



**Government of India**  
**Ministry of Environment, Forests & Climate Change**  
**Directorate of Forest Education**  
**Central Academy for State Forest Service Coimbatore**  
**COURSE REPORT**

**ON**

**One Week Compulsory Training Course for IFS officers**  
**on**  
**“Marine Biodiversity Conservation”**

**29<sup>th</sup> January to 02<sup>nd</sup> February, 2024**

**Physical Mode**



**Course Coordinator**

**Dr. K. Anandh, IFS**

Chief Conservator of Forests & Faculty,  
CASFOS, Coimbatore

**One Week Compulsory Training Course on “Marine Biodiversity Conservation” for IFS Officers from 29<sup>th</sup> January to 02<sup>nd</sup> February 2024**

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**Course Directors Report**

MOEF' s letter number and date F.No.: 15-9/2023-RT (Pt.I) & 09.10.2023

Institute reference number 4532/2023-CASFOS/OSH-24-25 Date: 28.12.2023

- Name and complete address of the Institute : Central Academy for State Forest Service,  
Forest College Campus,  
1. (Including phone, fax and email) : Post Box No.:1130  
R.S.Puram (Post)  
Coimbatore-641 002.
2. Title of the Course : **Marine Biodiversity Conservation**
3. Duration and period of the Course : **5 Days**
4. Name and designation of the Course Director : Dr.K.Anandh.IFS, CCF & Lecturer, CASFOS,  
Coimbatore
5. Numbers of officers participated (please enclose a copy of the final list of participants) : **19.** (enclosed as Annexure-II)
6. 1(a) Whether the Institute got in touch in advance with the Participants of the Course? : **Yes**
- (b) If so, when (mention the date of communication to the officers)? : **From January 10<sup>th</sup> ,2024**
- (c) How many officers received the intimation (as reported by them in the evaluation format)? : **60**
- (d) How many officers responded? : **47.**
6. (2) (a) Whether the course expectations of the participants were ascertained by the institution : **Yes**

(b) If so, how and when (dates)? : **29.01.2024**

7. The course was organized

(a) Whether the course was conducted at the Institutions campus or elsewhere (if so, where) : **Conducted at Madurai, Rameswaram and Tuticorin.**

(b) Whether the course was “residential” or non-residential (If residential, Whether the residential facilities were provided in the institutions own hostel or in a hotel etc.) : **Residential Course. Accommodation was arranged at hotel.**

(c)(1) Total number of Working days in the Course : Five

(2) No. of Working hours per day : 33 hours covered in Five Days.

(3) Total Number of sessions planned in the course : 13 Class Room Sessions 4 Outdoor Sessions

(4) Number of sessions, which could not be conducted as planned : All are Conducted.  
Course Schedule in Annexure-III & List Of Faculties in Annexure-IV.

8. If the same or similar course had been conducted earlier under the sponsorship of the MoEF/Department of Personnel and Training (Government of India), please indicate : Not Conducted Earlier.

(a) The durations dates and title of the last such course and the category of participants : NA

(b) Mention points of positive and negative feedback received from the previous courses : NA

(c) What Changes, on the basis of the feedback received in the earlier course, were changed in the current course in terms of : NA

(1) Course objectives : NA

(2) Course contents, structure and distribution of sessions among various topics : NA

(3) Reading material : NA

(4) Faculty (internal & external) : NA

(5) Training methodology : NA

(6) General practical orientation : NA

(7) Physical facilities (including computer, library facilities, boarding & lodging and transport facilities etc) : NA

9. General remark of the course director on the nature and extent of participants involvement in the course, including attendance punctuality, and interest evinced. The Participants actively involved in all the sessions and interacted with Guest Faculty members positively, All the officers attended all the sessions conducted (both indoor and outdoor). They maintained punctuality.

10. Comments on the feedback received from participants

(a) A consolidated abstract and summary of the individual feedback Performa

A consolidated abstract and summary of the individual feedback Performa enclosed as Appendix-I

The overall feedback evaluation, obtained at the end of the course I also attached as (Annexure-III)

(b) A statement containing the workshop Coordinator's remarks

Enclosed as Appendix-II


11. Comments of the institution on how the feedback is proposed to be recycled into future programmes in terms of course content, methodology, etc.

The feedback of the participants will be used for designing the future training programmes. The resource persons got higher score will be retained for other training.

12. Any other comments which the course director and / or the institution may wish to make in respect of this course.

It is proposed that more officers shall be proposed from states / cadres having seacoast at the theme of the training is Marine Biodiversity Conservation.

