



Directorate of Forest Education
Ministry of Environment & Forests
Government of India



JAPAN INTERNATIONAL COOPERATION AGENCY



CENTRAL ACADEMY FOR STATE FOREST SERVICE
DEHRADUN

Prepared under the Project for
Capacity Building of State Forest Training Institutions and CASFOS

Project Implemented by

Directorate of Forest Education, P.O. New Forest, Dehradun

Tel. : 0135-2757326 Fax : 0135-2750125

www.dfe.gov.in

Central Academy for State Forest Service, Dehradun

P.O. New Forest, Dehradun

Tel. : 0135-2754648 Fax : 0135-2756168

and

Japan International Cooperation Agency (JICA), Dehradun Project Office

Tel. : 0135-2752349/6450733 Fax : 0135-2752349

COURSE GUIDE

Training-cum-Workshop for In- Service SFS Officers on
"General Refresher Course"

17-28 September, 2012



**CENTRAL ACADEMY FOR STATE FOREST SERVICE
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CASFOS
Dehradun



Established in 1981, Central Academy for State Forest Service (CASFOS), Dehradun is a premier Institute under the aegis of Directorate of Forest Education, Ministry of Environment and Forests, Government of India, with a mandate of imparting forestry training.

COURSE GUIDE

Training-cum-Workshop for In- Service SFS Officers on
"General Refresher Course"

17-28 September, 2012

Developed by
Shri Kunal Satyarthi
(Faculty, CASFOS)



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CASFOS Dehradun



In Service Training Module are revised under Technical Cooperation Project with Japan International Cooperation Agency (JICA). Training Module on General Refresher Course has been developed after detailed and exhaustive exercise through deliberations in workshops and inputs from renowned resource persons and experts on various subjects on various fields of Forestry, Wild Life & Environment.

Dr. Dharmendra Verma, IFS
Director, Forest Education



Training module on General Refresher Course has been designed to fulfill the needs of field officers and forest staff, which they encounter while dealing with issues related to various fields of Forestry, Wild Life & Environment. Further, the module is structured in such a way, that the participants are not only acquainted to theoretical aspects but also to practical inputs through field visits and practical demonstrations.

Sh. Ashish Rawat, IFS
Principal, CASFOS, Dehradun



This In-Service SFS Officers Training Course module has been developed under closely coordinated Technical Cooperation Project conducted by Directorate of Forest Education, CASFOS Dehradun and Japan International Cooperation Agency (JICA). JICA continues to contribute to capacity development of officers and staff who are dedicating themselves to sustainable forest management and forest conservation in India.

Mr. Yasuhisa Tanaka
Chief Advisor
Project for Capacity Building of Forest Training Institutions and CASFOS

Introduction

The rapid changes taking place in natural resource management systems have emphasized the need for greater professionalization for forest officers. At the same time new technological advancements call for urgent need to upgrade the skills of the field officers to address new challenges, who are otherwise not able to avail such expertise due to fewer exposure & opportunities.

General Refresher Course (GRC) is designed in a way to refresh the professional skills of the in-service officers & also to help them, keep abreast of the latest developments & changes in the sector at all levels including regional, national and international issues e.g. Protected Area management, biodiversity conservation, global warming etc. in forestry & related disciplines.

It is not only important to be 'aware' of new and the latest but also understand 'processes' and 'strategies' of 'inculcating', 'practicing' and 'spreading' higher standards of performance to become role models for others to emulate. This principle has been followed.

Aim

- To update and upgrade the knowledge and skills of the in-service State Forest Officers by enhancing professional knowledge & skills needed for better performance
- To achieve attitudinal re-orientation in line with the changing organizational ambience
- To offer an opportunity for a kind of reunion to the officers from a number of states to meet, interact, share and deliberate on various professional issues.

Designed for

The course is designed keeping in view the State Forest Service Officers who have been promoted and inducted into ACF-level from the level of Range Forest Officer recently, primarily to serve as an orientation course.

As the nomination is done by state forest department, the suggestion could be made to preferably nominate such officers.

Facilitators

Both, in-house & guest faculty who have specialization & experience in the specified topics

Course Style

- Two-weeks Workshop
- Trainee-centered
- Individual/Team activities
- Experiential Learning
- Peer Learning
- Practical orientation through hands-on, exercises, group- activity
- Field Visit
- Supported/Supplemented by Visuals and Reading Material

Learning Unit wise Objectives...

