



KERALA FORESTS &
WILDLIFE DEPARTMENT

**ADMINISTRATION
REPORT 2018-19**



GOVERNMENT OF KERALA

ADMINISTRATION REPORT

2018-19

KERALA FORESTS & WILDLIFE DEPARTMENT

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Abbreviations

1	AA	Administrative Assistant
2	ABP	Agasthyavanam Biological Park
3	ACF	Assistant Conservator of Forests
4	AD	Assistant Director
5	Admin	Administration
6	APCCF	Additional Principal Chief Conservator of Forests
7	APO	Annual Plan of Operations
8	BDC	Bio - Diversity Cell
9	BFO	Beat Forest Officer
10	CAMPA	Compensatory Afforestation Fund Management and Planning Authority
11	CASFOS	Central Academy for State Forest Service
12	C&AG	Comptroller and Auditor General
13	CC	Central Circle
14	CCF	Chief Conservator of Forests
15	CF	Conservator of Forests
16	CFVO	Chief Forest Veterinary Officer
17	CHR	Cardamom Hill Reserve
18	CR	Critically Endangered
19	CSS	Centrally Sponsored Scheme
20	CWW	Chief Wildlife Warden
21	DBMS	Database Management System
22	DCF	Deputy Conservator of Forests
23	DD	Deputy Director
24	DFO	Divisional Forest Officer
25	DLC	District Level Committee
26	Dy RFO	Deputy Range Forest Officer
28	EAP	Externally Aided Project
29	EC	Eastern Circle
30	ED & TW	Eco - Development & Tribal Welfare
31	EDC	Eco Development Committees
32	EFL	Ecological Fragile Lands
33	EMF	Eco - system Management Fund

Contd.....

34	EO	Estate Officer
35	F & WLD	Forest & Wildlife Department
36	FB & A	Finance Budget & Audit
37	FDA	Forest Development Agency
38	FD(PT)	Field Director (Project Tiger)
39	FDT	Forest Development Tax
40	FHQ	Forest Head quarters
41	FIB	Forestry Information Bureau
42	FLR	Forest, Land & Resources
43	FM	Forest Management
44	FMIS	Forest Management Information System
45	FPMS	Forest Fire Prevention & Management Scheme
46	FR	Forest Resource
47	FRSC	Forest Resource Survey Cell
48	FS	Forest Station
49	FT	Forest Tribunal
50	FTC	Fire Training Centre
51	FTI	Forest Training Institute
52	FVO	Forest Veterinary Officer
53	GHG	Green House Gases
54	GIM	Green India Mission
55	GIS	Geo-Information System
56	HoFF	Head of Forest Force
57	HRC	High Range Circle
58	IA	Internal Audit
59	ICT	Information & Communication Technology
60	I & E	Inspection & Evaluation
61	IFGTB	Institute of Forest Genetics & Tree Breeding
62	IFM	Intensification of Forest Management
63	IFS	Indian Forest Service
64	IHRD	Infrastructure & Human Resource Development
65	IPC	Industrial Plantation Circle

Contd.....

66	IT	Information Technology
67	IUCN	International Union for Conservation of Nature
68	JICA	Japan International Co-operation Agency
69	JS	Joint Secretary
70	KDH	Kannan Devan Hills
71	KFD	Kerala Forest Department
72	KFRI	Kerala Forest Research Institute
73	KFSC	Kerala Forest Seed Centre
74	KSDI	Kerala Spatial Database Infrastructure
75	KSIDC	Kerala State Industrial Development Corporation
76	KSWIFT	Kerala Single Window Interface for Fast and Transparent Clearance
77	LAR	Local Audit Report
78	LO	Liaison Officer
79	MFP	Minor Forest Produce
80	MoEFCC	Ministry of Environment, Forest & Climate Change
81	MSP	Minimum Support Price
82	NABARD	National Bank for Agriculture & Rural Development
83	NC	Northern Circle
84	NR	Northern Region
85	NSC	Nature Study Centre
86	NTCA	National Tiger Conservation Authority
87	NWFP	Non - Wood Forest Produce
88	PA	Protected Area
89	PAC	Public Accounts Committee
90	PE	Periyar East
91	PCCF	Principal Chief Conservator of Forests
92	PFM	Participatory Forest Management
93	PRF	Proposed Reserve Forest
94	PRO	Public Relations Officer
95	RF	Reserved Forest
96	RFO	Range Forest Officer
97	RFPF	River Forest Protection Fund

Contd.....

98	RIDF	Rural Infrastructure Development Fund
99	RRT	Rapid Response Team
100	SAMETI	State Agricultural Management & Extension Training Institute
101	SA & NO	Special Afforestation & Nodal Officer
102	SC	Southern Circle
103	SF	Social Forestry
104	SFDA	State Forest Development Agency
105	SFO	Section Forest Officer
106	SFTI	State Forest Training Institute
107	SIP	Special Investigation & Protection
108	SPARK	Service & Payroll Administrative Repository for Kerala
109	SPMU	State Project Monitoring Unit
110	SPV	Special Purpose Vehicle
111	SR	Southern Region
112	Sr. AA	Senior Administrative Assistant
113	Sr.AO	Senior Administrative Officer
114	Sr.FO	Senior Finance Officer
115	SS	Senior Superintendent
116	STP	State Training Policy
117	TA	Technical Assistant
118	T & E	Training & Evaluation
119	TBGRI	Tropical Botanical Garden and Research Institute
120	TRIFED	Tribal Co-operative Marketing Development Federation of India Ltd
121	TS	Timber Sales
122	TSPA	Teak Seed Production Areas
123	V&FI	Vigilance & Forest Intelligence
124	VF	Vested Forest
125	VSS	Vana Samrakshana Samithy
126	WBI	Wood-Based Industries
127	WLS	Wild Life Sanctuary
128	WLD	Wild Life Divisions
129	WLW	Wild Life Warden
130	WP &R	Working Plan and Research

CHAPTER 1

HISTORY OF FOREST MANAGEMENT OF KERALA

1.1 EVOLUTION OF THE DEPARTMENT

Kerala Forest Department (KFD) is one of the oldest departments of the State of Kerala. When the country attained independence from British rule in 1947, the Kerala Forest Department inherited the basic institutional framework of the colonial forest administration, with emphasis on forest protection and revenue generation and a very limited involvement of the general public. Over the last one and half century, the Kerala Forest Department has evolved in response to changing forest policies, management priorities and demands on the forests. A paradigm shift has occurred in the National Forest Policy of 1988 and the new policy aspires to conserve the forests of India and its rich bio-diversity, with the participation of the people living in and around the forests, through Participatory Forest Management (PFM) while maintaining ecological integrity.