It is proposed that Intimation / nomination may be done at least three months before the conducting the training.



**Countersigned**  
**(Head of the institution)**



**Course Director**

## APPENDIX – I

### One Week Compulsory Training Course on “Marine Biodiversity Conservation” for IFS Officers from 29<sup>th</sup> January to 02<sup>nd</sup> February 2024

#### Consolidated Abstract & Summary

<b>Total No. of days</b>	<b>Duration of each classroom session</b>	<b>No. of sessions convened</b>	<b>Total of class room hours</b>	<b>Internal Faculty Hours</b>	<b>External Faculty Hours</b>	<b>No. of Hours spent on field visit (s), if any,</b>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>	<b>(6)</b>	<b>(7)</b>
<b>5</b>	<b>1</b>	<b>17</b>	<b>13</b>	<b>NIL</b>	<b>13</b>	<b>16</b>

**Statement Showing the participants view about the strength and Weakness as well as other aspects pertaining to the course, and the Course Directors comments thereon**

(Note: Comments of similar nature relating to the same aspects, given by different participants are also attached in the Annexure-III)

S. No	Participants' views	No. of participants who have expressed this view	Course Director's Comments
1.	Helped to understand new intentional of management planning of working in coastal territories. Consideration for coastal & Marine ecosystem conservations activities. Economic potential of marine ecosystem & future challenges of protection.	1	The course was designed to deliver all vital aspects of marine biodiversity conservation by blending the theoretical knowledge, administrator's point of view and real field experiences.
2.	As AP Cadre Officer having sufficient sea coast it will definitely useful for Marine Management of Coastal Habitat.	1	
3.	Overall structure & topics are really helpful but few resource person should be avoided. They don't have practical experience of working for a policy formation of advocacy	1	The comments will be considered while designing the future training course.
4.	Repetition of Some aspect in 2 Lecture	1	
5.	Overall, this is the one of the best courses Moef & CC and it should be continued to train the Officer in the Coming times.	1	The Ministry will be appraised and requested to allocate the course in future.
6.	This is well composed more practical and fully useful for a forest officer in order to work effectively when opportunity be given in this field	1	
7.	We can cut short the Madurai module and start from Rameswaram to get more field time	1	It will be considered in designed the future course.
8.	A) A handbook on Identification of Marine flora and fauna from SDMRI would have been useful or any other promising reference book which includes photo guide of all species. B) If proper accommodation not available in Rameswaram may be	1	A) Adequate hardcopies of reading materials will be provided in next training. B) It will be considered in designed the future course.



	arranged in Mandapam or Nearest suitable Hotel.		
9.	Well, Structured Programme	1	-
10.	Course was well organised and conducted smoothly start or valediction may be conducted in the CASFOS itself.	1	It will be considered in designed the future course
11.	The training course is very carefully designed to provide an interesting infere of the various aspects for the topic concerned. Thanks a lot, to the organizers had a fruitful training session. Reduction of single we water bottle in the service. Collection of litter from the island visits can be included an integrated part of the training.	1	

**One Week Compulsory Training Course on “Marine Biodiversity Conservation” for IFS Officers from 29<sup>th</sup> January to 02<sup>nd</sup> February 2024**

**Workshop Coordinator’s Report**

To conduct the training smoothly, a meeting was conducted at the chairmanship of the Principal, CASFOS, Coimbatore and all the faculty members participated in said meeting. The course design, resource persons, places to be visited, place of stay and other basic requirements of training are discussed and finalised. A WhatsApp group was created in which nominated officers were added all the officers were contacted and briefed about the training. The officers who accepted to participate the training are listed and accordingly boarding, lodging and transport facilities are arranged. The resource persons were contacted and briefed about the schedule. The necessary permission for conducting the training was obtained from PCCF & HoFF and CWW of Tamil Nadu State Forest Department with the effective participation of all stakeholders the training was conducted smoothly. The required Knowledge was transferred to all participating officers.