MODULE -I

CONTEMPORARY ISSUES

1. Eco-development interface issues

- Explain the concept of 'eco-development.
- Identify stakeholders in eco-development
- Describe the concept of 'micro-level-planning
- Explain the concept of livelihood -based group formation
- Describe ways and means of livelihood of fringe populations

2. Payment for Ecosystem Services

At the end of the Session, participants will be able to –

- Describe 'Ecosystem Services'
- Explain the relevance of 'payment' as per environmental economics
- List the benefits of valuing the services to society and forestry
- State examples of the operation of this system with pros and cons
- Propose 'way ahead'.

3. SFM and Forest Certification

At the end of the Session, participants will be able to –

- Define 'Forest Certification'
- Describe the need for 'Forest Certification'
- Describe the mechanism and process of 'Forest Certification'
- Describe the benefits of 'Forest Certification' in India
- Identify Indian Forest Produce standing vis-à-vis Global Market of 'Forest Certification'
- Describe the future strategy/Policy of the Government of India on this issue
- Explain the role and contribution of field Forest functionaries

4. Emerging Environmental Issues like 'Climate Change' and CDM

At the end of the Session, participants will be able to –

- Describe 'global warming', 'climate change', 'CDM' and 'UNFCC'
- Link 'climate change mitigation' and 'forestry'
- Latest 'national' and 'international' initiatives in 'climate change'
- List the CDM Projects in India
- Describe REDD's scope, relevance and potential to India's forest resource

5. Media Interface

At the end of the Session, participants will be able to –

- Demonstrate the dynamics of media-bureaucracy interface
- Use media management skills in dealing with situations
- Explain the functions & powers of Press Council of India
- Describe & differentiate media coverage, press note, press conference interviews etc.

MODULE - II A

FORESTRY AND WILDLIFE ISSUES

6. Search, Seizure & Confiscation

At the end of the Session, participants will be able to –

- Explain the 'search' procedure
- Explain the role of 'authorized officer' in 'confiscation procedure'

- Explain the procedure of ‘disposal of forest produce and tools’
- Describe the ‘Transit Rules’

7. Human Animal Interface

At the end of the Session, participants will be able to –

- State reasons for growing human animal interface & conflicts
- Describe habitat management/manipulation as a corrective step
- Explain on-site human-animal conflict situation handling
- State the strategies for mitigating the conflict especially with reference to larger mammals

8. Community Based Ecotourism – Balancing Nature Scenario

At the end of the Session, participants will be able to –

- Describe ‘Community Based Ecotourism’
- Explain Government of India Guidelines & State Governments Policies on ‘Community Based Ecotourism’
- Share the success stories on ‘Community Based Ecotourism’
- Share the new initiatives and innovations in ‘Community Based Ecotourism’

Present the ‘way-ahead’ and ‘potential’ of ‘Community Based Ecotourism’

9. Ecological Census Techniques

At the end of the Session, participants will be able to –

- State the objective and purpose of Wild Life Monitoring or Census
- Describe various techniques of Wild Life Monitoring
- Explain the Tiger, Co-Predator and Prey Estimation Protocol of NTCA
- Give an Overview of Herbivore and Bird Monitoring
- Describe Rapid Assessment Techniques

MODULE - III

LEGAL ISSUES

10. IPR (Intellectual Property Rights) issues in Forestry

At the end of the Session, participants will be able to –

- Define IPR in global & national context
- Explain the scope and relevance of IPR in changing scenario of Forestry Sector

- Describe the elements of ‘IPR’, ‘COPYRIGHT’ and ‘PATENTING’ etc
- Explain the current scenario of Patents and Forestry interface

11. Investigation Procedure in Wildlife Cases

At the end of the Session, participants will be able to –

- Describe the ‘investigation procedure’ in Wildlife Cases
- State the relevant Sections from IPC and CrPC
- Describe the procedure of ‘Recording of Evidence’

12. Forest Conservation Act – An Analysis

At the end of the Session, participants will be able to –

- State the scope of Forest Conservation Act 1980
- Describe the orders of Hon’ble Supreme Court in Godavarman Case in relation to FCA
- Differentiate between Forest Conservation Act & Forest Rights Act
- Describe the procedure for violation of FCA & penalties thereof