Before independence, the forests of Kerala were governed under three different administrative regions namely, British for the Malabar area, the King of Cochin for the erstwhile Cochin State and the King of Travancore for the erstwhile Travancore State. Madras Forest Act 1882, Cochin Forest Regulation Act 1905 and Travancore Forest Act 1887 were applicable in the respective areas. During the British and the Princely State's era, the entire western coast of Kerala had a luxuriant stretch of forest vegetation. More than 90% of the geographical area along the Western Ghats, more than 75% geographical area along the mid land and more than 60% geographical area along the coastline had dense forest cover.

The people of that time had, for religious or other reasons, protected and conserved these forests in its pristine glory. Thus, till the independence of our nation in 1947 and subsequent amalgamation of the Princely States, more than 75% of the geographical area of the State of Kerala was under dense forest

cover. But, after independence, by the early 1950s, encroachments in the forest areas had begun to take place and the trend continued till the 1960s and early 1970s, reducing the extent of forests considerably.

When Travancore and Cochin States were reorganised on the 1st July 1949, the Forest Department had eight Forest Divisions, viz; Thiruvananthapuram, Kollam, Shencotta (now in Tamil Nadu), Konni, Kottayam, Malayattur, Chalakkudy and Thrissur. In 1950, these Divisions were brought under two Territorial Circles with their headquarters at Kollam and Thrissur. With the merger of the erstwhile Princely States of Travancore, Cochin and Malabar (originally a part of the Madras Presidency), in terms of the States Reorganisation Act 1956, Forest Department was also reorganised into three Territorial Circles, viz; Kollam, Chalakkudy and Kozhikode, respectively. These three circles had fourteen Forest Divisions, viz; Thiruvananthapuram, Thenmala, Punalur, Konni and Ranni under Kollam Circle, Kottayam, Malayatur, Chalakkudy and Thrissur under Chalakkudy Circle and Nenmara, Palakkad, Nilambur, Kozhikode and Wayanad under Kozhikode Circle. The forest boundaries of these Divisions and Ranges were notified vide G.O (Ms) No. 683/Agriculture-Forest-A, dated 27.06.1958.

1.2 EXPANSION OF THE DEPARTMENT

In 1960, a new Development Circle with Headquarters at Thrissur was formed with five newly created Special Divisions namely, Teak Plantation Division- Parambikulam, Liaison Division - Sungam, Grassland Afforestation Division. Pamba (Peerumedu), Hydel Division -Kottayam and Tramway Division - Chalakkudy. In 1961, the Kerala Forest School (now State Forest Training Institute, SFTI) at Walayar in Palakkad district was established under the Development Circle. Again, during 1964-65, four more Special Divisions, viz; Kallar Valley Teak Plantation-(Achencoil) Division, Teak Plantation Division-Edamalayar, Packing Paper Scheme Division- Kalady and Industrial

Plantation Division - Perumbavoor were created under the Development Circle with the objective of raising large-scale economically valuable plantations of Teak and others species, after removing less valuable heterogeneous miscellaneous forest growth.

In July 1965, an Industrial Plantation Circle (IPC) with headquarters at Thrissur was formed, having five Divisions namely, Perumbavoor, Perumuzhy, Kalady, Vazhachal and Kothamangalam. Consequently, the number of Divisions under the Development Circle was reduced to seven by excluding Chalakkudy- Tramway Division and including the Forest School. Subsequently, as per G.O (Ms)No.1136/68/ Agri.dated: 01.04.1968, the Development Circle was abolished and its seven Divisions were brought under the Territorial Circles.

In 1971, a Vested Forest (Special) Circle having its headquarters at Kozhikode, was established with four Special Divisions, viz; Palakkad, Nilambur, Kozhikode and Thalassery to manage the Private Forests vested in the Government under the Kerala Private Forests (Vesting and Assignment) Act, 1971. In the year 1971, a Rubber Plantation Circle based at Punalur was created for raising Rubber Plantations for providing permanent employment to the Srilankan repatriates and it was subsequently wound up during 1976, as it was converted into a limited company called Rehabilitation Plantations Ltd, Punalur.

The KFD has evolved gradually during the last fifty years, with the expansion of manpower and administrative units. Thus, in 1972, the Department had three Territorial Circles i.e., Southern, Central, and Northern and five Functional Circles, i.e. (i) Working Plan and Research (WP and R) Circle (ii) Industrial Plantations Circle (IPC) (iii) Special Circle, Kozhikode (iv) Vigilance and Evaluation Circle and (v) Rubber Plantations Circle. In those days, Department had two Chief Conservators of Forests (CCF). Apart from the above, two more posts of Conservators were created for Planning and Industries in 1972.

In order to streamline the disposal of timber through public auctions, separate Timber Sales Divisions headed by Assistant Conservator of Forests (ACF), were constituted and they started functioning with their headquarters at Thiruvananthapuram, Punalur, Perumbavoor and Kozhikode in December 1977 under the respective Territorial Circles, for marketing timber through Government Timber Depots. Pathanapuram Depot for Kollam Circle, Mudikkal Depot for Thrissur Circle and Kallai Depot for Kozhikode Circle were notified on 31.03.1973 as the Central Depots for receiving Rose wood from all over Kerala and for marketing the same. At present, there are six Timber Sales Divisions, viz; Thiruvananthapuram, Punalur, Kottayam, Perumbavoor, Palakkad and Kozhikode with 28 Timber Depots.

On 15.04.1980, Mankulam Special Division was formed for the protection of 22253 acres of land which was resumed under the Kannan Devan Hills (KDH) (Resumption of Lands) Act, and was handed over by the Revenue Department to the Forest Department. The entire land so received from the Revenue Department and managed thereafter in Mankulam Division, was notified under Section 4 of the Kerala Forest Act, 1961 as Reserved Forests, vide G.O (Rt) No. 384/2007/F and WLD, dated: 24.05.2006.

Due to the reorganisation of the Industrial Plantations Circle (IPC) and the Chalakkudy (Thrissur) Territorial Circle as per G.O (Ms)No.34/81/AD, dated 07-02-1981, a new territorial circle wing by the name of High Range Circle (HRC) was formed, with headquarters at Kottayam, while abolishing the IPC. Thus Kottayam, Kothamangalam, Munnar and Mankulam Territorial Divisions were added to the HRC while Thrissur, Chalakkudy, Vazhachal and Malayattur Territorial Divisions were retained under the Central Circle, Thrissur.