**Course Coordinator**  
**Central Academy for State Forest Service**  
**Coimbatore**

**One Week Compulsory Training Course on “Marine Biodiversity Conservation” for IFS Officers from 29<sup>th</sup> January to 02<sup>nd</sup> February 2024**

**Consolidated Course Evaluation Report**

1. Name of the institution : Central Academy for State Forest Service,  
Post Box No. 1130, R S Puram Post,  
Coimbatore – 641 002.  
Phone – (0422) 2450 & 2451605  
Fax – 0422 2450439  
E-mail – casfos-coimbatore@gov.in
2. Title of the course : Marine Biodiversity Conservation
3. Duration & period of the course : Five Days, 29.01.2024 to 02.02.2024
4. Course Objectives

To impart knowledge on

- Overview of bio-diversity of our country
- Marine protected areas
- Habitat of Marine animals, Specific impacts on Sea-grasses & Sea-weeds diversity
- Exclusive Economic Zone
- Specific Inputs on Marine Mammals, Sea Turtles, Coral Reefs & Mangroves
- Case study on booking of offenses related to Marine diversity under (PMLA) 2002
- Major threads to Marine Biodiversity on pollution
- Bio-Invasion & destructive fishing practices and its impact on Marine Biodiversity
- Field visit to places of Marine biodiversity important's
- Visit to coastal villages for better understanding of linkage between Marine biodiversity & Livelihood of people.

5. Did you receive advance intimation from the institution about the programme? If so, when did you respond to the institution?

- (a) When the intimation was received? : Well in advance (25 days before)
- (b) When the officer responded? : Quickly responded.

6. What do you think about the structure and organization of the course to meet the objectives on a scale of 10?

9-10	6-8	0-5	Blank/ NA
84%	15.78%	-	-

Points: 10 for very well  
structured 00 for very  
unstructured

7. How useful this training will be to you immediately in your job?

[10.....00  
(highest) (lowest)]

9-10	6-8	0-5	Blank /NA
52.63%	36.84%	10.5%	

8. How useful this training likely to be for the future jobs you may handle?

[10.....00 (highest)  
(lowest)]

9-10	6-8	0-5	Blank/N A
68.42%	36.84%	-	-

9. Practical orientation of the course contents to the job you are handling/you may handle?

[10.....  
00 (highest)  
(lowest)]

9-10	6-8	0-5	Blank /NA
68.42%	26.31%	5.26%	-

10. Did you get enough opportunities to interact with the fellow participants?

[10.....  
00 (highest)  
(lowest)]

9-10	6-8	0-5	Blank /NA
89.47%	10.52%	-	-

11. How far have you been benefited from interaction with the fellow participants during the course?

[10.....  
00 (highest)]

9-10	6-8	0-5	Blank /NA
73.68 %	26.31%	-	-

(lowest)]

12. How far was the course material supplied relevant and related to the course content?

9-10	6-8	0-5	Blank /NA
73.68%	26.31%	-	-

[10.....

00 (highest)

(lowest)]

## 8. Assessment of the training faculty

S. No.	Topic	Name of faculty	Assessment by the participants			
			9-10	6-8	0-5	Blank/NA
1.	Marine protected species	Dr. A. Biju Kumar, Professor & Head, Dept. of Aquatic Biology and Fisheries, University of Kerala, Trivandrum	68.42%	26.31%	-	5.26%
2.	Diversity & Conservation of Seagrasses	Dr. P. Anantharaman, Dean CAS in Marine Biology Faculty of Marine Sciences, Anna Malai University, Parangipettai	63.15%	26.31%	15.78%	-
3.	Coastal birds	Dr. Balachandran, BNHS	52.63%	42.10%	5.26%	-
4.	Seaweed Diversity of India and their Sustainable Conservations	Dr.M. Ganesan, Senior Principal Scientist (Retd) Central Salt & Marine Chemicals research Institute, Mandapam	57.89%	36.84%	-	-
5.	Bird Watching	Dr. Balachandran, BNHS	52.63%	42.10%	5.26%	-
6.	Exclusive Economic Zone & Living Resources	Dr. VINOD KAVUNGAL Principal Scientist & Head Mandapam Regional Centre of ICAR-CMFRI	73.68%	26.31%	-	-
7.	Marine Mammals	Dr. Anand Pande Program Head - Marine Megafauna Wildlife Conservation Society – India	47.36%	52.63%	-	-
8.	Sea Turtles	Dr Supraja Dharini,,Tree Foundation	68.42%	26.31%		5.26%
9.	Case Study on Wildlife cases under prevention of money Laundering Act, 2002	Mr. G. Venkatesh, FRO	73.68%	26.31%	-	-
11.	An overview of marine biodiversity in India	Dr. Deepak Apte, Former Director, Bombay Natural History Society Mumbai	84.21%	15.78%	-	-

12.	Coral reefs	Dr. K. Diraviya Raj, Associate Professor, SDMRI, Tuticorin	73.68%	15.78%	-	10.52%
13.	Bio-invasion, Destructive Fishing Practices	Dr. K. Diraviya Raj, Associate Professor, SDMRI, Tuticorin	73.68%	21.05%	-	5.26%
14.	Coastal Ecosystem Restoration	Dr. K. Diraviya Raj, Associate Professor, SDMRI, Tuticorin	47.36%	10.52%	-	42.10%
15.	Conservation & Management of mangroves in India	Dr. K. Kathiresan, Professor (Retd) Annamalai University	68.42%	15.78%	-	21.05%

