

**CAPACITY BUILDING
PROGRAMMES
FOR
THE FOREST OFFICERS
DURING
2006-07**



सत्यमेव जयते

**Research and Training Division
Ministry of Environment & Forests,
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Paryavaran Bhavan, C.G.O. Complex,
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FOREWORD

The Ministry of Environment & Forests (MoEF), Government of India formulates policy guidelines for capacity building of forestry personnel working in the State Forest Departments (SFDs) and organize initial in-service training courses for the officers of Indian Forest Service (IFS), State Forest Service (SFS) and Forest Range Officers (FROs) The Government of India (GOI) also boosts the efforts of the State/UT Governments in upgrading the skills and knowledge of the personnel through sponsoring/organizing of short-term refresher courses, training workshops and seminars for the officers of IFS, SFS and FROs in premier training organizations/institutions of the country and in the forestry training institutions of the MoEF. The MoEF has also been organizing promotion-linked short-term 'Advanced Forest Management' courses for the IFS officers in their 10th, 17th and 21st years of Service. Keeping in view the importance of capacity building of the personnel at the grass-root levels, from 2003-04 onwards, the MoEF has also started organizing a few short refresher courses for the frontline staff (forest guards, foresters and deputy rangers) in the forest training institutions of the MoEF and of the SFDs. All expenses for organizing the courses are borne by the MoEF. There has been very good response from the SFDs During 2005-06, 149 courses have been organised in which about 4500 personnel participated. The sponsoring of a few IFS officers for long-term courses on public policy, administration and management will be continued during 2006-07. Information on the capacity building programmes is being updated regularly on the web page of the Research and Training division of the MoEF. The IFS officers can exercise their choice of participating in a particular refresher course/training workshop through internet/e-mail.

This publication is intended for use of all the SFDs/forest officers for availing opportunities offered by the GOI. The MoEF would welcome suggestions for making improvements in implementation of the capacity building programmes organized/sponsored by the MoEF so that the forestry personnel get maximum benefit for equipping themselves for better management of forest and wildlife resources.

New Delhi
February , 2006


JC Kala
Director General of Forests and Special Secretary



जहाँ है हरियाली ।
वहाँ है खुशहाली।।

ACRONYMS

ACF	EAP
Assistant Conservator of Forests	Externally Aided Project
AFM	EFRC
Advanced Forest Management	Eastern Forest Rangers College
APCCF	FROs
Additional Principal Chief Conservator of Forests	Forest Range Officers
CCF	GIS
Chief Conservator of Forests	Geographical Information System
CFM	GOI
Community Forest Management	Government of India
CITES	GPS
Convention on International Trade in Endangered Species of Wild Flora and Fauna	Geographical Positioning System
DFE	HRD
Directorate of Forest Education	Human Resource Development
DFID	IFS
Department For International Development	Indian Forest Service
DoPT	IGNFA
Department of Personnel and Training	Indira Gandhi National Forest Academy
Dy RO	IIMB
Deputy Range Officer	Indian Institute of Management, Bangalore
	IIPA
	Indian Institute of Public Administration

IPR	PCCF
Intellectual Property Rights	Principal Chief Conservator of Forests
JFM	SFDs
Joint Forest Management	State Forest Departments
MDI	SFS
Management Development Institute	State Forest Service
MoEF	SFTSs
Ministry of Environment and Forests	State Forest Training Schools
NDC	TERI
National Defence College	The Energy and Resources Institute
NGO	UNFCCC
Non-Governmental Organization	United Nations Framework Convention on Climate Change
NTFPs	UTs
Non-Timber Forest Products	Union Territories
NWFPs	WTO
Non-Wood Forest Products	World Trade Organization

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National Training Policy

Preamble

Governments have a very significant role to play in the development process and promotion of appropriate conditions which would lend dynamism to the national efforts of social and economic development of its people. In a developing country like India, the Central Government and the State/UT Governments would need to ensure that the administrative machinery is sensitive to the dynamics of policy for the development of the available human resource. The human resource should be able to effectively meet the challenges of development – social, economic and political. Training is one of the most effective and tested tools for performance enhancement, as well as upgradation of knowledge and skills of the personnel. Organizational motivation and morale, as reflected in the attitudes and administrative culture, are rendered relevant and sharply focused through effective training programmes. Sensitivity to emerging political and social concerns, lateral thinking and re-orientation of administrative systems would require specifically focused training programmes to enable their diffusion throughout the administrative structure.

Training Objectives

2. Training in government shall strive to achieve the following objectives:
 - a) Expanding mental horizons and achieving professional excellence;
 - b) Modifying perceptions in relation to multi-dimensional linkages in policy formulation;
 - c) Promoting attitudinal reorientation in line with a changing organizational ambience so as to foster respect for citizen`s rights and recognition of community as the focal point of all public effort;
 - d) Promoting dynamism and innovation tempered with pragmatism;

- e) Equipping them intellectually and professionally for carrying out policy analysis, collecting and processing material for policy making and alternative policy choices, undertaking strategic planning;
- f) Keeping the personnel up-to-date on the activities they are concerned with, enhancing professional knowledge and skills needed for better performance of individuals and organizations; and
- g) Promoting better understanding of professional requirements as well as sensitization to social, economic and political environment in which the activities are to be undertaken.

Training Concerns

3. Social and political ambience is subject to constant change. The government machinery would have to be continuously attuned to the changing needs. Training programmes for the civil services would, therefore, focus on -
- (a) Responsiveness: to the challenging democratic needs and expectations of the citizens and organizational and technological developments.
 - (b) Commitment: to democratic values and concept of partnership and participative decision making.
 - (c) Awareness: of technological, economic and social developments
 - (d) Infusion of scientific temper.
 - (e) Accountability: to ensure high performance in every professional field and cost effective methods of service delivery.
- (can be accessed at <http://persmin.nic.in/training/index.html>)

Mandate of the Ministry of Environment & Forests

The subject of *forests & wildlife* being in the Concurrent List of the Constitution of India, the Ministry of Environment & Forests, Government of India, has mandate to formulate forest policy, enactment of central laws and rules; and issue guidelines to the States/ UT Governments concerning conservation and management of forests and wildlife. Among other broad activities of the MoEF, the training of forestry personnel has its own significance. The training activities include organizing induction and in-service training courses for the officers of the Indian Forest Service, formulation of the “Entrance and Training Rules” for the SFS officers and FROs; and organizing induction professional training courses for these officers. The MoEF also boosts the efforts of the State/UT Governments in upgrading knowledge and skills of forestry personnel through sponsoring of short-term in-service refresher courses, training workshops and seminars for the IFS officers, SFS officers and FROs. From 2003-04 onwards, the MoEF has also been organising a few training programmes for the frontline staff (deputy range officers, foresters and forest guards) in the institutions under the administrative control of the Directorate of Forest Education (DFE) and the State Forest Training Schools (SFTSs). The list of the training institutions under the MoEF is given at *Annexure-I*.

The information on training programmes is being updated regularly on the website of the ministry which can be accessed at <http://envfor.nic.in> or directly at <http://ifs.nic.in/rt>

For further information about training programmes sponsored/
organized by the MoEF, please contact:

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In-service programmes for IFS officers

Short term refresher courses

The central sector scheme of "Training of IFS officers" provides for sponsoring of short-term refresher courses of one to three week duration for the Indian Forest Service officers in the premier training institutions/ organizations in the country for updating the knowledge and skills and change of attitude for managing the natural resources of the country. The institutes organize specialized tailor-made courses on various topics/themes like human resource development, financial management, environmental impact assessment & auditing, joint forest management, intellectual property rights issues in forestry, policy and legal issues, good governance, managing of non-timber forest products for addressing livelihood concerns of local communities effective leadership and conflict resolution, impact of global warming and climate change on forests and biodiversity, geographical information system - a decision tool for forestry planning and management, eco-tourism assessment and development, economics of conservation areas, enhancing the effectiveness for implementation of government policies and programmes, wildlife management - issues, concerns and practices, eco-tourism - strategies for success, learning lessons from externally aided projects, captive management of wild animals, conservation and development of medicinal plants, natural resources accounting, bamboo resource development for livelihood generation for tribal and rural communities, role of forestry in conservation, development and management of water resources, role of agro-forestry in increasing tree cover etc.

Based on the feed back received from the participants, and the course director`s reports, the courses are evaluated, and accordingly the institutions are requested to make improvements in conducting the courses in future. The sponsoring institutions and topics/themes of the courses are also changed if the feedback is not satisfactory. In the financial year, 2005-06, the MoEF sponsored 41 one-week courses in 35 institutions on 29 topics/themes. 860 officers participated which is 58% of the nominations made. During the year 2006-07, it is proposed to sponsor about 45 courses on 37 topics/themes in 36 institutions. The list of premier training institutions organizing courses for the IFS officers is given at *Annexure-II*. The Calender of one week courses to be sponsored during 2006-07 is given at *Annexure - III*. The course contents of the refereshers courses being sponsored during 2006-07 are given at *Annexure - IV* The nominations are made by the MoEF based on the choice of the courses indicated by the officers through PCCF/internet/e-mail/letters. The officers who are not able to communicate their choices are nominated for the various courses based on the information available with the MoEF

about their present job requirements and fields of interest etc. The lists of nominations are forwarded to the Secretaries (Forests), PCCFs of States/UTs and also to the HRD nodal officers nominated by the States requesting them to relieve the officers in time. The postal addresses of the PCCFs and HRD nodal officers are given at *annexure V and VI*, respectively. During January 2004, the MoEF formulated and communicated certain guidelines to the State Governments for participation of IFS officers in the short-term refresher courses being sponsored by the MoEF. These guidelines have been made applicable from the year 2004-05 onwards.

The expenses towards course fee; and boarding and lodging of the officers are borne by the MoEF. The training institutions are reimbursed the expenses as per the rates decided by the DoPT and revised from time to time for such courses for the IAS officers. The copies of the latest orders in this regard are given at *Annexure-VII*.

Training Workshops

In addition to sponsoring short-term refresher courses, the MoEF has been sponsoring two day training workshops and seminars on emerging topics of regional, national and international importance. The objectives of sponsoring the training workshops are:-

- To upgrade knowledge and skills of the officers and provide maximum possible inputs on the topics/themes including emerging trends at national and global levels.
- Elicit suggestions through brainstorming sessions and sharing of experiences which could be useful in policy formulation by the government as well as in making improvements in the management of forest and wildlife resources of the country and implementation of various programmes/activities by the state forest departments.