1.2.1 Formation of Social Forestry Wing

The Social Forestry wing was formed during the year 1982, to implement World Bank aided Social Forestry Project. The goal of the World Bank Project

was to enhance forest cover outside the forest areas and utilizing people centric models for a wider outreach. The project components were supply of seedlings to farmers, raising plantations along roadsides, railway lines, canal banks, community lands, institutional premises, public lands etc., carrying out extension activities and imparting necessary trainings to the farmers to adopt Agro-Forestry models. A separate Social Forestry wing headed by a Chief Conservator of Forests (CCF), with 14 district level Social Forestry Divisions, each headed by an Assistant Conservator of Forest (ACF) was created for the purpose. Each Social Forestry Division had Range Offices at the Taluk level. Social Forestry Circle Offices headed by Conservators of Forests (CF), at Kollam and Kozhikode were formed during the year 1984 and the Circle Office at Ernakulam came into existence in 1994. The district level Social Forestry Divisions of Thiruvananthapuram, Kollam, Pathanamthitta, Alappuzha and Kottayam fall under the Kollam Circle. Similarly, Idukki, Ernakulam, Thrissur and Palakkad fall under the Ernakulam Circle and Malappuram, Kozhikode, Wayanad, Kannur and Kasaragod fall under the Kozhikode Social Forestry Circle.

In 1989, the Reserved Forests and Vested Forests falling in Palakkad and Nenmara Territorial Divisions and Palakkad Vested Forest Division were amalgamated and reorganised into Palakkad, Nenmara and Mannarkkad Territorial Divisions, vide G.O (Ms) No. 121/89/F and WLD, dated:26.12.1989,. This reorganization was done for better administrative convenience and forest protection by consolidating the compact areas of Divisions and Ranges as administrative units in order to bring their boundaries corresponding to the district/taluk boundaries. During the year 1990, another major organisational change took place in the Department when Nilambur (Territorial) Division and Nilambur (Special) Division were amalgamated and reconstituted, resultantly Nilambur (North) and Nilambur (South) Territorial Divisions were formed. The five Territorial Divisions were brought under the newly formed (01.04.1988) Eastern Circle with headquarters at Olavakkode (Palakkad). Similarly, in January 1990, the

vested Forests of Kozhikode and Thalassery Special Divisions and the Reserved Forests of Kozhikode and Wayanad Territorial Divisions were also amalgamated and reorganized into Kozhikode, Wayanad (North), Wayanad (South) and Kannur Divisions, all with territorial status, to have compact areas of administrative units with the ultimate objective of having the Division and Range boundaries in consonance with District and Taluk boundaries, respectively.

Consequent to the reorganization of Kasargod, Kannur, Wayanad, Kozhikode, Malappuram and Palakkad Revenue Districts in 1990, the Forest Divisions within these districts falling under the jurisdiction of the Northern Circle, Kozhikode and Vested Forests Circle, Kozhikode, were also reorganized. The Northern Circle with headquarters at Kozhikode was now having jurisdiction over Kozhikode, Wayanad South, Wayanad North and Kannur Territorial Divisions and the newly formed Eastern Circle with headquarters at Olavakkode(Palakkad) having Palakkad, Nenmara, Mannarkkad, Nilambur (North) and Nilambur (South) Territorial Divisions under its jurisdiction.

To control the rampant smuggling of valuable timber and other forest produce to the neighbouring Tirunellveli district of Tamil Nadu across the southern State borders of Kerala, a new Territorial Forest Division with headquarters at Achenkovil, was formed with effect from 01.07.1993 comprising Achenkovil, Kallar and Kanayar Ranges. Simultaneously, the existing Kallar Valley Teak Plantations Special Division was abolished. Similarly, in view of the large-scale illicit felling and removal of the rare and endangered Sandal wood trees and consequent depletion of the stock in the Sandal reserves of Marayoor, Kanthalloor and Munnar areas, a Special Sandal Division based at Marayoor was created on 08.06.2005 for ensuring effective protection of Sandal from further depletion and to strengthen the administrative system. The existing Marayoor Range with Marayoor and Nachivayal Forest Stations under Munnar Division, and newly formed Kanthalloor Range with Kanthalloor and Vannanthura Forest Stations, were

added to Marayoor Sandal Division.

Marayoor Sandalwood Depot had been an integral part of the Munnar Forest Division under the Range Office, Marayoor till 08.06.2005. The activities at the Depot included collection, receipt, storage and processing of the Sandal Wood from Marayoor Sandal Reserves and other parts of the State and its sale through public e-auction. With the creation of a separate Forest Division namely, Sandal Division, the Marayoor Sandal wood Depot was brought under the Division.

Thus by 2007, the Kerala Forest Department had five Territorial Circles, viz; Southern Circle with Thiruvananthapuram, Punalur, Konni, Ranni, Thenmala, Achencovil Divisions and Thiruvananthapuram and Punalur Timber Sales (TS) Divisions,

1. High Range Circle with Kottayam, Kothamangalam, Munnar, Mankulam and Marayoor Divisions and Kottayam (TS) Division,
2. Central Circle with Thrissur, Malayattoor, Chalakkudy, Vazhachal Divisions and Perumbavoor (TS) Division,
3. Eastern Circle with Palakkad, Nenmara, Mannarkkad, Nilambur (North), Nilambur (South) Divisions and Palakkad (TS) Division and
4. Northern Circle with Kozhikode, Wayanad (North), Wayanad (South), Kannur, Kasargod Division and Kozhikode (TS) Division.

1.2.2 Formation of Wildlife Wing

Wildlife Wing of KFD was constituted vide G.O (Ms) No.319/84/AD, dated: 02.11.1984 with effect from 01.03.1985 in accordance with the directions issued by the Government of India vide its letter No.6-14/82/FRY(WL), dated: 23.09.1982. In the said letter, the Government of India had directed all states to constitute a separate Wildlife Wing for the scientific management of Sanctuaries and National Parks in the country. The Government of India had also prescribed that a minimum of 33% of State's land area shall be maintained as forests out of which forests over 10% of the land areas shall be declared and managed as Protected Areas (PA) for

conservation of Wildlife and bio-diversity. The Chief Conservator of Forests and Chief Wildlife Warden (CWW) as the head of Wildlife Wing began functioning in 1985 to ensure scientific and sustainable management of Protected Areas.

In 1978, a separate Field Directorate with headquarters at Kottayam, headed by a Conservator of Forests, was created for the implementation of the Project Tiger. As on 31.03.2019, the Kerala Forest Department has 6 National Parks and 17 Wildlife Sanctuaries and one Community Reserve working harmoniously towards its goal.