14. To what extent are you satisfied with the following:  
*(The institution may please block the parameters not applicable.*

a. Reception:

9-10	6-8	0-5	Blank/NA
100%	-	-	-

[10.....  
.....00 (highest) (lowest)]

b. Transport facilities availed/not availed If availed:

9-10	6-8	0-5	Blank/NA
89.47%	10.52%	-	-

[10.....  
.....00 (highest) (lowest)]

c. Residential accommodation Facilities

9-10	6-8	0-5	Blank/NA
57.89%	42.10%	-	-

d. availed:

[10.....  
.....00 (highest) (lowest)]

- e. Food Quality & Service

9-10	6-8	0-5	Blank /NA
47.36%	52.63%	-	-

[10.....  
.....00 (highest) (lowest)]

- e. Class room facilities

9-10	6-8	0-5	Blank /NA
63.15%	36.84%	-	-

[10.....  
.....00

(highest) (lowest)]

- f. Library facilities

not availed

9-10	6-8	0-5	Blank/NA

[10.....  
.....00 (highest) (lowest)]

- g. Computer facilities

not availed:

9-10	6-8	0-5	Blank/NA

[10.....  
.....00 (highest) (lowest)]



h. Interaction with the faculty

9-10	6-8	0-5	Blank /NA
84.21%	15.78%	-	-

[10.....  
.....00 (highest) (lowest)]

i. Recreation facilities

Availed  
If availed:

9-10	6-8	0-5	Blank/NA
68.42%	10.52%	-	21.05%

[10.....  
.....00 (highest) (lowest)]

15. Which parts of the course did you find most useful?

- Field Visit lecturers by mix experts and Forest department staff.
- Classroom session & field visits were equally interesting.
- Almost all as their subjects are relatively novel interested scientific basis. Almost all useful at time of making plans and executive etc.
- Protecting of Marine Habitat free corals and other aspects.
- Specific input on Marine mammals, Sea Turtle, Coral reefs & Managements
- The Course was excellent in entirely well Planned. The Case Studies were excellent.
- The course is practically designed and is mostly off class and in field mode. The right place for right subject.
- Field tour in which we can actually see the efforts done by forest department in conservation.
- Field visit and hands on learning and interaction with resource person is rich experience.
- Marine protected species and laws, crime control and law enforcement.

16. Which parts of the course did you find least helpful?

- Some repeated / Overlapping components between lecturer.
- Overall structure & topics are really helpful but few resource person

should be avoided. They don't have practical experience of working for a policy formation of advocacy

- Repetition of Some aspect in 2 Lecture.

17. **Your overall impression of the course?**

9-10	6-8	0-5	Blank/ NA
84.21%	15.78%	-	-

[10.....  
.....00 (highest) (lowest)]

18. Did the course give you any specific idea(s) about improvements in your working situation when you get back?

YES	NO	Blank/ NA
94.73%	5.26%	-

19. If yes, can you spell them out briefly?

- Will help in managing the wetland ecosystem in my state and importance of the endangered species Conservation.
- Understanding of seagrass meadows and to ecological Significance. Importance of coral reefs and restoration of coral reefs. Enforcement of wildlife laws.
- Helped to understand new intentional of management planning of working in coastal territories. Consideration for coastal & Marine ecosystem conservations activities. Economic potential of marine ecosystem & future challenges of protection.
- The various types & threads and steps to address conservation efforts are a role model that can be applied in various fields.
- As AP Cadre Officer having sufficient sea coast it will definitely useful for Marine Management of Coastal Habitat.
- Improved in the Knowledge of the Marine ecosystem field identification and its conservation
- The importance of marine resource conservation & its importance, Conservation of resources through public participants.
- Learnt in depth knowledge about the marine ecosystems and its importance in sustainable development the practical learning has given contacts & perspectives.
- To apply the knowledge gained in interception of wildlife case involving marine flora & fauna even in most unexpected places like Telangana which is Land locked.
- Nuo Perceptions and ideas of Mangrove restoration & value-added product and Marine Biodiversity undertaking along with seagrasses & seaweeds.
- To Balance conservation and development livelihood need to merge scientific knowledge to provide solution emerging challenges and balance with livelihood.