MODULE - IV

TOOLS & TECHNIQUES

13. Plant Identification Techniques

At the end of the field visit, participants will be able to –

- Demonstrate the use of Guide Book, Binoculars and related Field Equipments
- Demonstrate the use of indicators for observation in the field
- Describe the salient features of specified common species
- Explain the importance and relationship of plants in the specific ‘ecosystem’

14. Advance Nursery Management Techniques

At the end of the field visit, participants will be able to –

- Demonstrate the Basic Nursery Management Techniques
- Devise the criteria to be used for ‘site selection’ & species selection
- Demonstrate the use of the successfully adopted Techniques

- Describe the procedure of maintaining nursery record, stocks, seed-store and registers
- Explain the procedure of procurement of seeds, equipments, techniques and consultancy

15. Basic Computer Applications

At the end of the Session, participants will be able to –

- Operate MS Word & make Power Point Presentations
- Use MS-Excel
- Learn various short commands & useful operations
- Operate internet and e-mail

16. Wildlife Forensics

At the end of the visit, participants will be able to –

- Describe ‘Wildlife Forensics’
- Narrate the Wildlife Forensic Facilities available in India
- Explain the significance and relevance of Wildlife Forensic
- List the authorized institutions/forensic laboratories
- Explain the step-by-step process of handling Wildlife Offence
- Give examples of solved cases of Wildlife Offences together with techniques used
- Describe the role-responsibilities & challenges faced by field functionaries

17. Role of GIS & RS in Forestry and Use of GPS

At the end of the Session, participants will be able to –

- Describe the role & importance of the use of GIS & RS in Forestry
- Identify the present status of GIS & RS in Forestry
- Explain the procedure of the procurement of GIS-RS & related facilities

18. Use of GPS & GIS

At the end of the Session, participants will be able to –

- Demonstrate the process of generating maps, records with the assistance of these technologies
- Demonstrate the use of GPS

MODULE - V

GENERAL MANAGEMENT

19. Stress Management

At the end of the Session, participants will be able to –

- Define the ‘types’ and ‘levels’ of stress & causes’ thereof
- Demonstrate the ways to deal with official and personal stress
- Demonstrate the ways to keep stress-free environment
- State tips for stress-free lifestyle

20. Leadership & Motivational Skills

At the end of the Session, participants will be able to –

- Explain various types of Leadership traits & Styles
- Define role & significance of motivation as management tool
- Demonstrate leadership & motivational skills
- Explain the power of good leadership & motivation in Human Resource Management

21. Interpersonal Communication

At the end of the Session, participants will be able to –

- Explain the types of communication
- Demonstrate ‘interpersonal communication skills’
- Explain the power of ‘communication’
- Explain the qualities of an ‘effective communicator’

MODULE - II B

FORESTRY AND WILDLIFE ISSUES

22. Environmental Degradation and Judicial Interventions

At the end of the Session, participants will be able to –

- State the emerging environmental issues and related legal provisions
- State the orders of Hon’ble Supreme Court and CEC on environmental issues
- Describe judicial intervention in FCA, FRA and EIA Cases
- Discuss the pros and cons of ‘judicial interventions’

23. Protected Area Management: Issues, Challenges and Way Forward

At the end of the Session, participants will be able to –

- Describe the present scenario of Protected area network at ‘national’ and ‘global’ level
- Describe significance of PAs providing multiple uses & benefits
- State the ‘issues’ and ‘pressures’ in Protected Area Management
- Explain the emerging challenges and way forward

24. Corporate Social responsibility

At the end of the Session, participants will be able to –

- Define Corporate Sector Responsibility
- Describe the dynamics of Corporate- Government interface
- State the ways & remedies to streamline & improve the situation

25. Bird Conservation

At the end of the Session, the participants will be able to –

- Describe the significance of Avifauna in the ecosystem
- Understand need & importance of bird conservation
- Learn about threats & challenges in bird conservation
- Identify birds as ecotourism resource

26. Forest Working Plan: Concepts & Relevance

At the end of the session, participants will be able to –

- Explain the relevance and requirement of a ‘Working Plan’ in the changing scenario of forest management
- Describe the key concepts & main contents of ‘Working Plan’
- Describe steps in field work & data collection for preparing a ‘Working Plan’
- Describe the points & components to be considered while writing a ‘Working Plan’