Table 1 - National Parks and Wildlife Sanctuaries

Sl No.	Name	Area (km ²)	Year of formation
National Parks			
1	Eravikulam National Park	97.000	1978
2	Periyar National Park	*350.00	1982
3	Silent Valley National Park	**237.520	1984
4	Anamudi Shola National Park	7.500	2003
5	Mathikettan National Park	12.817	2003
6	Pambadum Shola National Park	1.318	2003
Wildlife Sanctuaries			
1	Periyar WLS (Tiger Reserve)	***925.000	1950
2	Neyyar WLS	128.000	1958
3	Peechi - Vazhani Wildlife Sanctuary	125.000	1958
4	Parambikulam WLS (Tiger Reserve)	****643.660	1973
5	Wayanad WLS	344.440	1973
6	Idukki WLS	70.000	1976
7	Peppara WLS	53.000	1983
8	Thattekkad Bird Sanctuary	25.000	1983
9	Shendurney WLS	171.000	1984
10	Chinnar WLS	90.440	1984
11	Chimmony WLS	85.000	1984
12	Aralam WLS	55.000	1984
13	Mangalavanam Bird Sanctuary	0.027	2004
14	Kurinjimala Sanctuary	32.000	2006

Sl No.	Name	Area (km ²)	Year of formation
15	Choolannur Pea Fowl Sanctuary	3.420	2007
16	Malabar Sanctuary	*****74.215	2009
17	Kottiyoor WLS	30.380	2011
	Community Reserve		
1	Kadalundy – Vallikunnu Community Reserve	1.500	2007
	TOTAL	3213.237	

* Periyar National Park (350 Sq.km) Is included in Periyar Wildlife Sanctuary

** Includes 148 km² of buffer zone added to Bhavani range during 2007

*** Includes 148 km² of Critical Tiger Core areas from Goodrical Range

**** Includes Core or Critical Tiger Habitat (390.89 km²) and Buffer zone (252.77km²).

***** These areas are under the administrative control of Divisional Forest Officer, Kozhikode

Subsequently, all the Protected Areas (PAs) were brought under the Wildlife wing and separate Wildlife Divisions (WLD) were also formed to manage them. The Wildlife Divisions started functioning under the Field Directorate. In March 1992, a new Circle was formed namely, Agasthyavanam Biological Park (ABP) Circle for implementing the ABP project with 5 crore Rs. with the objectives of afforestation, eco-restoration, conservation of wildlife and promotion of wildlife tourism in degraded forests of Thiruvananthapuram Forest Division. Thiruvananthapuram and Shendurney Wildlife Divisions (Neyyar, Peppara, and Shendurney) were brought under the control of ABP Circle which had its headquarters at Thiruvananthapuram. Again with effect from 01.01.1996, a new Wildlife Circle based at Olavakkode (Palakkad) with Peechi, Silent Valley, Parambikulam and Wayanad WLDs (Peechi-Vazhani, Parambikulam, Wayanad WLS and Silent Valley National Park) was organised. Later during 2007, Choolannur Pea Fowl Sanctuary was added to this Circle. In April 2006, the post of Circle head was upgraded as Chief Conservator of Forests. To spearhead, manage and monitor land scape level Bio-Diversity conservation, rural livelihood and research activities, a Bio-diversity Conservation Cell initially headed by a Conservator of Forests and later in April 2006 by a Chief Conservator of Forests was created with its office at Forest Headquarters, Thiruvananthapuram. The post has been upgraded to the level of Addl. Principal Chief Conservator of Forests (APCCF) since 31.12.2011.

Thus by 2007, the Wildlife Wing had its Field Directorates at Kottayam with Periyar (East), Periyar (West), Munnar and Idukki WLDs and Palakkad Wildlife Circle with Peechi, Silent Valley, Aralam, Parambikulam and Wayanad WLDs and ABP Circle with Thiruvananthapuram and Shendurney WLDs.

1.2.3 Formation of Vigilance and Evaluation Wing

For co-ordination and systematic evaluation of forestry programmes of the Department and for timely detection and prevention of illicit collection and transport of forest produce, a Forest Vigilance and Evaluation Wing headed by Conservator of Forests, was established in 1971 vide G.O (Ms) No. 289/71/Agri. dated: 23.02.1971. The Vigilance wing has five field units of Flying Squad Divisions namely, Punalur, Kottayam, Ernakulam, Palakkad and Kozhikode assisted by Flying Squad Ranges. In 1991, the Vigilance and Evaluation Wing was further strengthened with the creation of two Vigilance and Evaluation Circles based at Kottayam and Kozhikode with Conservators of Forests to head them. Presently there are four Flying Squad Divisions namely, Thiruvananthapuram, Punalur, Idukki, Kothamangalam under Vigilance and Evaluation Circle, Kottayam and four Flying Squad Divisions viz; Ernakulam, Palakkad, Kozhikode and Kannur under Vigilance and Evaluation Circle, Kozhikode. The Vigilance wing is headed by Principal Chief Conservator of Forests (PCCF) since 04.02.2016.

1.2.4 Formation of Working Plan and Research (WP& R) Wing

Till 1967, preparation of Working Plans was undertaken under the directions of the respective Territorial Conservator of Forests. With effect from 26.04.1968, a separate Working Plan Circle was formed for Working Plans, Research and Training. In 1976, three Working Plan Divisions, each under the charge of a Deputy Conservator of Forests (DCF) at Kozhikode, Thrissur and Kollam were created for the preparation/revision of Working Plans. Again, on 29.04.1981, three more Working Plan Divisions were created each headed by Assistant Conservator of Forests (ACF) in view of the backlog of Working Plans preparation. The Kerala Forest School, Walayar functioning with effect from 01.11.1961, for imparting training in forestry to the Section

Forest Officers and Beat Forest Officers and the Kerala Forest School, Arippea functioning with effect from 27.05.1981 for clearing the backlog of untrained Beat Forest Officers, were also brought under the Working Plan and Research (WP and R) Circle with headquarters at Thiruvananthapuram.