20. Any other comments/observations/suggestions you wish to make about the course:

- Well, Structured Programme
- Kindly around academicians who don't have practical experience of working with Govt. depts of being part of policy advocacy. As PA Manager of Natural resources conservations, we read these insignificant that helps in engaging such scientific community.
- This is well composed more practical and fully useful for a forest officer in order to work effectively when opportunity be given in this field.
- Course was well organised and conducted smoothly start or valediction may be conducted in the CASFOS itself.
- We can cut short the Madurai module and start from Rameswaram to get more field time.
- This training useful in understanding about the importance of Marine ecosystem such as marine vegetations /Fauna.
- Marine critical components such as mangrove forest, Lagoons, Mud Hats, Coral beds, sand beds, sand dunes, Intertidal areas. 3.Necessity to conserve Marine Ecosystem, Its economic role, Conservation values, contributions to ecosystem & Environment.
- Overall, this is the one of the best courses Moef &CC and it should be continued to train the Officer in the Coming times.
- In used to conduct similar Biodiversity conservation module for commandance deputy commandance of the Indian coast guards of Fri, Dehradun were entire course is conducted all are a classroom course with no field exposure not even live exhibits could be shown to the participants since this module is conducted and gulf of mannar based location (Marine biodiversity hotspot) VIA RAMESWARAM,MANDAPAM and Tuticorin participants are to on Board on sea to migratory birds in coral reefs rich island so that we could understand the working &conservation and management of resources 7 technologies etc. The course may be continued for future years so that they IFS officers of Coastal state and Wetlands and Migratory routes state would be enriched.

**Annexure-IV (A)**

**One Week Compulsory Training Course on “Marine Biodiversity Conservation” for  
IFS Officers from 29<sup>th</sup> January to 02<sup>nd</sup> February 2024**

**List of Participants (Nominated)**

<b>S. No</b>	<b>Officer Name (Sh./SMT.)</b>	<b>Officer Code</b>	<b>Cadre/Year</b>	<b>Remarks</b>
1.	PRABHAT TYAGI	AGMU/112	AGMU/1995	Not Attended
2.	K. S. JAYACHANDRAN	AGMU/214	AGMU/2006	Not Attended
3.	TEJASWINI PUSULURI	AGMU/281	AGMU/2018	Not Attended
4.	SUMAN BENIWAL	AGMU/368	AGMU/2018	Not Attended
5.	DAVINDER SUMAN	AM/180	AM/2012	Not Attended
6.	TEJAS MARISWAMY	AM/196	AM/2013	Not Attended
7.	CHIRANJEEV P. JAIN	AM/248	AM/2019	Not Attended
8.	P. RAMA KRISHNA	AP/230	AP/2005	<b>Attended</b>
9.	AMBARISH KUMAR MALL	BH/244	BH/2015	Not Attended
10.	RUCHI SINGH	BH/251	BH/2017	Not Attended
11.	RAJESH KUMAR PANDEY	CHH/161	CHH/2001	Not Attended
12.	ABHISHEK KUMAR SINGH	CHH/167	CHH/2009	<b>Attended</b>
13.	SHAMA FARUQUE	CHH/228	CHH/2015	Not Attended
14.	G. RAMANA MURTHY	GJ/101	GJ/1997	<b>Attended</b>
15.	PURUSHOTHAMA P.	GJ/167	GJ/2009	<b>Attended</b>
16.	SAMEER RASTOGI	HP/093	HP/1988	<b>Attended</b>
17.	DHARMVEER MEENA	HP/177	HP/2016	<b>Attended</b>
18.	NARESH KUMAR RANGA	HR/115	HR/2012	<b>Attended</b>
19.	SMITHA PANKAJ	JHK/155	JHK/2006	Not Attended
20.	R. THANGA PANDIAN	JHK/156	JHK/2007	<b>Attended</b>
21.	SURAJ KUMAR SINGH	JHK/188	JHK/2015	Not Attended
22.	R. KEERTHI	KR/154	KR/2012	<b>Attended</b>
23.	SURYASEN A.V.	KT/242	KT/2013	<b>Attended</b>
24.	BASAVARAJA K. N.	KT/260	KT/2017	<b>Attended</b>
25.	SANDIP HINDURAO SURYAWANSHI	KT/264	KT/2018	Not Attended
26.	KAJOL AJIT PATIL	KT/268	KT/2019	Not Attended
27.	AMIT KALER	MN/057	MN/2020	Not Attended
28.	LAKHAN LAL UIKEY	MP/550	MP/2003	Not Attended
29.	BRIJENDRA JHA	MP/553	MP/2003	Not Attended
30.	NEHA SRIVASTAVA	MP/595	MP/2016	Not Attended
31.	AJAY KUMAR PANDEY	MP/610	MP/2008	Not Attended
32.	V.R. TIWARI	MS/172	MS/1990	Not Attended
33.	N.R. PRAVEEN	MS/228	MS/2002	Not Attended
34.	SENTITULA	NG/057	NG/2011	Not Attended
35.	SUSHANT KUMAR	OR/199	OR/2013	Not Attended
36.	KALAIVANAN R.	OR/259	OR/2020	<b>Attended</b>
37.	MAHAVIR SINGH	PB/069	PB/2002	Not Attended
38.	P. KATHIRVEL	RJ/140	RJ/2004	<b>Attended</b>
39.	SUPONGSASHI	RJ/166	RJ/2010	Not Attended