The training workshops/seminars are sponsored in the premier institutions/organizations depending upon their expertise in a particular field/discipline. The themes for training workshops include knowledge management in forestry sector, role of forests in water supply and conservation, training curricula and effectiveness review, bio-prospecting, interventions required for scientific management of NTFPs and livelihood concerns of local communities, changing needs of forestry administration and management etc. The list of the topics/themes for the training workshops is given at *Annexure VIII*. In the year 2005-06, 14 training workshops were sponsored by the MoEF. The list of topics on which workshops were sponsored during 2005-06 is given at *Annexure IX* During 2006-07, it is proposed to sponsor about 16 training workshops. The calander of training workshops finalised so far is given at *Annexure X*

Guidelines for nomination of IFS officers for short-term refresher training courses being sponsored by the Ministry

1. The officers undergoing Advanced Forest Management courses at the IGNFA (in 10th, 17th and 21st years of Service) shall not be nominated for one-week refresher courses during the year.
2. The lists are normally prepared and communicated two to two and a half months in advance to the State Governments and the institutes. No requests for additions/ change will be entertained once the lists have been finalised and communicated.
3. During the last few years, it has been observed that the participation of the officers in the courses has been quite poor. Keeping in view the above, it has been decided that if an officer nominated fails to participate in the course, he/ she will not be nominated for the courses for the next two years unless the reasons for not participating were beyond the control of the officer.
4. Since the old database in the ministry on the courses has not been computerized and efforts are being made to computerize the same, there could be chances of some mistakes being crept in while making nominations. The State Governments/ PCCFs/ officers are requested to intimate the ministry immediately in case an officer has been nominated again for the same course/same institute.
5. The officers who have attained 58 years of age will not be nominated for the courses.
6. The institutions have been given instructions to forward in original the attendance sheet of the participants. The officers, who have not been serious in participating in the course, will not be nominated for training course(s) for the next two years.

Guidelines for the institutions/organizations conducting short- term refresher courses

(Organizer of the training courses are requested to follow the guidelines carefully.)

1. Immediately on receipt of list of nominations from the MoEF, the institute should request the PCCFs of the States concerned to forward the latest addresses of the nominated officers.
2. The officers nominated may kindly be intimated well in advance directly or through the PCCF concerned about the venue of the course, how to reach the place (with detailed map of location of the institute), transport facilities to be provided by the institute, arrangements for their accommodation and the detailed schedule of training for the full period of the course. As far as possible, transport facilities should be provided from the airport/railway station so that the officers may not face difficulties in reaching the place of accommodation arranged for them.
3. The institute would forward a copy of the outline of course contents well in advance to the participants and may request them to come prepared for sharing their experiences through making presentations/ interaction.
4. The institute would make necessary improvements in overall conduct of the course including residential accommodation and recreational facilities based on the feedback received from the participants.
5. The boarding and lodging facilities to be provided to the officers nominated should be adequate to the tune of the expenses to be reimbursed by the MoEF as already indicated in the offer letter.
6. Make necessary improvements in computer and library facilities. As part of the course, the institute would carefully choose the tele-films and video-films for the participants.
7. The field visits have to be quite relevant to the topic of the training.
8. There has to be right mix of internal and external resource persons.
9. Only the eminent and well experienced persons may be invited as resource persons.
10. More thrust should be given on analysis of the case studies, and discussions by the participants than the lectures.

11. The training material for circulation among the participants should be **standardized and of high quality (in bound form)**.
12. Active participation by the officers in the training course has to be ensured through encouraging them in clearing their doubts/making points.
13. The institute may also consult concerned officers in the forest department of the State where the institute is situated while designing the programme.
14. The training should have judicious blend of lectures, exercises, case studies and field visits.
15. The institute shall maintain an attendance sheet of the participants to be signed daily in the forenoons and afternoons. The attendance sheet will be forwarded to the MoEF along with other documents.
16. The feedback forms should be distributed to the participants on the first day itself. Collection of feedback forms is must. The name(s) of the officer(s), who does not return his/her feedback form, may be reported to the MoEF.
17. The feedback received from the participants should be forwarded to the MoEF in original. The feedback from the participants and the institute has to be in the new formats designed during 2004-05. The same can be downloaded from the website of RT Division (<http://www.ifs.nic.in/rt/>). The feedback documents should be forwarded in bound form and not loose sheets.
18. The institute will accept only those officers who have been nominated by the GOI and figure in the list sent by the MoEF.
19. The GOI will reimburse the boarding and lodging expenses of the *nominated participants only* for the duration of the course plus one (only) more day, if the participants happen to arrive at the venue of the course on the previous day and depart on the next day of completion of the course.
20. While forwarding the list of the participants, please *also mention officer 's code* along with cadre and year of allotment. Kindly also obtain their e-mail addresses and forward along with the above documents.
21. Institute would forward the

- (a) **List of the officers participating in the course through e-mail/fax on the first & last day of the course**
 - (b) Course Director`s report, feedback from participants in original and training material (a hard copy and soft copy) along with bills within 15 days of the completion of the course
 - (c) The pre-receipted bills (in quadruplicate) of boarding and lodging for reimbursement detailing the number of residential and non-residential participants. MoEF will not reimburse any boarding and lodging charges for the non-residential participants. Revenue stamp should be affixed on the pre-receipted bills.
22. Panel discussions on the topic *“Improvement in the working of Forest Departments-Need for Career Development through Training and Improvement of Skills”* may also be organized during the course. (Preferably on the second to fourth day). The idea for such panel discussions is to have suggestions for upgradation of skills of foresters, adoption of modern techniques and their applications in forestry activities; and advancement of individual careers with the ultimate aim of improving the working of the SFDs for efficient service delivery to the people.
23. Besides covering the relevant topics, it is requested that presentations/**discussions on experience sharing by the officers and the evaluation of the training programme, its strengths and weaknesses**, should also be made/held.
24. A copy of the correspondence made with the PCCFs/participants should be scanned and immediately forwarded to the MoEF so that the same could be put on its website for easy access by them.
25. Kindly try to correspond, as far as possible, through e-mail (except for financial matters)

Basic course on the 'Art of Living'

Vyakti Vikas Kendra - a non-profitable charitable organization organizes courses on the "*Art of Living*". To develop the full potential of life based on the ancient knowledge of the art of living and healing power of breath, daily practice of pranayam, meditation and other processes help the persons to bring about elimination of stress from the system and integration of inner faculties. This also helps in increasing their will-power, stamina and motivation. such courses have been organized by the various Ministries in the Government of India. The MoEF has also been sponsoring basic course on the 'Art of Living` for the IFS officers for the last two years. The officers found the course quite useful.

2. During 2006-07, also the MoEF decided to sponsor these basic courses for the IFS officers who have not undergone such a course previously. The PCCFs of the States/ Heads of the forestry institutions have been requested to contact the Centres of the '*Art of Living`* in the respective states for organizing these basic courses for the willing IFS officers (*There are centres of the 'Art of Living` in most of the states*). The details of addresses and locations of these centres are available on the website: www.artofliving.org, and can also be obtained from Vyakti Vikas Kendra, C-9, Green Park Extension, New Delhi (Phone No. 2656 2606/26611301). The course fee per participant is Rs. 1,500/- out of which the MoEF would reimburse @ Rs.1350/- per participant, directly to the Vyakti Vikas Kendra in Delhi. An amount of Rs.150/- will have to be paid by the participant himself/herself.

Senior Foresters Workshops being organised by IGNFA, Dehradun

Increasing realization of the fact that forests not only provide multiple benefits to mankind but also help in conserving the environment, has created global concern for their protection and sustainable management. Large-scale changes are constantly taking place in the management practices of the forest and wildlife resources. The senior forest officers have the responsibilities to play multifarious roles to deal with a variety of externalities besides coping up with the various types of emerging demands from the sector. Keeping this in view, it has been decided to organize 'Senior Foresters Workshops' for the IFS officers every year at IGNFA, Dehradun. Such workshops for the IFS officers who have completed 25 years of Service are being organised from 1998 onwards. In addition to this, it has been decided to organise workshops for the IFS officers who have completed 30 years of Service and are generally serving at the level of Additional PCCFs/PCCFs in the States.

Main objectives of organising the workshops

For the officers who have completed 30 years of Service

- To share and learn from the experiences of colleagues in managing the state forest departments including innovative solutions to some of the problems, which might have been implemented in other states
- To deliberate upon important policy/contemporary issues which have implications on the development of the forestry sector

- To interact with the IFS probationers undergoing training in the Academy and to share their vision of the SFDs
- Importance/need of cross-sectoral linkages/inter-sectoral linkages for holistic development of the forestry sector

For the offices who have completed 25 years of Service

- To discuss the changing scenario in the forestry sector and to keep pace with it.
- Issues related to cross-sectoral linkages/inter-sectoral linkages to introduce synergy for improving the quality of ecological security as well as goods and services to the society
- To provide an opportunity to the IFS probationers to interact with senior officers of the SFDs apprise them of the challenges being addressed in different states and be guided by their vision of the forestry sector.
- To discuss duties and job responsibilities at various levels and how to make them work more effectively and efficiently.

Schedule for Senior Foresters Workshops (SFW) during 2006-07

S. No.	Name of the course	Batch	Duration	Dates
1	SFW (30 years)	1976	3 days	October 25-27, 2006
2	SFW (25 years)	1981	3 days	May 24-26, 2006

Promotion – linked Advanced Forest Management Courses For IFS officers

Started during 2000-01 under the externally aided project funded by the DFID, UK and implemented by the IGNFA (till March 2004), the MoEF is continuing to organize the promotion-linked advanced forest management courses for the IFS officers in their 10th, 17th and 21st years of Service at IGNFA, Dehradun.

Till February 2006, 64 courses have been organised in which 1589 IFS officers of various batches (officers of some batches have undergone courses at two levels) participated. Based on the feedback of the courses and changing scenario of forestry at national and global levels, the IGNFA has been continuously making improvements in the contents and conduct of these courses. The MoEF has observed that participation in these courses has not been to the desired levels. In order to ensure full participation in these courses, the MoEF have issued guidelines to the State/UT Governments for the IFS officers.

Guidelines for participation in the AFM courses (issued vide No. 2-8/2003-RT dated 08th March 2004)

- 1 The participation in promotion – linked 'Advanced Forest Management` training courses for the IFS officers in 10th , 17th and 21st years of Service is compulsory.
- 2 The officers who do not participate in the courses on their own –
 - (a) would not be considered for central deputation for a period of five years
 - (b) would not be given cadre clearance/considered for long as well as short-term courses/workshops/seminars abroad for a period of five years
- 3 In cases where the officers could not participate because of reasons beyond their control, the State Government would certify the same and would recommend their nomination for participation in the special courses to be conducted every three years. Detailed plan for such courses will be chalked out by the IGNFA.

**Schedule of AFM courses being organized by
IGNFA, Dehradun**

Course	For officers of		
	1985 Batch	1989 Batch	1996 Batch
First	April 17-28, 2006	May 08- 19, 2006	May 05- 23, 2006
Second	June 26 - July 07, 2006	July 17- 28, 2006	-
Third	July 31 - August 11, 2006	-	August 21- September 08, 2006
Fourth	September 18 - 29, 2006	-	-

Special courses

(for the officers who could not participate in the courses when they were nominated along with other batchmates)

Number of Courses	For officers of		
	1983 & 1984 Batches	1987 & 1988 Batches	1995 & 1996 Batches
One	November 06 - 17, 2006	November 20 - December 01, 2006	January 08 - 26, 2007

* * *

Sponsoring of long-term courses for IFS officers

The MoEF, being the cadre controlling authority for the Indian Forest Service, has been organizing initial professional training for the IFS officers at the IGNFA, Dehradun. Apart from this, MoEF has been boosting the efforts of the State Governments in organizing / sponsoring short-term in-service training programmes for the IFS officers by sponsoring one/three-week refresher courses, Advanced Forest Management courses (at IGNFA); and training workshops and seminars on various themes/topics. The DoPT and the Ministry of Finance also have a few schemes wherein the officers are sponsored for undergoing various training courses within India and abroad. A few other institutions under the government, autonomous bodies under the GOI and private institutions have also been organising long-term training courses on topics concerning public policy and administration in which the officials of the government also participate.