Silvicultural Research had already commenced under the British era in the old Malabar area, which was a part of the former Madras Presidency in 1924. After independence, the Silvicultural Research Division was established in 1952 with headquarters at Kodanad in Travancore-Cochin State to perform adaptive Silvicultural research. It was subsequently shifted to Thrissur in 1958 and finally to Thiruvananthapuram in 1967. This Division was brought under the Working Plan and Research (WP and R) Circle. Till 1956, the Division was headed by the State Silviculturist as was the trend in the forest departments of other States. But in 1957, it was re-designated as Silvicultural Research Officer. The Division is having six Research Ranges for performing field research work. With the objective of collecting data on forest resources such as Bamboo, Reeds, Canes, Medicinal plants etc. on a continuing basis, a Forest Resources Survey Cell (FRSC) headed by an Assistant Conservator of Forests (ACF), based at Thrissur was created on 29.04.1981 under the Working Plan and Research Circle.

In 1990-91, the Forest Schools were separated from the Working Plan and Research (WP and R) Circle and brought under Conservator of Forests (Training). During the course of the implementation of externally aided Kerala Forestry Project (1998-2003), the training portfolio was redesignated as Infrastructure and Human Resource Development (IHRD). The Fire Training Centre, opened at Kulamavu in 1979 under the control of the Working Plan and Research Circle, under Indo-New Zealand Technical Cooperation Programme for imparting training to the forest personnel in preventing, controlling and combating forest fires, was also attached to the Conservator of Forests (Training). These Forest Schools were reconstituted as State Forest Training Institutes (SFTI) with effect from 07.09.2016 and are functioning under the control of APCCF (IHRD), Thiruvananthapuram.

1.2.5 Formation of Forest Publicity Wing

Forest Publicity Wing (which was subsequently renamed as Forestry Information Bureau) was created in 1979. The Bureau functions as a mouth piece of the Department with a view to focus public attention on the importance of forests, securing the cooperation of conservationists and tree lovers, ensuring public involvement in Social Forestry programmes, forest conservation and preservation, promoting public relations, publishing information on Forestry and the Department's achievements for the information of the public.

1.2.6 Forest Veterinary Unit

The Forest veterinary unit was formed with office at Konni during 1979-80. The Forest Veterinary Officer (FVO) visits all the Elephant Camps periodically. His role is about reporting the health status of Elephants, helping DFOs in micro chipping the privately owned Elephants, their treatment and post-mortem formalities. The FVO visits the animal rescue centers and oversees the upkeep of animals. He also attends to the veterinary matters pertaining to the animals in the wild. A full-fledged Forest Veterinary Unit was formed as per GO (Ms) No.12/2017/Forest, dtd.20.03.2017, by creation of posts of a Chief Forest Veterinary Officer and 12 Assistant Forest Veterinary Officers.

1.2.7 Mini Forest Survey Unit

The Mini Forest Survey Unit was established on 28.07.1982 with its headquarters at Kozhikode and an Assistant Director, as its head. The unit is responsible for attending to works of survey of new forest boundaries, re-fixation of old Reserved Forest boundaries, re-fixation of hill men settlements, lease holds and permanent assignments within reserved forests. Now, the wing is headed by an Assistant Director of Survey assisted by 2 Survey Superintendents, 2 Head Surveyors, 1 Head Draftsman, 18 Surveyors and 8 Draftsmen on deputation from the Survey Department.

1.2.8 Forest Station System

The Forest Station System is the first of its kind in the country, and was introduced by the Kerala Forest Department in 1988, based on the model of Police Stations to replace of the Beat-Section System. This system was aimed at delivering a more effective forest protection in the field while utilizing the collective strength of staff. Simultaneously, it also aimed to provide security to the forest protective staff against organized gangs of smugglers. Each Forest Station is headed by a Deputy Range Forest Officer who is assisted by 4 to 5 Section Forest Officers and 12 to 16 Beat Forest Officers depending upon the extent and nature of the forest area under each Station. At present, 124 Forest Stations in 57 Ranges under 23 Divisions are operational. Forest Stations in other Divisions are yet to be commissioned as the process requires creation and recruitment of additional field staff, infrastructure and financial resources.

1.2.9 Special Forest Courts

Special Forest Courts at Manjeri, Punalur, Thodupuzha and Judicial First Class Magistrate Court, Nedumangad were established for trying forest offences exclusively in view of the fact that trial of forest cases in the Subordinate Courts of law was taking a long time for final disposal that resulted in the field staff facing practical difficulties in protection related issues.

1.2.10 The Forest Tribunal

The Forest Tribunal was established in the year 1973 as per Section 7 of the Kerala Private Forest (Vesting and Assignment) Act, 1971 vide G.O (Ms) No.354/73/AD, dated: 22.10.1973. Since the District Courts are barred from entertaining any petition under the Act, petitioners have to approach the Forest Tribunal first. The Tribunal is an independent entity under the administrative control of Forest and Wildlife Department as per G.O (Ms) No. 45/02 / F and WLD, dated: 13.08.2002.

1.2.11 Formation of Kasargod Division

A new Divisional Forest Office with headquarters at Kasaragod was established vide G.O (Ms)No.22/2012/F and WLD, dated: 27.03.2012.

1.2.12 Major Milestones

- 1956 Establishment of a Development Circle at Forest Headquarters
- 1957 Establishment of 3 Circles (Kollam, Chalakkudy, Kozhikode) and 14 Divisions
- 1961 Establishment of a Development Circle at Thrissur for Teak and Eucalyptus plantations in five Divisions under third Five- Year Plan.
- 1961 Kerala Forest Act
- 1961 Kerala Forest School established at Walayar
- 1966 Indian Forest Service revived.
- 1971 Kerala Private Forests (Vesting and Assignment) Act 1971
- 1971 Kannan Devan Hills Resumption of Lands Act
- 1972 Vigilance and Evaluation wing established
- 1973 Wild Life (Protection) Act 1972 adopted by the State
- 1975 Kerala Forest Research Institute established under the Department of Science and Technology
- 1978 Project Tiger Circle formed with Headquarters at Kottayam
- 1980 Forest (Conservation) Act 1980
- 1981 High Range Circle created with Headquarter at Kottayam
- 1981 Industrial Plantation Circle, Perumbavoor was abolished
- 1981 Kerala Forest School established at Aripa
- 1982 Social Forestry Wing was formed
- 1984 Silent Valley declared as National Park
- 1985 As per directions of Ministry of Environment and Forests in Government of India, the wildlife wing was constituted
- 1985 Wildlife Wing established
- 1986 Head of KFD was designated as Principal Chief Conservator of Forests