40.	SANGRAM SINGH KATTIYAR	RJ/172	RJ/2011	<b>Attended</b>
41.	RAVI KUMAR MEENA	RJ/233	RJ/2016	Not Attended
42.	M. RAVIKUMAR	SK/042	SK/2007	<b>Attended</b>
43.	T. SHIV AASHEESH SINGH	TG/072	TG/2018	Not Attended
44.	V. V. L. SUBHADRA DEVI	TG/091	TG/2016	<b>Attended</b>
45.	JAYANTHI M.	TN/133	TN/1992	Not Attended
46.	DINKAR KUMAR	TN/150	TN/1996	Not Attended
47.	A. PERIASAMY	TN/234	TN/2006	Not Attended
48.	HARSHAKUMAR CHIKKANARAGUND	TR/052	TR/2011	Not Attended
49.	JEYA RAGUL GESHAN B.	TR/063	TR/2016	Not Attended
50.	N. RAVINDRA	UP/252	UP/1995	<b>Attended</b>
51.	ADITI SHARMA	UP/303	UP/2006	Not Attended
52.	DIKSHA BHANDARI	UP/367	UP/2013	Not Attended
53.	VINAY KUMAR BHARGAV	UTT/090	UTT/2009	Not Attended
54.	DEEP CHANDRA ARYA	UTT/148	UTT/2007	Not Attended
55.	BASAVARAJ S. HOLEYACHI	WB/165	WB/2007	Not Attended
56.	JONES JUSTIN S.	WB/215	WB/2018	<b>Attended</b>
57.	Mohan Chandra Pargaien	TG/029	TG/1990	Not Attended
58.	GANESH	AGMU/392		Not Attended
59.	Vinay Khant Mishra	JHK/174	JHK/2013	Not Attended
60.	Ashok Kumar	JHK/089	JHK/1991	<b>Attended</b>

  
PRINCIPAL

**CENTRAL ACADEMY FOR STATE FOREST SERVICE  
COIMBATORE.**

**One Week Compulsory Training Course on “Marine Biodiversity Conservation” for IFS Officers from 29<sup>th</sup> January to 02<sup>nd</sup> February 2024**

**List of Participants (Attended)**

S. NO.	NAME OF PARTICIPANTS	STATE/UT	Officer Code	BATCH
1.	Mr. P. RAMA KRISHNA, IFS	ANDHRA PRADESH	AP/230	2005
2.	Mr. ABHISHEK KUMAR SINGH, IFS	CHHATTISGARH	CHH/167	2009
3.	Mr. G. RAMANA MURTHY, IFS	GUJARAT	GJ/101	1997
4.	Mr. PURUSHOTHAMA P., IFS	GUJARAT	GJ/167	2009
5.	Mr. NARESH KUMAR RANGA, IFS	HARYANA	HR/115	2012
6.	Mr. SAMEER RASTOGI, IFS	HIMACHAL PRADESH	HP/093	1988
7.	Mr. DHARAMVEER MEENA, IFS	HIMACHAL PRADESH	HP/177	2016
8.	Mr. ASHOK KUMAR, IFS	JHARKHAND	JHK/089	1991
9.	Mr. R. THANGA PANDIAN, IFS	JHARKHAND	JHK/156	2007
10.	Mr. SURYASEN A.V., IFS	KARNATAKA	KT/242	2013
11.	Dr. BASAVARAJA K. N., IFS	KARNATAKA	KT/260	2017
12.	Mrs. R. KEERTHI, IFS	KERALA	KR/154	2012
13.	Mr. KALAIVANAN R., IFS	ODISHA	OR/259	2020
14.	Mr. P. KATHIRVEL, IFS	RAJASTHAN	RJ/140	2004
15.	Mr. SANGRAM SINGH KATIYAR, IFS	RAJASTHAN	RJ/172	2011
16.	Mr. M. RAVIKUMAR, IFS	SIKKIM	SK/042	2007
17.	Mrs. V. V. L. SUBHADRA DEVI, IFS	TELENGANA	TG/091	2016
18.	Mr. N. RAVINDRA, IFS	UTTAR PRADESH	UP/252	1995
19.	Mr. JONES JUSTIN S., IFS	WEST BENGAL	WB/215	2018