2. Details of a few such courses are given below:

S. No.	Name of the institution	Name of the course /degree	Duration (in months)	Likely month of start of course
1	Indian Institute of Public Administration (IIPA), New Delhi <i>http://persmin.nic.in/otraining/index.html</i>	Advanced Professional Programme in Public Administration	Nine	August
2	Centre for Public Policy, Indian Institute of Management (IIM), Bangalore <i>http://persmin.nic.in/otraining/index.html</i>	Post-graduate Programme in Public Policy and Management	Twelve	June
3	National Defence College (NDC), New Delhi <i>http://www.ndc.nic.in/course.htm</i>	National Security and Strategic Studies	Eleven	January
4	The Energy and Resources Institute (TERI), New Delhi <i>http://persmin.nic.in/otraining/index.html</i> <i>www.teriin.org</i>	MA in Public Policy and Sustainable Management	Twenty four	January

5	Management Development Institute (MDI), Gurgaon http://www.mdi.ac.in	National Management Programme	Twelve	July
6	Department of Personnel and Training <i>Domestic</i> Funding Scheme http://persmin.nic.in/eod/foreigntraining/domestic_funding.htm Partial Funding of Foreign Study` Scheme http://persmin.nic.in/otraining/index.html	There are a number of courses beginning in different months of the year. The details are available on the website.		
7	Training programmes sponsored by the Ministry of Finance http://finmin.nic.in	There are a number of courses beginning in different months of the year. The details are available on the website.		

3. Due to financial constraints, sometimes the State Governments are not able to sponsor IFS officers for participating in these courses. The MoEF has decided to sponsor a few IFS officers for undergoing long-term courses by reimbursing the course fee, if any, provided the salary and other allowances of the officers are borne by the parent cadre state/organisation. The admission to these courses will have to be secured by the officers concerned themselves based on the criteria and procedures prescribed by each institute/organization including obtaining necessary approvals by the State Governments/GOI.

4. In case the number of applicants seeking sponsorship is more, the criteria for sponsoring of the officers by the MoEF selected by the institutes/organizations for the above mentioned courses would be as below:

- i. The officer should not have undertaken any long-term foreign training course (three months and above)
- ii. The officer should not have participated in any long-term course in India (more than six months)

- iii. The officer should not have availed study leave (with normal pay as per All India Services Rules)
- iv. In case number of applicants is more, the sponsoring of officers would be based on their assessment of the ACRs for the last 5 years
- v. In a year, preference will be given to officers who are older in age, if more applications are received
- vi. Salary shall be paid by State Government/organizations concerned where the officer is serving at the time of deputation for the course
- vii. A few slots each for each course, shall be reserved for the officers on deputation to the GOI/autonomous organisations of the GOI/officers on deputation outside their cadre states

* * *

E-mail id for the IFS officers provided by the MoEF

With the help of National Information Centre (NIC), Government of India, the MoEF has assigned specific e-mail id to all the IFS officers of the country. It has two parts i.e.

<u>Officers Code</u>	<u>@ ifs.nic.in</u>
(A)	(B)

Part B is common for all the IFS officers. For example, the officer code AM/031 pertains to Shri Sunil Kumar, IFS (1979), Assam-Meghalayala Cadre. Hence, his e-mail id will be

am031@ifs.nic.in

The officers may have access to his mail box as below:

Go to http://mail.ifs.nic.in

for Login - write(for example) am031@ifs.nic.in

Password (initially for all)- ifs2005

The officers can configure their e-mail ids in outlook express and change the password

The institutes may contact the nominated officers through their e-mail ids. In the list of nominations, the officer codes are clearly mentioned for this purpose.

(All the IFS officers are requested to use the e-mail id provided by the MoEF for easy access to all information sent by the MoEF regularly.)

In-service courses for SFS Officers, FROs and the frontline staff

(Organised by the Directorate of Forest Education, Dehradun)

The Directorate of Forest Education, Dehradun organizes induction professional courses for the SFS officers and FROs in accordance with the “Entrance and Training Rules” notified by the Government of India.

2 Apart from this, the Directorate also organises short-term general refresher and theme-based courses for the SFS officers and the FROs, During 2005-06, the DFE organized 23 short- term refresher courses and 3 training workshops for the SFS officers and FROs. The details of induction, refresher and theme- based courses proposed to be organised during 2006-07 are given below. Complete details and schedule of the courses can be obtained from the DFE or principals of the respective colleges.

3. Further to strengthen the efforts of the State/UT Governments in capacity building of the frontline staff, the most important grass-root level in the forestry hierarchy, the MoEF in consultation with the States/UTs, has started organizing a few refresher courses for them since 2004-05. All expenses for organising these courses are reimbursed by the MoEF. There has been very good response from the SFDs. During 2005-2006 , 149 courses were organized for the frontline staff in which about 4500 personnel participated. This programme will be continued during 2006-07 also. It is proposed to organise about 140 courses, both general as well as theme-based.

Guidelines for the institutions/organizations conducting short-term refresher courses

Sl. No.	Course details	Type of the course	No. of courses
1	Refresher courses for the SFS officers	Two-week general refresher courses	05
2	Refresher courses for FROs	Two-week general refresher courses to be organised at SFS colleges, Dehradun and Coimbatore and EFRC, Kurseong	05
3	Theme-based courses for SFS officers	Two-week courses on computer applications (basic & advance), joint forest management & sustainable rural development, policy and legal issues and international conventions, biodiversity conservation and climate change, project formulation and environmental impact assessment at SFS colleges, Dehradun, Coimbatore and Burnihat and EFRC, Kurseong. it is also proposed to organise three-day training workshops on important themes	11 03
4.	Refresher courses for FROs	Two-week courses on 'training of trainers' for FROs at SFS college, Dehradun and Coimbatore It is also proposed to organise three-day training workshops on important themes.	02 02
5.	Refresher courses for frontline staff	Two-week refresher courses for DyROs, Foresters/Forest Guards at State Forest Training Schools of the respective states.	140
	Total		168

Annexure-I

List of forestry training institutions under the Ministry of Environment & Forests

- 1 Director,
Indira Gandhi National Forest Academy,
P O New Forest,
Dehradun-248 006, Uttaranchal
(Tel: 0135-2754647, Fax: 2757314, EPABX No:275316)
E-mail: ignfa@ignfa.up.nic.in
Website: www.ignfa.up.nic.in
2. Directorate of Forest Education,
P O New Forest, Dehradun 248 006, Uttaranchal
(Tel: 0135-2757326, Fax: 2750125)
Email: thedfedun@yahoo.com
 - i) Principal,
State Forest Service College,
P O New Forest, Dehradun 248 006, Uttaranchal
(Tel. 0135 -2754648, Telefax. 2754575)
Email: sfsddn6@vsnl.net.in
 - ii) Principal,
State Forest Service College,
R.S. Puram, Post Box No. 1130,
Coimbatore - 641 002, Tamil Nadu
(Tel. 0422 -245 0313/1605 Fax:- 2450439)
Email: sfsc.cbe@vsnl.com
 - iii) Principal,
State Forest Service College,
G.S. Road, Burnihat - 793 101, Assam
(Telefax: 0361 -2896246, 2896265)
 - iv) Principal,
Eastern Forest Rangers College,
P.O. St. Marys` Hills,
Kurseong - 734 220, West Bengal
(Telefax: 0354 - 2331302)
Email: udayan@md4.vsnl.net.in

Annexure-II

List of the premier training institutions organizing refresher courses

- 1 Arid Forest Research Institute,
Director,
P.O. Krishi Mandi, New Pali Road,
Jodhpur-342 005, Rajasthan
(Tel:- 0291-2722549, Fax:-2722764)
E-mail: rlsrivastava@afri.res.in
- 2 Andhra Pradesh Forest Academy,
Director,
Dulapally, Hyderabad-500 014, Andhra Pradesh
(Tel:- 040-23097163, 23096734, Fax:- 23237889)
E-mail: apfa@rediffmail.com
- 3 Administrative Staff College of India,
Dean of Studies,
Bellavista, Raj Bhavan Road,
Hyderabad-500 082, Andhra Pradesh
(Tel:- 91-40-23310460/0952, Fax:- 23312954)
E-mail: padam@asci.org.in, Website: www.asci.org.in
- 4 Amity School of Natural Resources & Sustainable
Development,
Associate Professor,
Amity University Campus, Sector-125,
Noida-201 301, Uttar Pradesh
(Tel:- 0120-5392153 Fax: 2431878/5392145)
E-mail: makhalid@amity.edu
Website: www.amity.edu
- 5 Centre for Eco-tourism & Sustainable Livelihoods,
Conservator of Forests (Eco-tourism) & Director,
Corbett Tiger Reserve,
Ramnagar-244 715, Uttranchal
(Tel: 05947-286 459).

- 6 Centre for Training & Management of
Soil, Water & Forests (CMF),
Chief Conservator of Forests (Training)/Secretary
Forestry Training Institute,
Kidwai Nagar,
Kanpur-208 011, Uttar Pradesh
(Tel:- 0512-2641342, Fax:- 2604259)
E-mail:- ftikanpur@sify.com
- 7 Forest Survey of India,
Director,
PO - KDMIPE, Kaulagarh Road,
Dehradun-248 006, Uttaranchal
(Tel: 0135-2750507, 2657022 Fax: 2759104)
E-mail: fsdir@nde.vsnl.net.in, saibal@fsi.org.in
- 8 Forest Research Institute,
Director,
P.O. New Forest, Dehradun-248 006, Uttaranchal
(Tel: 0135-2755277, Fax: 2757326).
- 9 Forestry Training Institute,
Director,
J.L.N Marg, Bajaj Nagar Turn,
Jaipur-302 015, Rajasthan
(Tel: 0141-2710034
Fax: 2227836/2227832/2705116/2710034).
Email: ftijpr@hotmail.com
- 10 Gujarat Ecological Education & Research,
Director,
Foundation Indroda Nature Park, P.O. Sector-7,
Gandhinagar-382 007, Gujarat
(Tel:- 91-79-23221385/23226829, Fax: 23241128)
E-mail:- dir-geer@gujarat.gov.in
Website:-geerfoundation.gujarat.gov.in
- 11 Haryana Forest Development Corporation,
Managing Director & Chief Conservator of Forests
Govt. of Haryana, Van Bhawan, Sector-6,
Panchkula-134 109, Haryana
(Telfax:- 0172-2564463,)
E-mail:- pahmed56@yahoo.com