- 1986 Kerala Preservation of Trees Act came into being
- 1988 National Forest Policy announced
- 1991 Convener system for forestry works introduced
- 1998 State Forest Policy - guidelines issued
- 1998 Kerala Forestry Project (World Bank Aided) commenced
- 2000 Regional CCFs appointed at Kollam and Kozhikode
- 2000 Kerala Forest (Vesting and Management of Ecological Fragile Lands) Ordinance came into being
- 2002 Forest Management Information System (FMIS) Wing established
- 2003 IHRD Wing established
- 2005 EFL Wing Established
- 2005 Kerala Forest (Vesting and Management of Ecological Fragile Lands) Act came into being
- 2005 Kerala Promotion of Tree Growth on Non Forest Areas Act was promulgated
- 2008 State Forest Policy
- 2008 Head of KFD was designated as Principal Chief Conservator of Forests and Head of Forest Force.
- 2010 Establishment of National Green Tribunal
- 2011 Formation of Forest Rapid Response Team
- 2012 Kerala Forest (Regulation of Sawmills and Other Wood-based Industrial Units) Rules
- 2012 Formation of Kasargod Division
- 2014 Implementation of e-auction
- 2018 E-Data base for Captive Elephant
- 2018 Implementation of online booking for Eco-Tourism Centers

1.3 Vision, Mission and Objectives

Forest is a multiuse, multi stakeholder natural resource to be managed as a public trust for the benefit of the present as well as the future generations. Accordingly, the Kerala Forest Department has the following mission, vision and objectives.

Vision

- Well managed forests that anchor ecological and socio-economic security.

Mission

- Conserve forests for provisioning ecosystem goods and services flow to forest dependent community and to the society, without compromising the ecological integrity of the landscape.

Objectives

- To scientifically manage the forests by adopting the ecosystem approach so that the ecosystem goods and services from the forests flow to the society for posterity.
- To improve the hydrological functions of forest catchments so that forests provide optimum water resources to society.
- To conserve the rich biodiversity in forest and support community to conserve biodiversity outside the forest areas.
- To manage forests on participatory and inclusive principles so that the livelihood needs of forest dependent communities are fulfilled through the prudent management of Non Timber Forest Produce (NTFP).
- To sensitise the public on the need for conserving our forests through community based, low impact, ecotourism initiatives that support the livelihoods of the forest dependent communities.
- To enhance social and cultural values of forests.
- To increase the productivity of forests and plantations.
- To popularize tree planting among the public so as to effectively address the negative effects of global warming.
- To improve the knowledge support system on forest management through relevant and appropriate research and capacity development program.
- To function as the readily accessible arm of the Government in the remote and inaccessible areas within/along the periphery of the forests.

1.4 Statutory and Non – Statutory Functions

- To conserve and expand unique and complex natural forests of Kerala for posterity, particularly with regards to water, biodiversity, extent, productivity, edaphic, environmental, historical, cultural and aesthetic values, without affecting their ecological process.
- To increase the productivity of forest plantations through appropriate management interventions and use of modern technology.
- To increase the tree cover both in non - forest and forest areas.
- To conserve, maintain and enhance the existing gene pool of the State for posterity.
- To reduce pressure on forest through appropriate interventions.
- To enhance the standard of living of the tribes and other forest dependent communities.
- To sustainably conserve and manage bio diversity-rich and sensitive ecosystems such as mangroves, sacred groves, coastal areas, wetlands, homesteads private plantations etc. that are outside the control of forest department.
- To improve the hydrological potential of forest and provide silt free clean runoff.

1.5 Major Acts and Rules Implemented by the Department

- Indian Forest Act, 1927
- The Cattle Trespass Act, 1961
- The Wild Life (Protection) Act, 1972
- The Forest (Conservation) Act, 1980
- The Environment (Protection) Act, 1986
- The Environment (Protection) Rules, 1986
- The Wild Life (Protection) Rules, 1995
- The Forest (Conservation) Rules, 2003
- The Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006

- The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Rule, 2007
- The Kerala Forest Act, 1961
- The Kerala Cattle Trespass Rules, 1962
- Kerala Private Forests (Vesting and Assignment) Act, 1971
- The Kerala Rules for Payment of Compensation to Victims of Attacks by Wild Animals, 1980
- The Kerala Grants and Leases (Modification of Rights) Act, 1980
- The Kerala Preservation of Trees Act, 1986
- The Kerala Essential Articles Control Act, 1986
- The Kerala Forest Development Fund Rules, 1989
- The Kerala Forests Resources Development Fund Rules, 1989
- The Kerala Grants and Leases (Modification of Rights) Rules, 1990
- The Kerala Forest (Prohibition of felling of trees standing on land temporarily or permanently assigned) Rules, 1995
- The Kerala Forest (Vesting and Management of Ecologically Fragile Lands) Act, 2003
- The Kerala Captive Elephants (Management and Maintenance) Rules, 2003
- The Kerala (Promotion of Tree Growth in Non Forest Land Areas) Act, 2005
- The Kerala Forest (Vesting and Management of Ecologically Fragile Land) Rules, 2008
- The Kerala (Promotion of Tree Growth in Non-forest Areas) Rules– 2011
- The Kerala Forest (Regulation of Saw mills and Other wood based Industrial Units) Rules, 2012
- The Kerala Forest (Restriction on Cutting and Selling of Sandal Trees and Grant of License for Possession and

Transport of Sandal Wood and sandal Wood Oil) Rules,2012

- Kerala Captive Elephants (Management and Maintenance) Rules,2012

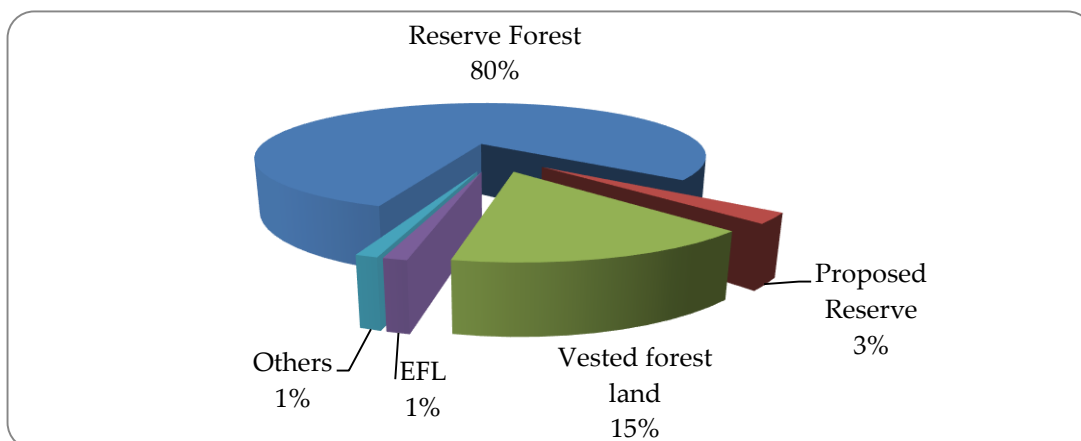
1.6 CONSTITUTION OF STATE FORESTS

The forest area under the administrative charge of Kerala Forest Department is 11520.058 km² at the close of the year 2018-19 and forms 29.65% of the total geographical area of the State (38863km²) as against the National average of 23.24%. The per capita forest land of the State as per 2011 Census is 0.035 Ha. The total plantation area is 1562.856 km² which accounts 13.57% of the total forest area.