27. Implementation of schemes e.g Green India Mission & MNREGA

At the end of the Session, participants will be able to –

- Differentiate between ‘Centrally-Sponsored Schemes’, ‘State-Sponsored Schemes’ and ‘Foreign-Funded Schemes’

- Describe the current & latest Schemes of the Government of India in Forestry Sector
- Describe the ‘concept’, ‘mandate’ and ‘salient features’ of ‘various schemes like GREENING INDIA’, ‘MNREGA’.
- Define the role of field officers in implementation of these Schemes

28. Forest Rights Act, 2006

At the end of the Session, participants will be able to –

- Describe the relevant Sections of the Forest Rights Act, 2006
- Explain the procedures laid down in Forest Rights Act, 2006
- State the current status of the Forest Rights Act, 2006
- State the difficulties encountered in implementation of the Forest Rights Act, 2006

Assessment

Assessment will be made in the beginning to know about awareness status & expectation of the participants on various topics. Like-wise at the end of the course, the assessment will be done by formal & informal feedback.



1st Week Timetable					
Day	Module	Session-I 0915-1105 hrs	Session-II 1120-1310 hrs.	Session-III 1415-1600 hrs	Session-IV 1620-1730 hrs.
17 Sep. 2012	Contemporary Issues	Registration, Inauguration & Expectation of Participants	1 Eco-Development	2 Payment for ecosystem services	Panel Discussion: Vision for Forestry 2020
18 Sep. 2012		3 Forest Certification	4 Climate change, CDM etc.	5 Media Interface	Group formation & Allotment of topics
19 Sep. 2012	Forestry & Wildlife Issues	6 Search, Seizure & Confiscation	7 Human Animal Interface	8 Community Based Ecotourism	9 Ecological Census Techniques
20 Sep. 2012	Legal Issues	10 IPR issues in Forestry	11 Investigation procedure in wildlife cases	12 FCA- An analysis (Case study)	Panel Discussion-Implementation of Hon'ble SC judgements
21 Sep. 2012	Tools & techniques	13 Plant identification techniques	14 Advance Nursery Management Techniques	15 Computer Applications - ppt./ word / excel	
22 Sep. 2012		Field Visit (Theme based)			
2nd Week Timetable					
24 Sep. 2012	Tools & techniques	16 Wildlife Forensics	17 Basic Role of GIS & RS in Forestry	18 Use of GPS & GIS	Visit to WL Forensic lab at WII
25 Sep. 2012	General Mngt.	19 Stress Management	20 Leadership & Motivational Skills	21 Interpersonal & Communication Skills	Panel Discussion-HR issues in Forestry
26 Sep. 2012	Forestry & Wildlife Issues	22 Environmental Degradation & Judicial intervention	23 PA Management Issues, challenges & way forward	24 Corporate Social Responsibility- A perspective for forestry sector	25 Bird Conservation
27 Sep. 2012	Forestry & Wildlife Issues	26 Forest Working Plan: Concepts & Relevance	27 Implementation of schemes e.g Green India Mission & MNREGA	28 Forest Rights Act: Ground Realities	Panel Discussion-Implementation of FRA 2006
28 Sep. 2012	Wrap-up	Presentation by Participants			FEEDBACK & VALEDICTORY

Yoga Session 0630 Hrs to 0730 Hrs

Sports time 1730 hrs to 1830 hrs

Time Distribution	
Registration, Inauguration & Expectations	1 Session of 1hr 50 min
Valedictory & Feedback	1 Session of 1hr 10 min
Input Sessions	26 Sessions of 1hr 50 min each and 2 Sessions of 1hr 10 min (total 43 hrs 20 minutes)
Participants Sessions	3 Sessions of 1hr 50 min each
Computer Applications	2 Sessions
Local visits to WII	1 session of 1hr 10 min
Field Visit	One Full day
Yoga Sessions	9 Sessions of 1hr each (total 9 hrs)
Sports Time	9 Sessions of 1hr each (total 9 hrs)
MODULE wise break-up of Learning Units	
Contemporary Issues	5 Sessions
Forestry & Wildlife Issues	11 Sessions
Legal Issues	3 Sessions
Tools-Techniques & Practices	6 Sessions
General Management	3 Sessions