- 12 H.P. Institute of Public Administration,
Director,
Fairlawns,
Shimla-171 012, Himachal Pradesh
(Tel :- 0177-2647855, Fax:- 2647855)
E-mail:- director@hipa.hp.nic.in
- 13 Indian Council of Forestry Research & Education,
Head, B.C.C. Division
P.O. New Forest,
Dehradun-248 006, Uttaranchal
(Tel: 0135-2750296, Fax: 2750298, EPABX No:- 2759646)
- 14 Indira Gandhi National Forest Academy,
Director,
P O New Forest, Dehradun-248 006, Uttaranchal
(Tel: 0135-2754647, Fax: 2757314, EPABX No:275316)
E-mail: ignfa@ignfa.up.nic.in
Website: www.ignfa.up.nic.in
- 15 Indian Plywood Industries Research and Training
Institute,
Director,
Post Box No.2273, Tumkur Road,
Bangalore-560 022, Karnataka
(Tel:- 080-28394341,28394231-32-33 Fax:- 2839631)
E-mail: ipirti@giasbg01.vsnl.nel.in
Website:- www.ipirit.com
- 16 Institute of Wood Science and Technology,
Director,
18th Cross, Malleswaram,
Bangalore-560 003, Uttaranchal
(Tel: 080-23341731, Fax: 23340529)
E-mail: director@iwst.res.in
- 17 Indian Institute of Forest Management,
Director,
P.B. 357, Nehru Nagar,
Bhopal-462 003, Madhya Pradesh
(Tel No:- 0755-2775998/2773799, Fax No:-2772878).
E-mail: iifmmail@iifmb.ren.nic.in
Website:-www.iifm.ac.in

- 18 Indian Institute of Management,
Programme Manager,
Prabandh Nagar,
off. Sitapur Road,
Lucknow-226 013, Uttar Pradesh
(Tel:- 0522-2734101 to 23, Fax:- 2734025/26)
E-mail: mdpoffice@iiml.ac.in
- 19 Indian Institute of Management,
Director,
Bannerghatta Road,
Bangalore-560 076, Karnataka
Tel:- 080-26993090/26582450, Fax No:- 26584050).
E-mail: malathis@iimb.ernet.in
- 20 Indian Institute of Remote Sensing (IIRS),
Head, Forests & Ecology Division
Dept. of Space, Govt. of India,
4, Kalidas Road, P.B. No. 135,
Dehradun- 248 001, Uttaranchal
(Tel:- 0135-27445183 Ext-2425, Fax No:- 2741987/2748041)
E-mail: spskushwaha@yahoo.com
- 21 Jungle Lodges and Resorts Ltd.,
Managing Director,
2nd Floor, Shrungar Shopping Center,
M G Road,
Bangalore - 560 001, Karnataka
(Tel: 080 - 25597021/24/25, Fax - 25586163)
Email: info@junglelodges.com
- 22 Kerala Forest Research Institute,
Director,
Thrissur,
Peechi- 680 653, Kerala
(Tel:- 0487-2699884,Fax:-2699249)
E-mail: jksharma@kfri.org
Website: www.kfri.org

- 23 NIIT GIS Limited,
Senior Consultant & Education Services Coordinator
8, Balaji Estate, Sudarshan Munjal Marg, Kalkaji,
New Delhi-110 019
(Tel:- 011-26203840, 26482054, Fax: 26203838, 26203333)
E-mail: Seema.Joshi@niit-tech.com
Website: www.esriindia.com
- 24 National Institute of Rural Development,
Professor & Head (CESD),
Rajendranagar,
Hyderabad- 500 030
(Tel:- 040-24008423, Fax: 24016500/24015277)
E-mail: cit@.gov.in, nirdhy@hub.nic.in
- 25 National Academy of Audit and Accounts,
Deputy Director,
Railway Board Building,
Shimla 171 004, Himachal Pradesh
(Tel:- 0177-2803178/ 2652458 Fax:- 2657994)
- 26 Regional Centre,
National Afforestation & Eco-Development Board,
Joint Coordinator,
Jadavpur University,
Kolkata-700 032, West Bengal
(Tel:- 033-2414-6979, Fax: 2414-6886)
E-mail: asismazumdar@yahoo.com
- 27 RCVP Noronha Academy of Administration and Management,
Course Coordinator,
1100 qtrs. Near Shahpura Lake, Post Bag No. 506,
Bhopal- 462 016, Madhya Pradesh
(Tel:- 0755-5279098, Fax 2464244)
E-mail: cfmpacademy@rediffmail.com
- 28 State Medicinal Plants Board,
Chief Conservator of Forests &
Member Secretary,
Haryana Forest Department
Van Bhavan, C-18, Sector 6,
Panchkula-134 109, Haryana
(Tel:- 0172-2560706, Fax:- 256 3988)

- 29 Tropical Forest Research Institute,
Director,
P.O.- RFRC,
Jabalpur-482 012, Madhya Pradesh
(Tel: 0761-2840483, 5044002)
E-mail: dir_tfri@yahoo.co.in
- 30 The Energy and Resources Institute,
Fellow, Forestry and Biodiversity Area,
Darbari Seth Block,
Habitat Place, Lodhi Road,
New Delhi-110 003
(Tel:- 011-24682100/11 Fax:- 24682144/45)
E-mail: kssethi@teri.res.in,
 mailbox@teri.res.in
Website:- www.teriin.org
- 31 Vidya Vikas Mandal`s,
Institute of Management Training & Research,
Director,
Shree Damodar College Complex,
Govind Ramnath Kare Road,
P.O. Box 413, Tansor,Comba,
Margao-403 601, Goa
(Tel:- 0832-2732663, 09326128298 (M) Fax:- 0832-2732084).
E-mail: imtr_goa@yahoo.com
- 32 Vaikunth Mehta National Institute of Co-Operative
Management,
Director,
University Road,
Pune-411 007, Maharashtra
(Tel:- 91-020-25537974-78 , Fax:-25537726)
E-mail: info@vamnicom.org,
Website:- //vamnicom.org
- 33 Van Vihar National Park,
Conservator of Forests & Director,
Bhadbhada Road, Post Box-348,
Central TT Nagar,
Bhopal-462 003, Madhya Pradesh
(Tel:-0755-2674278/5240692)
E-mail: dirvnp@sancharnet.in ; ajoykb@sancharnet.in

- 34 Wildlife Institute of India,
Director,
P.B.No.18, Chandrabani,
Dehradun-248 001, Uttaranchal
(Tel: 0135-2640111 to 15 Fax: 2640117).
E-mail: wii@wii.gov.in
- 35 World Wide Fund for Nature-India,
Programme Director,
172-B, Lodi Road,
New Delhi-110 003
(Tel:- 011-51504815 to 18, Fax: 51504779/51504795)
E-mail: sworah@wwfindia.net
- 36 Xavier Institute of Management,
Faculty of Rural Management
Xavier Square,
Bhubneshwar-751 013, Orissa
(Tel:- 0674-2300007 Ext130, Fax: 2300995)
E-mail:- neeraj@ximb.ac.in
- 37 Zoo Society
Divisional Forest Officer,
Assam State Zoo, R.G. Baruah Road,
Guwahati-781 005, Assam
(Tel: 0361-2201363, 09864055135, Fax: 2601425).

Annexure-III			
Calender of one-week refresher courses to be sponsored for the indian Forest Service Officers			
S. NO.	NAME OF THE INSTITUTE	TOPICS	CONFIRMED DATES
1	NIIT GIS Limited, New Delhi	GIS: Application for Effective Forestry Planning & Management	April 24 - 28, 2006
2	Administrative Staff College of India (ASCI), Hyderabad	Natural Resources Management and Conflict Resolution	May 08 -12, 2006
3	Xavier Institute of Management (XIM), Bhubaneswar	Communication and Presentation Skills	May 08 - 12, 2006
4	Forest Survey of India (FSI), Dehradun	Application of Remote Sensing & GIS in Forest Management	May 15 - 19, 2006
5	The Energy and Resources Institute (TERI), New Delhi	Leveraging Clonal Technology & Modern Nursery Techniques for Production Forestry	June 05 - 09, 2006
6	H.P. Institute of Public Administration, Shimla	Good Governance	June 12 - 16, 2006
7	Regional Centre, National Afforestation and Eco-Development Board, Jadavpur University, Kolkata	Water Conservation and Rain Water Harvesting	June 12 - 16, 2006

8	Jungle Lodges and Resorts Limited, Bangalore	Eco-tourism-Assessment and Development	June 19-23, 2006
9	Indian Institute of Remote Sensing (IIRS), Dehradun	Application of Remote Sensing and GIS in Forest Management	July 10-14, 2006
10	National Academy of Audit & Accounts (NAAA), Shimla	Financial Management and Audit Sensitization	July 17-21, 2006
11	Amity School of Natural Resources & Sustainable Development, Noida	Role of Forestry in Conservation, Development and Management of Water Resources	July 17-21, 2006
12	Forest Research Institute (FRI), Dehradun	Management of Non-Timber Forest Products for Sustainable Development	August 07-11, 2006
13	Indian Institute of Management (IIM), Bangalore	Enhancing the Effectiveness for Implementation of the Government Policies and Programmes	August 21-25, 2006
14	Arid Forest Research Institute (AFRI), Jodhpur	Integrated Approach for Sustainable Development of Fragile Desert Eco-system.	August 21-25, 2006
15	Administrative Staff College of India (ASCI), Hyderabad	Communication and Presentation Skills	September 04-08, 2006
16	Indian Plywood Industries Research and Training Institute (IPIRTI), Bangalore	Bamboo Resource Development for Addressing Livelihood Concerns of Communities	September 11-15, 2006
17	Kerala Forest Research Institute (KFRI), Peechi, Kerala	Biodiversity Documentation, Evaluation and Monitoring	September 11-15, 2006

18	RCPVN Academy of Administration and Management, Bhopal	Strategies in Anti-Poaching- Conservation and Bio-Diversity	September 11-15, 2006
19	Jungle Lodges and Resorts Limited, Bangalore	Eco-tourism-Wildlife and Habitat Management	September 18-22, 2006
20	Indian Council of Forestry Research & Education (ICFRE), Dehradun	Climate Change and Relevance to Forestry Sector	October 09-13, 2006
21	Vaikunth Mehta National Institute of Co-operative Management (VAMNICOM), Pune	People`s Participation in Watershed Management	October 09-13, 2006
22	H.M.N. Gaunekar Institute of Management Training & Research, Goa	New Trends and Experiences in Human Resource Development	October 09-13, 2006
23	Indira Gandhi National Forest Academy (IGNFA), Dehradun	Policy and Legal Issues in Forestry	October 09-13, 2006
24	Centre for Training & Management of Soil, Water & Forests (under FTI), Kanpur <i>(to be organized at Lucknow)</i>	Captive Management of Wild Animals	November 06-10, 2006
25	Centre for Eco-tourism & Sustainable Livelihoods, Corbett Tiger Reserve, Ramnagar, Nainital	Use of Appreciative Participatory Planning & Action (APPA) Methodology for Community Based Tourism (CBT)	November 06-10, 2006
26	Kerala Forest Research Institute (KFRI), Peechi, Kerala	Conservation and Development of Medicinal Plants and Benefit Sharing with Local Communities	November 13-17, 2006