Table 2 - Distribution of Forest Area and their Legal Status

Type of Forests	Extent in km²
Reserved Forest (RF)	9195.704 km ²
Proposed Reserve (Prop. RF)	291.606 km ²
Vested Forest Land (VF)	1766.062 km ²
Ecologically Fragile Land (EFL)	137.659 km ²
Others (PA Status only)	129.027 km ²
Total Forest Area	11520.058 km²

LEGAL STATUS-WISE DISTRIBUTION OF FOREST AREA OF KERALA



Circle and Division wise distribution of forest area (km²) according to legal status as on 31.03.2019 is given below.

Table 3 - Circle and Division wise Forest Area (km²)

Sl No.	Divisions	RF	Prop. RF	VF	EFL	Others (PA)	Total
I. Southern Circle, Kollam							
1	Thiruvananthapuram	359.124	5.825	0.376	7.169	0.000	372.494
2	Thenmala	140.753	0.000	7.736	0.455	0.000	148.944
3	Achencovil	284.330	0.000	0.208	1.331	0.000	285.869
4	Ranni	902.329	7.225	1.568	0.000	0.000	911.122
5	Punalur	275.381	0.000	0.169	0.157	0.000	275.707
6	Konni	320.553	11.102	3.012	0.000	0.000	334.667
Total		2282.470	24.152	13.069	9.112	0.000	2328.803
II. High Range Circle, Kottayam							
7	Kottayam *	627.286	1.069	31.967	2.666	0.000	662.988
8	Kothamangalam	316.840	0.024	0.158	0.000	0.000	317.022
9	Munnar **	693.535	69.095	2.575	5.148	0.000	770.353
10	Mankulam	0.000	90.057	0.000	0.000	0.000	90.057
11	Marayoor	14.375	47.260	0.076	2.465	0.000	64.176
Total		1652.036	207.505	34.776	10.279	0.000	1904.596

Sl No.	Divisions	RF	Prop. RF	VF	EFL	Others (PA)	Total
III. Central Circle, Thrissur							
12	Vazhachal	353.414	0.000	0.000	0.000	0.000	353.414
13	Chalakudy	237.470	0.000	0.000	0.040	0.000	237.510
14	Malayattoor	609.725	0.556	0.000	0.000	0.000	610.281
15	Thrissur	207.007	0.034	4.314	0.733	0.000	212.088
Total		1407.616	0.590	4.314	0.773	0.000	1413.293
IV. Eastern Circle, Palakkad							
16	Mannarkkad	150.732	0.000	271.697	7.250	0.000	429.679
17	Nilambur North	58.393	0.252	371.720	9.622	0.000	439.987
18	Nilambur South	267.599	0.000	57.385	3.009	0.000	327.993
19	Palakkad	73.410	0.000	160.591	29.746	0.000	263.747
20	Nenmara	205.517	0.038	141.778	9.613	0.000	356.946
Total		755.651	0.290	1003.17	59.240	0.000	1818.352
V. Northern Circle, Kannur							
21	Kozhikkode	24.400	38.157	231.429	15.072	0.000	309.058
22	Wayanad North	134.058	15.107	65.852	9.082	0.000	224.099
23	Wayanad South	67.678	3.774	203.123	20.442	0.000	295.017
24	Kannur	93.361	0.000	60.380	4.821	0.000	158.562
25	Kasaragode	86.023	1.921	30.061	4.905	0.000	122.910
Total		405.520	58.959	590.845	54.322	0.000	1109.646
VI. Wildlife Circle, Agasthyavanam Biological Park							
26	Thiruvananthapuram WL	211.980	0.000	0.000	0.000	0.000	211.980
27	Shenduruney	167.653	0.000	4.226	0.354	0.000	172.233
Total		379.633	0.000	4.226	0.354	0.000	384.213
VII. Wildlife Circle, Field Director Project Tiger, Kottayam							
28	Periyar East (Thekkad)	709.000	0.000	0.000	0.000	0.000	709.000

Sl No.	Divisions	RF	Prop. RF	VF	EFL	Others (PA)	Total
29	Periyar West (Peerumedu)	216.00	0.000	0.000	0.000	0.000	216.000
30	Munnar WL	112.077	0.000	0.000	0.000	***129.00	241.077
31	Idukki WL	130.524	0.000	0.000	0.000	0.000	130.524
Total		1167.601	0.000	0.000	0.000	129.00	1296.601
VIII. Wildlife Circle, Palakkad							
32	Parambikulam	376.900	0.000	0.000	0.000	0.000	376.900
33	Wayanad WL	344.443	0.039	0.000	0.052	0.000	344.534
34	Silent Valley	154.380	0.000	79.720	3.391	0.000	237.491
35	Peechi	210.067	0.000	3.301	0.136	0.000	213.504
36	Aralam	52.740	0.000	32.640	0.000	0.000	85.380
Total		1138.530	0.039	115.661	3.579	0.000	1257.809
Other Divisions having Forest Area							
37	TS Perumbavoor	0.284	0.031	0.000	0.000	0.000	0.315
38	TS Kozhikode	0.202	0.000	0.000	0.000	0.000	0.202
39	NSC Kalady	6.161	0.040	0.000	0.000	0.000	6.201
40	Mangalavanm BS	0.000	0.000	0.000	0.000	0.027	0.027
TOTAL		6.647	0.071	0.000	0.000	0.027	6.745
GRAND TOTAL		9195.704	291.606	1766.062	137.659	129.027	11520.058

* Includes an extent of 479.258 Sq. km Cardamom Hill Reserves (CHR) in Kottayam Division

** Includes an extent of 372.98 Sq. km Cardamom Hill Reserves (CHR) in Munnar

*** Protected area (Status only)

1.7 DEMARCATION OF FOREST BOUNDARIES

The major activities taken up in the department during 2018- 19 were survey of forest boundaries, forest protection and regeneration of denuded forests. Boundary demarcation was carried out by construction of cairns and “kayyalas” (dwarf walls) along the boundary of the forests. Degraded forest areas were rehabilitated by planting in gaps with the local species. Protection of the forests from fire was carried out mainly by

undertaking fire lines and engaging fire protection watchers. The achievements under the above activities during the current year are given below.

