology, P.G. Diploma courses in plantation technology and pulp and paper technology and doctoral programmes on various aspects of forestry.
- (ii) Arranging educational and training programmes to generate trained human resource.
- (iii) Providing support to universities imparting forestry education.
- (iv) Providing consultancies on education and training.
- (v) Conducting professional skill development programme.
- (vi) Review and developments of forestry education curricula in universities/schools.
- (vii) Validation of forestry curricula in formal educational channel leading to degrees in forestry.
- (viii) Providing research fellowships.
- (ix) Planning human resource and development activities.

National Training:-

Training programmes on 'Research Methodology with Special Emphasis on Statistics' at IASRI, New Delhi, Training Programme on 'Research Methodology with Special Emphasis on Statistics' at ISI, Bangalore, Training on Research Management were organized and 89 participated.

International Training :-

32 nominations for 3 months training slots were finalized of which 4 have materialized. '29 nominations for study tours of 3 weeks' duration in 4 groups were finalised.

Grant in Aid to Universities:-

In order to strengthen infrastructure for forestry faculties in the universities imparting forestry training at graduate/post-graduate levels, financial assistance to the tune of Rs184 lakhs was granted to the following universities :

	Name of University	Rs. in lakhs
1.	Orissa Agriculture University	19.91
2.	Konkan Krishi Vishva Vidyalaya, Dapoli	8.14
3.	NERIST	10.98
4.	Y.S. Parmar University, Solan	25.81
5.	University of Agricultural Sciences, Dharwar	0.75
6.	Jawaharlal Nehru Krishi Viswavidyal	13.30
7.	G.B. Pant Agricultural University	5.22
8.	Tamil Nadu Agricultural University, Coimbatore	24.00
9.	Dr. P.D. Krishi Visvavidyalaya	38.75
10.	H.N. Bahuguna Garhwal University, Srinagar	30.00
11.	FRI Deemed University	7.64

Curricula and syllabi development

Bids for second phase of consultancy on curriculum development were invited through national dailies. The bids received were technically evaluated and negotiations carried out with the bidders. Awards of consultancy have been finalized.

Human resources development plan

Consultants viz. Institute of Applied Manpower Research, New Delhi, after carrying out detailed study in various institutes of ICFRE submitted their 1st draft report which was scrutinized by the Monitoring

Committee and lacunae were pointed out to them. They came up with modified draft report during October/November 1998, which was again found wanting on several counts. The consultants were asked to improve upon the same.

Research Fellowships

To provide back-up support to forestry research being undertaken on various institutes of ICFRE, a total of 158 fellowships were approved during the year under report.

JRFs 125

SRFs 15

RAs 28

These research fellows and associates handled research projects in various facets of forestry under the World Bank FREE Project and other projects.

FRI Deemed University

FRI Deemed University is actively engaged in running post-graduate diploma and degree courses in following 4 disciplines :

- (i) Plantation technology (P.G. Diploma).
- (ii) Pulp and paper technology (P.G. Diploma).
- (iii) M.Sc. Forestry (Economics and Management).
- (iv) M.Sc Wood Science & Technology.

In addition, the University has also undertaken Doctoral and Post Doctoral research programmes on various disciplines of forestry at different institutes of ICFRE. 45 persons were provisionally awarded Ph.D. degree during the year 1998-99.

Intake of students in various post-graduate diploma and degree programmes were as under :

Diploma Courses

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|------|--|----|
| (i) | One year post-graduate diploma course on Plantation Technology | 20 |
| (ii) | One year post-graduate diploma course on Pulp and Paper Technology | 13 |

Degree Courses

(i)	M.Sc. Forestry (Economics and Management)	Ist Year	23
		II Year	20
(ii)	M.Sc. Wood Science & Technology	Ist Year	13
		II Year	11