27	NIIT GIS Limited, New Delhi	GIS : Application for Effective Forestry Planning & Management	November 20-24, 2006
28	State Medicinal Plants Board (SMPB), Panchkula, Haryana	Conservation and Development of Medicinal Plants	November 20-24, 2006
29	Tripura Forest Department, Agartala	Joint Forest Management :- Challenges and Opportunities	November 20-24, 2006
30	Wildlife Institute of India (WII), Dehradun	Wildlife Management: Issues, Concerns and Practices	December 04-08, 2006
31	Indian Institute of Management (IIM), Bangalore	Effective Leadership & Conflict Resolution	December 04-08, 2006
32	Gujarat Ecological Education & Research (GEER) Foundation, Gujarat	Changing Scenario of Forestry and Wildlife of the Country and the Management of Change	December 04-08, 2006
33	Indian Institute of Forest Management (IIFM), Bhopal	Sustainability of Joint Forest Management	December 11-15, 2006
34	Forestry Training Institute (FTI), Jaipur	Prevention, Detection and Investigation of Wildlife Crimes	December 11-15, 2006
35	Andhra Pradesh Forest Academy (APFA), Dulapally, Hyderabad	Livelihood Enhancement Strategies in Forest Fringe Villages	January 08-12, 2007
36	Van Vihar National Park, Government of Madhya Pradesh, Bhopal	Eco-tourism and Livelihoods	January 08- 12, 2007

37	The Energy and Resources Institute (TERI), New Delhi	Development of Clean Development Mechanism Projects under Land Use, Land Use Change and Forestry : Theory and Practice	January 08-12, 2007
38	H.M.N. Gaunekar Institute of Management Training & Research, Goa	Total Quality Management	January 15-19, 2007
39	Indian Wood Science & Technology (IWST), Bangalore	Biotechnology for Forest Conservation	January 15-19, 2007
40	Zoo Society, Guwahati, Assam	Sharing of Experiences in Wildlife Management in Assam	February 05-09, 2007
41	Haryana Forest Development Corporation (HFDC), Panchkula	Role of Agro-forestry in Increasing Tree Cover	February 05-09, 2007
42	Xavier Institute of Management (XIM), Bhubaneswar	Efficient Management and Development of Formal and Informal Networks	February 05-09, 2007
43	Tropical Forest Research Institute (TFRI), Jabalpur	Management of Tropical Forests-Issues and Challenges	February 12-16, 2007
44	Jungle Lodges and Resorts Limited, Bangalore	Eco-tourism-Assessment and Development 2007	February 12-16, 2007
45	Indian Institute of Management (IIM), Lucknow	Prospects of Micro-finance in Forestry	February 19 - 23, 2007

COURSE CONTENTS
for the short-term refresher courses for the IFS officers
to be sponsored during the year
2006-07

1 Topic : Biotechnology for Forest Conservation
[Institute of Wood Science & Technology, Bangalore]

Course Contents

- i. Overview of plant biotechnology: scope and limitations
- ii. Genetic variation and biotechnological tools for mapping genetic diversity within and between species for improvement, conservation and certification of clones
- iii. Biotechnology in the improvement of major forest species like teak, eucalyptus, sandal etc
- iv. Biotechnology in the improvement of bamboo species.
- v. Biotechnology in the improvement of non-timber forests produce including medicinal plants
- vi. Biotechnological tools for identification of desired traits for genetic improvement for salt/drought tolerance, disease resistance
- vii. Plant tissue culture as a tool for propagation and conservation of threatened plant species
- viii. Biotechnological tools for ex-situ conservation of germplasm.
- ix. Wood and cellulosic biotechnology and its industrial utilization
- x. Biotechnology and integrated pest management
- xi. Molecular biology in forestry research-use of molecular methods for the detection and identification of wood biodeteriorating agents
- xii. Drugs from plants
- xiii. Wood/bark extracts as adhesive and preservatives
- xiv. Environmental biotechnology: concepts, definition and criteria
- xv. Phytoremediation: application with tree species

2 Topic : Management of Tropical Forests-Issues and Challenges

[Tropical Forest Research Institute, Jabalpur]

Course Contents

- i. Status of tropical forests
- ii. Management of wildlife in tropical forests
- iii. Management of NWFP in tropical forests-problems and prospects
- iv. Role of remote sensing and geographic information system in management of tropical forests
- v. Means of increase in area & productivity of tropical forest.
- vi. Sustenance of tribal on tropical forests
- vii. Role of tropical forests in climate change
- viii. Biodiversity conservation in tropical forests
- ix. Insect, pest and disease in tropical forests

3. Topic: People`s Participation in Watershed Management

[Vaikunth Mehta National Institute of Co-operative Management, Pune]

Course Contents

- i. Command area development
- ii. Big dams vs small dams
- iii. Participatory irrigation management
- iv. Integrated water shed development programmes.
- v. Role of cooperatives in irrigation management.
- vi. Lift irrigation cooperatives
- vii. Pani-panchayats and water shed committees
- viii. Compensation to displaced persons
- ix. Sharing of benefits in community irrigation projects

4. Topic: Role of forestry in conservation, development and management of water resources

[Amity School of Natural Resources & Sustainable Development, Noida]

Course Contents

- i. Introduction to forestry practices in India
- ii. Historical perspectives of conservation & management of water resources in India
- iii. Role of afforestation in conservation & management of water resources
- iv. Soil conservation and enrichment
- v. Regeneration of wastelands
- vi. Surface water harvesting
- vii. Replenishment of the falling water reserves
- viii. The ecological and economic perspectives
- ix. Case studies

5. Topic: Climate Change and Relevance to Forestry Sector

[Indian Council of Forestry Research & Education, Dehradun]

Course Contents

- i. Introduction and background to Climate Change and International Climate Change Conventions, (UNFCCC) and Kyoto Protocol
- ii. Flexibility mechanisms under Kyoto Protocol, CDM and Government initiatives
- iii. Kyoto protocol and forestry
- iv. Climate change impact on forest eco-systems
- v. Global forests and climate change mitigation
- vi. Forest carbon stock assessment
- vii. Managing forest eco-systems as carbon pool
- viii. Role of forestry practices and climate change negotiations
- ix. India`s first National Communication (NATCOM) to the UNFCCC and preparations for the 2nd NATCOM
- x. Case Studies for demonstrating C feasibility Projects using PROCOMAP Model

- xi. Models of afforestation and reforestation projects and linking other land based projects i.e. biodiesel for C credits
- xii. Preparation of Project Design Document (PDD) for A/R projects under Kyoto Protocol

6. Topic: Communication and Presentation skills
[Xavier Institute of Management, Bhubaneswar]

Course Contents

- i. Professional Communication: basics and need
- ii. Principles and essentials of communication
- iii. Written communication, learning with exercises
- iv. Feed back/ sharing experiences
- v. Oral communication: Basics and exercises
- vi. Presentation, basics and types of presentation
- vii. Learning by doing (presentation)
- viii. Other official communication: types and basics
- ix. Skill practices
- x. Self monitoring of communications
- xi. Feedback and recapitulation

7. Topic: Natural Resources Management and Conflict Resolution
[Administrative Staff College of India, Hyderabad]

Course Contents

- i. Natural resources management-overview
- ii. Impact of conflict in natural resources management
- iii. Types of conflict and need for conflict resolution
- iv. Analyzing conflicts and learning
- v. Methodology for conflict management
- vi. Strategies for managing conflict
- vii. New Approaches- alternate dispute resolution
- viii. Case studies and international experience
- ix. Participants experience sharing

8. Topic: Communication and Presentation Skills
[Administrative Staff College of India, Hyderabad]

Course Contents

- i. Organizational communication
- ii. Interpersonal communication
- iii. Nonverbal communication
- iv. Negotiation skills
- v. Individual and organizational barriers
- vi. Presentation skills, conferencing skills

9. Topic : Wildlife Management: Issues, Concerns and Practices
[Wildlife Institute of India, Dehradun]

Course Contents

- i. Wildlife and protected area management issues
- ii. Protected area network planning and evaluation
- iii. Management planning and evaluation
- iv. Wildlife health management
- v. Wildlife legislations: domestic & international
- vi. Conservation and management of species
- vii. Ex-situ conservation initiatives
- viii. Eco-development planning and community participation

10 Topic: Application of Remote Sensing & GIS in Forest Management
[Forest Survey of India, Dehradun]

Course Contents

- i. Use of modern tools in GIS
- ii. Application of remote sensing and GIS in forestry
- iii. Practical exposure on interpretation of satellite imageries
- iv. Case studies on use of GIS in forestry especially in working plan preparation, fire risk zonation etc
- v. Latest advancements on applications of these technologies
- vi. Demonstration on the use of handheld GPS

11 Topic : Management of Non-Timber Forest Products for Sustainable Development

[Forest Research Institute, Dehradun]

Course Contents

- i. NTFP based forest management-problems & prospects
- ii. Natural Resource Inventory and survey on non-wood plants
- iii. Cultivation and marketing of medicinal plants
- iv. NTFP based JFM in good forests
- v. Legislation for biodiversity conservation
- vi. Cultural and economic importance of NTFP
- vii. Green technologies in value addition of NTFP
- viii. Marketing information system
- ix. Sustainable management of NTFP of animals origin
- x. Green certification of NTFP
- xi. Internal conventions and NTFP trade

12 Topic: Applications of Remote Sensing and GIS in Forest Management

[Indian Institute of Remote Sensing, Dehradun]

Course contents

- i. Remote sensing: fundamentals and technology
- ii. Geographic Information System (GIS): fundamentals and technology
- iii. Special properties of vegetation
- iv. Visual image interpretation for forest mapping and change detection
- v. Applications of remote sensing and GIS in forest change detection and monitoring
- vi. Digital image interpretation for forest cover mapping
- vii. Remote sensing in forest disease detection and monitoring
- viii. Remote sensing and GIS in growing stock assessment
- ix. Introduction to revision and updating of forest working plans using remote sensing and GIS
- x. Forest fire risk assessment modeling
- xi. Wildlife habitat evaluation using geospatial modeling

- xii. Biodiversity characterization at landscape level using remote sensing and GIS
- xiii. Forest cover mapping in India
- xiv. Mapping of tree cover outside forest areas
- xv. Forest inventory planning using remote sensing
- xvi. GIS for forest management and biodiversity in India
- xvii. Environmental impact assessment
- xviii. Eco-developmental planning in India

13 Topic: Financial Management & Audit Sensitization
[National Academy of Audit & Accounts, Shimla]

Course contents

- i. Budget management & fiscal responsibility
- ii. Accounts as an aid to management-opportunities and limitations
- iii. Externally aided projects: funding and implementation, role of financial advice system
- iv. Vetting of financial proposal, issues in purchase, contracting & Inventory management
- v. Effective financial management of forest projects/schemes
- vi. Project appraisal, risk analysis, fraud awareness
- vii. Executive responsibility in respect of Audit of CAG, audit of environment – emerging issues
- viii. Audit of forest – receipts/typical cases of financial & operational mismanagement
- ix. Lessons from audit issues in forest management with special reference to wild life
- x. A panel discussion on a selected topic relating to financial management or audit