  
PRINCIPAL

**CENTRAL ACADEMY FOR STATE FOREST SERVICE  
COIMBATORE.**

**One Week Compulsory Training Course on “Marine Biodiversity Conservation” for IFS Officers from 29<sup>th</sup> January to 02<sup>nd</sup> February 2024**

**Revised Schedule of the Workshop**

**28.01.2024 (Sunday)**

Arrival of participants at Madurai

**29.01.2024 (Monday)**

**Venue: Madurai**

09 00 – 10 00 Registration

10 00 – 11 00 **Session – 1:** Inauguration

**Chief Guest:** Mrs.R.Padmawathe IFS,CCF, Madurai Circle.

11 00 – 11 30 Tea

11 30 – 12 30 **Session – 2:** Introduction to Marine Biodiversity

11 30 – 12 30 Marine Protected Species

*Dr. A. Biju Kumar, Professor & Head, Dept. of Aquatic Biology and Fisheries, University of Kerala, Trivandrum*

12 30 – 13 30 Lunch

13 30 – 17 30 Local visits at Madurai

17 30 – Departure to Rameswaram

20 00 - Arrival at Rameswaram

20 30 - Dinner

**30.01.2024 (Tuesday)**

**Venue: Rameswaram**

10 00 – 13 30 **Session – 3: Coastal Habitats & Associated Biodiversity**

10 00 – 11 00 **Diversity & Conservation of Seagrasses**

*Dr. P. Anantharaman, Dean*

*CAS in Marine Biology Faculty of Marine Sciences, Annamalai University.*

11 00 – 11 30 Tea

11 30 – 12 30 **Coastal birds.**

*Dr. Balachandran, BNHS.*

12 30 – 13 30 **Seaweed Diversity of India and their Sustainable Conservations**

*Dr. M. Ganesan, Senior Principal Scientist (Retd.)*

*Central Salt & Marine chemicals Research Institute, Mandapam*

13 30 – 14 30 Lunch

14 30 – 18 00 **Visit to Dhanushkodi and Rameswaram coastal areas**

19 00 Dinner



**31.01.2024 (Wednesday)**

06 00 – 11 00	<b>Visit to Manoli Island – Bird watch</b> <i>Dr. Balachandran, BNHS</i>
11 00 – 11 30	Tea
12 30 – 1 00	<b>Session – 4: Endangered species and Conservation Efforts</b>
12 30 – 13 15	<b>Exclusive Economic Zone &amp; Living Resources</b> <i>Dr. VINOD KAVUNGAL</i> <i>Principal Scientist &amp; Head Mandapam Regional Centre of ICAR-CMFRI</i>
13 15 – 14 00	<b>Marine Mammals</b> <i>Dr. Anant Pande Program Head - Marine Megafauna</i> <i>Wildlife Conservation Society – India</i>
14 00 – 14 45	Lunch
14 45 – 15 30	<b>Sea turtles</b> <i>Dr. Supraja Dharini, Tree Foundation</i>
15 30 – 16 15	<b>Case study on Wildlife cases under prevention of money Laundering Act, 2002</b> <i>Mr. G. Venkatesh, FRO</i>
17 00	Departure to Tuticorin
19 00	Arrival at Tuticorin & Dinner

**01.02.2024 (Thursday)**

**Venue: Tuticorin**

06 00-13 30	<b>Session-6:</b> Learning from the field.
06 00 – 12 00	Visit to Vaan and Koswari Islands Coral restoration and Artificial Reef sites & Snorkeling Experience <i>Gulf of Mannar Marine National Park &amp; SDMRI</i>
12 00 – 12 –45	<b>An overview of Marine biodiversity in India</b> <i>Dr. Deepak Apte, Former Director, Bombay Natural History Society Mumbai</i>
12 45 -13 30	<b>Coral reefs</b> <i>Dr. K. Diraviya Raj, Associate Professor, SDMRI, Tuticorin</i>
13 30- 14 30	Lunch
14 45 – 17 00	<b>Session – 7:</b> Co-management & Conservation
14 45 – 15 30	<b>Bio-invasion, Destructive Fishing Practices</b> <i>Dr. K. Diraviya Raj, Associate Professor, SDMRI, Tuticorin</i>
15 30 – 16 00	Tea
16 00 – 18 00	Visit to coastal areas in Tuticorin – An experience in marine litter
19 00	Course Dinner