14 Topic : GIS : Application for Effective Forestry Planning and Management
[NIIT GIS Limited, New Delhi]

Course contents

Introduction to GIS

- i. What is GIS ?
- ii. How does a GIS work ?
- iii. Data representation & models

- iv. Capturing GIS data, GIS data sources, data integration
- v. What`s special about GIS – visualization, information retrieval, network, terrain, criterion and change analysis
- vi. GIS in forestry – some applications

GIS in joint forests management, GIS in forests change detection, GIS in forest resources management and utilization, GIS in site suitability for plantations & re-forestation, GIS in wild life conservation and migration, GIS in watershed treatment on forests, GIS in forest disaster management, GIS in eco-tourism development

- i. Map surfing

GIS in my Work – I

- i. Querying geographic locations
- ii. Thematic mapping & classifications
- iii. Symbolizing vector / raster data, creating new symbols
- iv. Preparing data for analysis
- v. GIS in forest land and record management, management of conservation areas
- vi. Hands-on exercises

GIS in my Work – II

- i. Map projections & geo-referencing, mosaicing
- ii. Creating and editing new layers
- iii. Adding and updating attribute information, annotations and labels
- iv. Integrating MIS to GIS
- v. Looking at data with graphs and reports
- vi. Map production, designing, factors controlling design, The final print
- vii. Global Positioning Systems (GPS) & its applications in forestry sector
- viii. Hands-on exercises

GIS Analysis

- i. Proximity analysis
- ii. Multi layer analysis
- iii. Districting
- iv. Change analysis
- v. Hands-on exercises
- vi. GIS in Eco-tourism development, joint forest management and sustainable use of natural forest

Case Studies & GIS Implementations

- i. Case study - forest fire analysis (hands-on experience)
- ii. Implementation approaches, issues & success factors
- iii. Experience sharing - case studies from ESRI India and other organizations

15 Topic : Sustainability of Joint Forest Management *[Indian Institute of Forest Management, Bhopal]*

Course Contents

- i. Policy and legal framework of JFM
- ii. Identifying salient features of sustainability
- iii. Comparison of success & failure case study
- iv. Criteria & indicators of JFM
- v. Institutional process and conflict resolution mechanism
- vi. Ecological, economic & social sustainability
- vii. Gender role and gender sensitivity
- viii. Monitoring & evolution – ecological, economic, social, institutional & financial analysis
- ix. Participatory methodologies

16. Topic: Policy & Legal Issues in Forestry *[Indira Gandhi National Forest Academy, Dehradun]*

Course contents

- i. IFA 1927 and its amendments
- ii. Immunity to public servants under 197 CrPC
- iii. Contempt of Court
- iv. Flaws in the court procedures and loop holes in wildlife offences
- v. Wildlife (Protection) Act, 1972 – need for amendment
- vi. Forest (Conservation) Act, 1980
- vii. International conventions-India`s role
- viii. EP Act 1986
- ix. Patent regime in India
- x. JFM-policy issues
- xi. Biodiversity Act 2002
- xii. Judicial Activism

17. Topic : Good Governance
*[Himachal Pradesh Institute of Public Administration,
Shimla]*

Course Contents

- i. Concept of good governance
- ii. Essential attributes of good governance
 - ❖ Transparency
 - ❖ Predictability
 - ❖ Accountability
 - ❖ Participation
- iii. Citizen`s Charter and good governance
- iv. Social Justice
- v. Limited resources-unlimited desires-how to minimize corruption
- vi. Managing politicians, people and press
- vii. Experience sharing
- viii. Best practice field visit

18. Topic : Captive Management of Wild Animals
[CMF under Forestry Training Institute, Kanpur]

Course contents

- i. History of management of zoos introduction
- ii. Modern Zoo designing
- iii. Legal aspects (Provisions of Wildlife (Protection) Act 1972 and case laws)
- iv. Record keeping in zoos (stud books, ISIS)
- v. Zoos for conservation (success stories in reintroduction)
- vi. Health care in zoos (Diseases monitoring, trapping of animals, chemical capture)
- vii. Visitor management
- viii. Management of captive elephants

19. Topic: Livelihood Enhancement Strategies in Forest Fringe Villages
[Andhra Pradesh Forest Academy, Dullapaly, Hyderabad]

Course contents

- i. Livelihood promotion through NTFP resources
- ii. Medicinal plants-conservation and cultivation
- iii. Agro-forestry for rural development
- iv. Bio-fuels for rural development
- v. Forest based crafts

- vi. Economic activities in community forest management
- vii. Micro-enterprise development strategies
- viii. Thrift and micro-credit
- ix. Community investment funds
- x. Rehabilitation strategies
- xi. Marketing of rural products

20. Topic : Effective Leadership and Conflict Resolution
[Indian Institute of Management, Bangalore]

Course contents

- i. Inauguration and overview of the program
- ii. Nature of conflict in forest department
- iii. Globalization & forest management
- iv. Beyond EA. : Understanding political dynamics in organizations
- v. Evaluation of forestry projects
- vi. National biodiversity legislation
- vii. Business and natural environment
- viii. Ethics and integrity issues
- ix. Leadership challenges
- x. Managing conflict issues of collectivity
- xi. Environment and national security
- xii. Conflict analysis and resolution in natural resource management
- xiii. Forest survey

21. Topic : Enhancing the Implementation Effectiveness for Implementation of the Government Policies and Programmes
[Indian Institute of Management, Bangalore]

Course contents

- i. Inauguration global forest politics
- ii. Leadership challenges
- iii. Management control for public systems
- iv. Governance and success in forest programme
- v. Beyond EQ : Understanding the political dynamics in organizations
- vi. Biodiversity act
- vii. Forestry for rural development
- viii. Forestry and common property resources
- ix. Impact of climate change on forestry
- x. Turning around the forestry development corporation

- xi Joint forest management /FDA and forest conservation act
- xii Project tiger, experience with implementation
- xiii Reflection and review

22. **Topic: Strategies in Anti-Poaching- Conservation of Bio-diversity**
[RCVP Noronoha Academy of Administration & Management, Bhopal]

Course Contents

- i. Importance and scope of the subject
- ii. Knowledge of national and international networking of the mafia
- iii Identifying the wildlife/wildlife parts involved in trafficking
- iv Modus operandi of poaching
- v Role of intelligence in preventing the poaching how to develop it
- vi Co-ordination with other departments, especially with policy department
- vii Legal issues involved in wildlife cases
- viii Scene of crime and collection of evidence
- ix Developing a anti-poaching strategy (at local, regional and national levels)

23. **Topic: New Trends and Experiences in Human Resource Development**
[H.M.N. Gaunekar, Institute of Management Training & Research, Goa]

Course Contents

- i. Interventions in human resources development –organization development
- ii Selection & recruitment skills
- iii Training & management skills.
- iv Assessment skills
- v Emotional intelligence/emotional quotient and difference between emotional intelligence and natural intelligence
- vi Process of emotional intelligence building
- vii Four corner stone model
- viii Four branches of emotional intelligence
- ix Three driving forces of emotional intelligence vital to business
- x Emotional competence and how to develop it
- x How emotional intelligence affects the managerial activities

- xi Emotional quotient measurement
- xii Sense of mission, action & loyalty
- xiii Managing through insecurity

24. Topic: Eco-Tourism Assessment & Development
[Jungle Lodges and Resorts Limited, Bangalore]

Course contents

- i. Understand the basic elements of ecotourism, the market and market trends.
- ii. Use ecotourism to expand economic development for a destination
- iii. Ecotourism and local community participation
- iv. Assessing ecotourism potential and guidelines for operating a successful ecotourism business
- v. Develop and maintain a unified environmentally sustainable theme for your destination
- vi. Implement environmental project analysis
- vii. Establish strategic alliances and partnerships
- viii. Establish an ecotourism planning process at the local and regional levels
- ix. Ecotourism policy at national and state level
- x. Understand the vital role of interpretation and education in adding value
- xi. Providing facilities for tourists at ecotourism sites

25. Topic: Eco-Tourism Wildlife and Habitat Management
[Jungle Lodges and Resorts Limited, Bangalore]

Course contents

- i. Wilderness and wilderness tourism: policy and perspectives
- ii. Eco-tourism-a new trend in forest management
- iii. Stress management
- iv. Global trends in wildlife tourism & its role in conservation
- v. Marketing eco-tourism
- vi. Adventure tourism: an opportunity for public private partnership
- vii. Carrying capacity
- viii. Habitat management for ecotourism

26. Topic: Efficient Management and Development of Formal and Informal Networks

[Xavier Institute of Management, Bhubaneswar]

Course Contents

- i. Basics and types of networking
- ii. Networking: needs of forest officers in context of their personal and professional development
- iii. Existing professional networks
- iv. Developing the networks (essentials and supplements)
- v. Network maintenance, the tragedy of ownership
- vi. **E-networking**
- vii. **Limitations and threats in networking**

27. Topic: Bamboo Resource Development for addressing Livelihood concerns of Communities

[Indian Plywood Industries Research and Training Institute, Bangalore]

Course Contents

- i. Resource of bamboo in India
- ii. Potential and economics of bamboo cultivation which includes silvicultural practices, botanical features and cultivation practices
- iii. Nursery techniques include tissue cultures, micro propagation, seed propagation, culm cutting and tillars-planting and its management
- iv. **Bamboo cutting rules and harvest technique in India-**
 - (a) Harvesting bamboo from forest and
 - (b) Harvesting bamboo from homestead
- v. **Bamboo and rural India- perspective, potential, prospects and employment generation.**
- vi. **Preservative treatment for bamboo for enhancing its service life**
- vii. **Opportunities and constraints for processing and utilization of bamboo**
- viii. **Case study of bamboo artisans in the state of Assam, Kerala, Orissa and Maharashtra**
- ix. **Utilization of bamboo in handicrafts**
- x. **Bamboo for value addition, industrial products like Bamboo Mat Board [BMB], Bamboo Mat Veneer Composite [BMVC] and Bamboo Mat Corrugated Sheet [BMCS]**
- xii. **Bamboo in housing**
- xii. **The role of financial institution for the development of bamboo sector**

28. Topic : Biodiversity documentation, evaluation and monitoring

[Kerala Forest Research Institute, Peechi]

Course Contents

- i. Significance of biodiversity conservation
- ii. Methods of data collection and analysis
- iii. Calculation and interpretation of diversity indices
- iv. **Conservation strategies, acts and rules**
- vi. **Role and functioning of Biodiversity Boards in the Centre and States**

29. Topic : Prevention, Detection and Investigation of Wildlife Crimes

[Forestry Training Institute, Jaipur]

Course Contents

- i. Legal framework for protection of wildlife
- ii. Wildlife Protection Act.1972
- iii. Cr Pc Intelligence gathering for detention and prevention of offences
- iv. **Forensic evidences**
- v. **Visit to Conservation site**
- vi. **The case law in wildlife**
- vii. **Procedure in Court**

30. Topic: Integrated Approach for Sustainable Development of Fragile Desert Eco-system

[Arid Forest Research Institute, Jodhpur]

Course Contents

- i Desert Eco-system – an overall view
- ii Water Management to enhance productivity of dry lands
- iii Process and control of desertification
- iv Rehabilitation of salt affected areas in desert eco-system
- v Potential of medicinal plants in desert
- vi Integration of trees in agriculture fields for optimum land use
- vii Improvement of Planting Stock of desert species through conventional methods and Genetic Engineering
- viii Dissemination of Research findings and technologies through Extension
- ix Joint Forest Management- a tool for sustainable development
- x Pest–Insect Management with special reference to Khejri tree
- xi Stand dynamics of some desert species

xii Research Priorities in desert eco-system.

31 Topic: Conservation and Development of Medicinal Plants
[State Medicinal Plants Board, Haryana]

Course contents

- i National Perspective for the conservation of medicinal plants
- ii National resource of medicinal plants in Shiwaliks
- iii Medicinal plants-diversity and utility
- iv Medicinal plants in JFM and benefit sharing with community
- v Propagation of medicinal plants in agro-forestry and their use
- vi Role of biotechnology in sustainable development of bioresources
- vii Visit of Sukhomajri- a case study of people`s participation in biodiversity conservation
- viii Scope of Indian system of medicine to capture global market
- ix Stress management
- x Propagation of medicinal plants in farmlands and wastelands, value addition and economics
- xi Biodiversity conservation in Haryana- a case study
- xii Inventory of natural resources including medicinal plants
- xiii Penal discussion on role of foresters in biodiversity conservation with special reference to propagation of medicinal plants in non-forest lands.

32. Topic: Eco-tourism and Livelihoods
[Van Vihar National Park, Bhopal]

Course Contents

- i Eco-tourism-concept and overview
- ii Concept of sustainable livelihoods
- iii Eco-tourism-Biodiversity conservation-livelihood-an integrated approach
- iv Experiences in eco-tourism-global view
- v Participatory management in eco-tourism
- vi Eco-tourism planning
- vii Introspection of tourism and eco-tourism policies
- viii Eco-tourism auditing
- ix Case studies
 - Carrying capacity in eco-tourism
 - Ecotourism potential in MP
 - Media & Eco-tourism

- x Interpretation as a tool for eco-tourism
- xi Economic valuation of ecotourism
- xii GIS in eco-tourism
- 33 Topic: Role of Agro-forestry in increasing tree cover**
[Haryana Forest Development Corporation, Panchkula]

Course contents

- i. Different agro-forestry in the country
- ii. Choice of species in different region
- iii. Scale of needed agro-forestry plantation to achieve the goal of NFP, 1988
- iv. Diversification of land use and management practices
- v. Sustainable tree crop cycle and increasing productivity by tree improvement programmes
- vi. Income from farmlands and economics of agro forestry
- vii. Development of demonstration centers of agro-forestry for farmers
- viii. Demand based identification of agro forestry species and technology of propagation
- ix. Policy and law in contravention of agro forestry practices particularly the regularly measures and import policy
- x. Role of industries in promotion of agro-forestry as envisaged in the national forest policy, 1988
- xi. Study of farmers industries nexus for agro-forestry practices to meet the requirement of raw material
- xii. Study of existing market demand of agro-forestry produce species-wise
- xiii. Development of marketing infrastructure and role of government institutions in marketing
- xiv. Role of industries in pricing of wood produce in relation of price of finished products
- xv. Possibility of legal framework for marketing agro-forestry produces
- 34 Topic: Conservation and Development of Medicinal Plants and benefit sharing with local communities**
[Kerala Forest Research Institute, Peechi, Kerala]

Course contents

- i. Identification of medicinal plants and raw drugs
- ii. Production of medicinal plant using seeds
- iii. Vegetative propagation of medicinal plants

- iv. Micro propagation of medicinal plants
- v. Survey and estimation of medicinal plants
- vi. Nutrient management in medicinal plants
- vii. Pest and disease management of medicinal plants
- viii. Value addition in medicinal plants
- ix. Composting of waste after extraction of medicine
- x. Marketing of medicinal plants
- xi. Initiatives in medicinal plants conservation
- xii. Folklore medicines and community health
- xiii. Tribals and extraction of medicinal plants and management of medicinal plants
- xiv. Indigenous knowledge and IPR involved with medicinal plants
- xv. Ayurveda medicine industry

35 Topic: Sharing of experience on wildlife management in Assam

[Zoo Society, Guwahati, Assam]

Course contents

- i. The measures taken to conserve one-horned rhinoceros in Kaziranga national Park
- ii. The man-elephant conflict in the state of Assam
- iii. The success story of Pygmy Hog conservation centre
- iv. The problems and prospects of Manas Tiger Reserve
- v. Conservation measures for adjutant stork
- vi. Problems and prospect for management of wetlands.
- vii. Management of captive animals and measures taken up for modernization of Guwahati Zoo
- viii. Status and management of hoolock gibbon

36 Topic: Changing Scenario of Forestry & Wildlife of the Country and Management of Change

[Gujarat Ecological Education & Research Foundation, Gujarat]

Course contents

- i. Changing Scenario of Forestry
 - Shift from economic to ecological aspect of forest management
 - Forest as part of integrated development process
 - Conservation necessary for sustained forest resource development
 - Taking forestry beyond forestland

- ii. Changing Scenario of Wildlife
 - Orientation to biodiversity conservation
 - Role of national & international organizations in wildlife conservation
 - Changing role of zoo in wildlife conservation
- iii. Changing Technologies
 - Clean development mechanism and carbon sequestration
 - Use of remote sensing and GIS technologies in forest and wildlife management
 - Quality improvement and increasing carrying capacity of the forest resources
 - Valuation of the tangible and intangible benefits of forestry and biodiversity
- iv. People's Participation
 - People awareness
 - Concept of care and share, eco-development
 - Community participation
 - Eco-tourism
 - Balancing between local economic needs and ecological sustainability
- v. Changing Policy Environment
 - International conventions on forests and wildlife
 - Global coordination and networking
 - Information management, dissemination, right to information
 - Administrative reforms
- vi. Emerging Change Management Areas
 - Human resource development
 - Automation
 - Transparency
 - Decentralization of power
 - Participatory conceptualizing, planning, implementation and monitoring & evaluation

37 Topic: Use of Appreciative Participatory Planning & Action (APPA) Methodology for Community Based Tourism (CBT)

*[Centre for Eco-tourism & Sustainable Livelihoods,
Corbett Tiger Reserve, Ramnagar]*

Course contents

- i. Introduction to the rationale and concept of CBT, patterns of from different of the world resources
- ii. Introduction to Appreciative/inquiry and APPA planning methodology including 4D cycle.
- iii Field visit to 3 CBT sites/products: Jim Corbett Heritage Trail at Choti Haldwani, Camp Kyari at Keyzri and Home stay at Bhahraenot village
- iv. Prefice sessions for 4-D cycle.
- v. Action Planning for CBT projects in participant work situation.
- vi. Introduction to facilitation Skills (.....)

38 Topic: Development of Clean Development Mechanism projects under Land Use, Land Use Change and Forestry: Theory and Practice

[The Energy and Resources Institute, New Delhi]

Course contents

- i. The science of climate change and global warming
- ii. The response of international community (UNFCCC)
- iii. Kyoto Protocol and other major decisions taken at various conference of parties wrt to forestry sector CDM
- iv. The basic concepts related to forestry sector CDM and CDM project cycle
- v. Baseline scenario, additionally, leakage, etc and the framework for calculations
- vi. Exposure to PRO-COMAP model
- vii. Real time case study
- viii. Classroom exercise on calculation of net anthropogenic removals

39 Topic: Water Conservation and Rain Water Harvesting
*[Regional Centre, National Afforestation and
Eco-Development Board, Jadavpur University, Kolkata]*

Course contents

- i. Management & conservation of surface & subsurface water with special reference to ground water recharging & rainwater harvesting
- ii. Policy issues in natural resources management with special reference to water resources
- iii. Water conservation measures in agriculture & forestry sectors - case study
- iv. Water pollution scenario and its impact on the bio-physical and socio-economic environment in India
- v. Application of GIS techniques in water resources assessment with special reference to forest management
- vi. Impact of climate change on the water sector & the need of water conservation
- vii. Role of forest manager in water resources conservation in India
- viii. Inter linking of Indian rivers and its implications in water resources management in forestry sector

**List of Addresses and phone numbers of PCCFS
All the States / UTs**

Annexure III

S. No.	Name of the State	Name of the PCCF/Head of SFD. S/Shri	Office Address	Phone (Office)	Phone (Res.)	Fax E-mail
1	Andaman & Nicobar Islands	S.R. Mehta	Principal Chief Conservator of Forests, Department of Forests, Govt. of Andaman & Nicobar Islands, Van Sadaan, Haddo Port Blair - 744 101	03192-233233	01392 - 33260	03192 - 230113
2	Andhra Pradesh	S. K. Das	Principal Chief Conservator of Forest, Forests, Department of Forests, Govt. of Andhra Pradesh, Aranya Bhawan, Tuijaguda Complex, APHP Building, M.J. Market, Hyderabad - 500 001.	040 - 24745588	040 - 3237889 094481001	040 - 24650028
3	Arunachal Pradesh	M.B. Lal	Principal Chief Conservator of Forests, Department of Forests, Govt. of Arunachal Pradesh, Zero Point, Itanagar - 791 111	0360 - 2212310	0360 - 212310 9436050316	0360 - 2214020 2212243
4	Assam	S. Doley	Principal Chief Conservator of Forests, Department of Forests, Govt. of Assam, Rehabari, Guwahati - 781 008	0361 - 2541 319	0361 - 2541319	0361 2547386
5	Bihar	B.A. Khan	Principal Chief Conservator of Forests, Department of Forests, Govt. of Bihar, Sachivalaya Patna 800 001	0612 - 228672 202365	0612 - 202366 9835192535	0612 - 210920
6.	Chandigarh	Ishwar Singh	Deputy Conservator of Forests, Deptt. of Forests, UT Administration of Chandigarh, Mahliya Marg, Chandigarh - 160 019	0172 - 782645 775951	0172 - 545225, 9814010161	0172 - 782645