**02.02.2024 (Friday)**

06:00-11.30    **Session-8: Conservation & Management.**

06 00 – 7.30            Visit to coastal villages  
Hands-on experience in eco development activities

09 00 – 09 45            *Gulf of Mannar Marine National Park*  
**Coastal ecosystem restorations**  
*Dr. K. Diraviya Raj, Associate Professor, SDMRI, Tuticorin*

09 45 – 10 30            **Conservation & Management of mangroves in India**  
*Dr. K. Kathiresan, Professor (Retd) Annamalai University*

10:30-11.00            Tea

11 00 – 12 00            Valedictory and closing remarks

12 00 - 13 00            Lunch

13 00                      Departure of participants

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**COIMBATORE.**

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**Contacts Details of Resource Persons**

<b>Sl. No</b>	<b>Name &amp; Designation</b>	<b>Contact no.</b>
1.	<b>Dr. A. Biju Kumar</b> , Professor & Head, Dept. of Aquatic Biology and Fisheries, University of Kerala, Trivandrum	9447216157
2.	<b>Dr. P. Anantharaman</b> , Dean CAS in Marine Biology Faculty of Marine Sciences, Anna Malai University, Parangipettai	9994545903
3.	<b>Dr. Balachandran</b> , BNHS	9443453088
4.	<b>Dr.M. Ganesan</b> , Senior Principal Scientist (Retd) Central Salt & Marine Chemicals research Institute, Mandapam	73391 79318
5.	<b>Dr. Vinod Kavungal</b> Principal Scientist & Head Mandapam Regional Centre of ICAR-CMFRI	9444238648
6.	<b>Dr. Anant Pande</b> Program Head - Marine Megafauna Wildlife Conservation Society	8192086499
7.	<b>Dr Supraja Dharini</b> , Tree Foundation	94440 52242
8.	<b>Mr. G. Venkatesh</b> , FRO	9123540802, 9597697845
9.	<b>Dr. Deepak Apte</b> , Former Director, Bombay Natural History Society Mumbai	9820602965
10.	<b>Dr. K. Diraviya Raj</b> , Associate Professor, SDMRI, Tuticorin	9443871819
11.	<b>Dr. K. Kathiresan</b> , Professor (Retd) Annamalai University	9442068003

**Annexure-VII****One Week Compulsory Training Course on “Marine Biodiversity Conservation” for IFS Officers from 29<sup>th</sup> January to 02<sup>nd</sup> February 2024****Contacts Details of Participants**

<b>S.no</b>	<b>OFFICER NAME(SH./SMT.)</b>	<b>OFFICER CODE</b>	<b>CADRE/YEAR</b>	<b>MOBILE NO.</b>
1	P. RAMA KRISHNA	AP/230	AP/2005	9440810072
2	ABHISHEK KUMAR SINGH	CHH/167	CHH/2009	9407937987
3	G. RAMANA MURTHY	GJ/101	GJ/1997	9825381680
4	PURUSHOTHAMA P.	GJ/167	GJ/2009	7874310648
5	SAMEER RASTOGI	HP/093	HP/1988	7018435964
6	DHARMVEER MEENA	HP/177	HP/2016	7017892306
7	R. KEERTHI	KR/154	KR/2012	6282603270
8	SURYASEN A.V.	KT/242	KT/2013	9410992281
9	R. THANGA PANDIAN	JHK/156	JHK/2007	8279751237
10	NARESH KUMAR RANGA	HR/115	HR/2012	9467130007
11	KALAIVANAN R.	OR/259	OR/2020	9789996985
12	P. KATHIRVEL	RJ/140	RJ/2004	9414190574
13	SANGRAM SINGH KATIYAR	RJ/172	RJ/2011	7728980366
14	M. RAVIKUMAR	SK/042	SK/2007	09593977946
15	V. V. L. SUBHADRA DEVI	TG/091	TG/2016	9676055155
16	N. RAVINDRA	UP/252	UP/1995	9532998245
17	JONES JUSTIN S.	WB/215	WB/2018	7708299685
18	Dr.Basavaraja.K.N	KT/260	KT/2007	9643043160
19	MR. ASHOK KUMAR IFS	JHK/089	JHK/1991	9431110088

## Photos of Lecture &amp; Field Visit