S No.	Name of the State	Name of the PCCF/Head of SFD. S/Shri	Office Address	Phone (Office)	Phone(Res.)	Fax E-mail
7	Chhatisgarh	R.N. Mishra	Principal Chief Conservator of Forests, Department of Forests, Govt. of Chhatisgarh, Raipur - 402001	0771 - 331121	0771 - 331322	0771 - 331110
8	Dadar And Nagar Haveli	Richard D Souza	Conservator of Forests, Department of Forests, UT Administration of Dadar & Nagar Haveli, Silvassa - 396 230.	0260 -254974 254975	0260 - 42815	0260 - 40283
9	Daman & Diu	Richard D Souza	Conservator of Forests, Secretariat, Fort Area, Moti Daman, UT of Daman and Diu Daman 396 210.	0260- 54700	0260- 54777	0260- 54775
10	Delhi	Omkar Singh	Conservator of Forests, Government of NCT of Delhi, Vikas Sadan New Delhi - 110 007.	011 - 3378513		011 - 23378513
11	Goa	A.K. Wahal	Chief Conservator of Forests, Department of Goa, Government of Goa Panaji - 403 001.	0832 - 225926		0832 - 224747
12	Gujarat	M. L. Sharma	Principal Chief Conservator of Forests, Government of Gujarat, Dr. Jivraj Mehta Bhawan, Block No-14, 1 st Floor, Gandhi Nagar - 382 010.	079-23229917		079 - 23254134

S No.	Name of the State	Name of the PCCF/Head of SFD. S/Shri	Office Address
13	Haryana	J. P.L. Srivastava	Principal Chief Conservator Forests, Department of Forests, Govt. of Haryana, C-18 Vaidh Bhawan, Sector-6, Panchkula- 134 109.
14	Himachal Pradesh	R. A. Singh	Principal Chief Conservator Forests, Department of Forests, Govt. of Himachal Pradesh, Tallan Shimla – 171 002.
15	Jammu & Kashmir	S.D. Swatantra	Principal Chief Conservator Forests, Department of Forests, Govt. of Jammu & Kashmir, Srinagar – 180 001.
16	Jharkhand	R.K. Zutshi	Principal Chief Conservator Forests, Department of Forests, Govt. of Jharkhand, P.O., Hinoo, Ranchi- 834 003.
17	Karnataka	R.M. Ray	Principal Chief Conservator Forests, Department of Forests, Govt. of Karnataka, Arany Bhawan, 2 nd Floor 18th Cross, Malleswaran, Bangalore – 560 003.
18	Kerala	R.P. Sharma	Principal Chief Conservator Forests, Department of Forests, Govt. of Kerala, Vazhuthacaud, Thiruvananthapuram – 695 014.

S No.	Name of the State	Name of the PCCF/Head of SFD. S/Shri	Office Address	Phone (Office)	Phone(Res.)	Fax
19	Lakshadweep Administration	George Jacob	Deputy Conservator of Forests, Department of Forests, UT Administration Lakshadweep, Kavaratti- 682 555.	04896- 62278	04866- 62504	
20	Madhya Pradesh	Muhammad Haseem	Principal Chief Conservator of Forests, Department of Forests, Govt. of Madhya Pradesh, Satpura Bhawan, Bhopal - 462 004.	0755 - 2674200	0755 - 551328	0755 - 2674334
21	Maharashtra	J.N. Saxena	Principal Chief Conservator of Forests, Department of Forests, Govt. of Maharashtra, Ramgiri Road, Civil Lines, Near Government Press, Nagpur-440 001.	0712 - 2556909 2550670	0712- 530126	0712-2550675
22	Manipur	Seiboi Singsit	Principal Chief Conservator of Forests, Department of Forests, Govt. of Manipur, Sanjinhong, Imphal - 795 001.	0385 - 2220414	0385 - 229440	0385-2220934
23	Meghalaya	V.K. Nautiyal	Principal Chief Conservator of Forests, Department of Forests, Govt. of Meghalaya, Shillong-793 001.	0364 - 222014		0364-222563
24	Mizoram	-	Principal Chief Conservator of Forests, Department of Forests, Govt. of Mizoram, Aizawl - 796 001.	0389 - 2325727	0389 - 2325737	0389 - 2322733 2323420
25	Nagaland	-	Principal Chief Conservator of Forests, Department of Forests, Govt. of Nagaland, Kohima - 797 001.	0370 - 2231149 2227017	0370 - 2222533	0370 - 221472

S No.	Name of the State	Name of the PC/CF/Head of SFD. S/Shri	Office Address	Phone (Office)	Phone(Res.)	Fax E-mail
26	Orrisa	P. R. Mohanty	Principal Chief Conservator of Forests, Department of Forests, Govt. of Orissa, Janpath, Shaheed Nagar, Bhubaneswar – 751 007.	0674 – 2300853	0674 – 408213	0674 – 300049
27	Pondicherry	Dr. P. Devraj	Deputy Conservator of Forests, Department of Forests, UT Administration of Pondicherry, Pondicherry-605 004.	0413 – 251493	0413 – 254277 336088	0413 – 251494 254099
28	Punjab	A.S.Dogra	Principal Chief Conservator of Forests, Department of Forests, Govt. of Punjab, 17, Bag Building, Sector – 17, Chandigarh-160 017.	2701325	09814356355	2702919
29	Rajasthan	Abhijit Ghose	Principal Chief Conservator of Forests, Department of Forests, Govt. of Rajasthan, Van Bhawan, Jaipur – 302 009.	0141 – 2227391	0141 – 2355796 09414058332	0141 – 2227836
30	Sikkim	T.R. Poudyal	Principal Chief Conservator of Forests, Department of Forests, Environment & Wildlife Management, Forest Secretariat Building, Deorali, Gangtok-737 102.	03592 – 281385		03592 – 281778
31	Tamil Nadu	Dr. Sukhdev Thakur	Principal Chief Conservator of Forests, Department of Forests, Govt. of Tamil Nadu, No. 1, Jeemis Road, Panagal Maligai, Saidapet, Chennai-600 015.	044 – 24348059 25671511	044 – 26285161	044 – 24337307

S No.	Name of the State	Name of the PCCF/Head of SFD. S/Shri	Office Address	Phone (Office)	Phone(Res.)	Fax E-mail
32	Tripura	R.P. Tangwan	Principal Chief Conservator of Forest, Department of Forests, Govt. of Tripura, P.O. Kunjvan, Agartala - 799 001.	0381 - 2323779	0381 - 229476	0381 - 225253
33	Uttar Pradesh	B.K. Patnaik	Principal Chief Conservator of Forests, Department of Forests, Govt. of Uttar Pradesh, Ranapratap Marg, Lucknow - 226 001.	0522 - 2206168		0522 - 2206053
34	Uttaranchal	Dr. B.S Burfal	Principal Chief Conservator of Forests, Department of Forests, Govt. of Uttaranchal, 85, Raipur Road, Dehradun- 248001.	0135 - 2746934 94120553605	2743678	0135 - 746934
35	West Bengal	K.C. Gayen	Principal Chief Conservator of Forests, Department of Forests, Govt. of West Bengal, Aranya Bhawan, 4 th Floor, Sector -3, Salt Lake City, Block-La- 10A, Kolkata - 700 098.	033 - 23358580		033 - 23358756

List of addresses of the HRD Nodal Officers of States/UTs

Annexure VI

S. No.	State	Name of Nodal Officer	Postal Address, Phones, Fax and E-mail	Name of Alternate Officer (YOA)	Postal Address, Phones, Fax and E-mail
1	A & N	SS Choudhury CCF (Adm., Vigilance) & SS (Environment & Forests)	Special Secretary (Environment & Forests) Andaman & Nicobar Administration Van Sadan, P.O. Haddo Port Blair, A & N Islands Pin-744 102 Ph: 03192-230048 (O), 233682 (R), 230113 (F)	RSC Jayaraj DCF (HQs) and Dy. Secretary (Environment & Forests) A & N Administration	Nicobar Administration Van Sadan, P.O. Haddo Port Blair, A & N Islands Pin-744 102 Ph: 03192-233233 (O) 03192-229803 (R) 03192-230113 (F)
2	Arunachal Pradesh	Chander Nath CCF (A & V) (HRD/Training) (AGMUT : 78)	O/o PCCF & Pr. Secretary (E & F), AP Itanagar-791 111 Ph. 0360-2212243 (O), 2212563 (R), 2212243 (F)	Hibu Dole DCF (HQs)	o/o PCCF & Pr. Secretary (E & F), AP Itanagar-791 111 Ph. 0360-2212547 (O), 2212688 (R), 2214020 (F)
3	Andhra Pradesh	P. S. Rao CCF (Research), Forestry Research Matter D.K. Pandey CCF (Estt.), Matters relating to IFS/SFS Y. Suryanarayan CF, Wildlife (HQs)	O/o PCCF, Hyderabad 9440810148 (M) 23543839 (R) O/o PCCF, Hyderabad Ph. 24650067 (O) 23306229 (R)		
4	Assam		O/o CCF, Wildlife Assam, Rehabari, Guwahati-8		

S. No.	State	Name of Nodal Officer	Postal Address, Phones, Fax and E-mail	Name of Alternate Officer (YOA)	Postal Address, Phones, Fax and E-mail
6	Bihar	B. A. Khan, PCCF M.R.G. Reddy CF, Daman Diu & Dadra & Nagar Haveli (AGMUT : 85)	O/o PCCF, Bihar O/o CF, Secretariat, Moti Daman, Daman. 0260-2230963 (O) O/o CF Secretariat Silvassa UT of Dadra & Nagar Haveli Silvassa, Ph. 0260-2645450 (O), 2642815 (F)	Santosh Kumar DCF (T)	Forest Deptt. Silvassa UT of Dadra & Nagar Haveli, Silvassa Ph. 0260-2642734, 2643594
7	Delhi	Subhash Chandra, DCF (HQRS) (AGMUT : 88)	Deptt. of Forests & Wildlife, 2nd floor, 'A' Bhawan, New Delhi-110 002. Ph.- 23370506 (O) 23378513 (F)	R.K. Gupta Dy. Conservator of Forests	Deptt. of Forests & Wildlife, Central Division, Kamla Nehru Ridge, New Delhi 110 007. Ph. 23853561 (O) 26888997 (R)
8	Goa	DNF Carvalho DCF (Planning & Statistics)	Government of Goa Department of Personnel Secretariat, Porvorim, Panaji-403 001		

S. No.	State	Name of Nodal Officer	Postal Address, Phones, Fax and E-mail
9	Gujarat	H. S. Singh CCF	Near Akshardham, 'J' Road, Sector Gandhinagar-382 020 Ph. 079-23259300, 9825049071 (M)
10	Haryana	B.D. Monga CCF Production	O/o PCCF, C-18, Van Bhawan, Sector-6, Panchkula-134 109 Ph. 0172-2563988, 2569033.
11	Kerala	P Premachandran Nair CCF (IHRD) (KL:77)	Social Forestry Complex Rajiv Gandhi Nagar, Vattiyookkav P.O. Thiruvananthapuram-13. Ph. 0471-2362291 (O), 2362291 (R) ccfihrd@yahoo.com
12	Karnataka	G. Selvakumar CCF (Communication & Information) For training	O/o the PCCF, 4 th Floor, Aranya Bhavan, 18 th Cross Malleswaram, Bangalore-560 003 Ph. 080-23347086 E-mail:- ccf-ci@yahoo.com
		B. Basappa CCF & Director For Research Matter	Forestry Research & Training Insti Doresanipalya, Arakere Layout, Bangalore-560 078 Ph. 080-26583684