Table 4 - Demarcation of Forest Boundaries as on 31.03.2019

Sl.No	Boundary Demarcation	Length(km)
1	Total length of forest boundary	16845.81
2	Length of Natural boundary not requiring demarcation	5291.07
3	Total length of boundary requiring demarcation	11554.74
4	Total length of boundary demarcated	9541.83
5	Length of boundary which require demarcation as on 31.03.2019	2012.68
6	Junda constructed during 2018-19	700 km 14618 nos.
7	Approximate no. of Jundas to be constructed for completing boundary consolidation	45060.00

1.8 IMPROVING PRODUCTIVITY OF PLANTATIONS

The Department is having around 1,50,000 Ha (13% of total forest area) of forest plantations of various species of which Teak covers an extent of approximately 76,700 Ha (51% of the total plantation area). The annual revenue of the Department comes mainly from the thinning and final felling of these plantations. While on the one hand, due to enhanced protection to the wildlife, the animal populations of different species have increased over the years, on the other hand, extensive damage to newly established plantations is caused by Sambar Deer and Elephants. Scientific methods for enhancing the quality of soil and the planting stock are also being adopted to ensure better yields from new plantations.

Table 5 - Plantations raised during 2018-19

Scheme	Planting New Areas (Ha)	Maintenance of plantations (Ha)
Hardwood Species	197.70	1158.52
Industrial Raw Materials	236.97	980.08
Non-Wood Forest Species	40.00	947.45

Table 6 - Forest Area according to utilization as on 31.03.2019

Sl No.	Mode of Utilisation	Area(km²)	% total
1	Dense Forests/Degraded Forest	9018.356	78.28
2	Plantation	1562.856	13.57
3	Area under lease	555.356	4.82
4	Forest land diverted under FC Act, 1980	383.490	3.33
	Total	11520.058	

Table 7 - Species wise extent of Plantation Area as on 31.03.2019

Sl No	Species	Area (Ha.)	Sl No	Species	Area (Ha.)
1	Teak	76710.554	8	Rosewood	375.056
2	Teak and Soft wood	14440.346	9	Mahogany	553.402
3	Acacia mangium	3082.365	10	Sandalwood	64.340
4	Acacia auriculiformis	7618.208	11	Other Hardwood	1226.544
5	Eucalyptus	6471.94	12	Reeds	543.35
6	Cane	3926.163	13	Pepper	100.000
7	Bamboo	5277.302	14	Medicinal Plants	2944.409

Sl No	Species	Area (Ha.)	Sl No	Species	Area (Ha.)
15	<i>Grevillea robusta</i>	550.630	25	Cashew	4357.434
16	Pine	546.400	26	Agave	9.640
17	Rubber	42.100	27	Alnus	74.350
18	Albizzia	147.29	28	Sesbania	21.070
19	Anjili	589.609	29	Casuarina	118.870
20	Kambakam	230.760	30	Silver Oak	134.250
21	Elavu	303.51	31	Mangroves	371.068
22	Balsa	21.040	32	Fruit bearing	302.543
23	Wattle	2191.41	33	Miscellaneous	22437.104
24	Matti	500.662	34	Tea	1.902
Total		156285.621			

Table 8 - Outturn of Timber as on 31.3.2019

Sl. No	Species	Unit	Production
1	Acacia	MT	1096.059
2	<i>Acacia mangium</i>	MT	19064.200
3	Akil / Vellakil	M ³	1919.931
4	Ambazham	M ³	4.267
5	Anjily	M ³	355.804
6	Bamboo	MT	25447.890
7	Chandanavembu/Red- cedar	M ³	60.578
8	Cheeni	M ³	16.624
9	Chorakkali	M ³	10.436
10	Elavu/Poola	M ³	225.081
11	Eucalyptus	MT	3538.614
12	Fire wood/Billets	MT	5269.608

Sl. No	Species	Unit	Production
13	Irul	M ³	934.404
14	Jack/Plavu	M ³	41.102
15	Kambakom	M ³	20.699
16	Kanjiram	M ³	0.883
17	Kara /Rudraksham	M ³	9.982
18	Karimthakara	M ³	79.253
19	Karingazha	M ³	1.788
20	Karuna	M ³	3.854
21	Karuva	M ³	1.079
22	Kulamavu/Ooravu	M ³	52.242
23	Kumbil	M ³	1.489
24	Kunnivaka	M ³	14.892
25	Kurangatti	M ³	11.254
26	Mahagony	M ³	22.263
27	Malaveppu	M ³	1.070
28	Manimaruthu	M ³	8.349
29	Manjakadambu	M ³	42.979
30	Maruthu	M ³	1261.314
31	Matti	M ³	11.566
32	Mavu	M ³	23.418
33	Mazhamaram	M ³	9.506
34	Mullankaini	M ³	47.020
35	Mulluvangai	M ³	10.541
36	Myla	M ³	2.227
37	Nasakom / Kanala	M ³	42.227
38	Nedunar	M ³	3.185

Sl. No	Species	Unit	Production
39	Njaval	M ³	31.451
40	Pala/Mukkampala	M ³	156.400
41	Pali	M ³	17.758
42	Pathiri	M ³	5.117
43	Poochakadambu	M ³	0.153
44	Poomaram	M ³	2.194
45	Poon/Punna/Punnappa	M ³	52.675
46	Poovam	M ³	26.216
47	Pottama	M ³	5.734
48	Reeds	MT	2596.740
49	Rosewood	M ³	93.774
50	Sandal wood	Kg	98834.300
51	Silver Oak	M ³	18.457
52	Teak	M ³	21223.904
53	Teak poles	MT	9090.895
54	Thanni	M ³	203.851
55	Thellippaine	M ³	6.476
56	Thembavu/Karimaruthu	M ³	131.667
57	Unnam/Chadachi	M ³	20.043
58	Uthi	M ³	1.620
59	Vaka	M ³	136.240
60	Vatta	M ³	447.416
61	Vediplavu	M ³	8.788
62	Vengai	M ³	16.377
63	Venteak	M ³	428.459

Table 9 - Non-Wood Forest Produce (NWFP) as on 31.3.2019

Sl No.	Item	Quantity Procured (kg)
1	Adalodakam Dry	333.00
2	Adalodakam Pacha	9082.00
3	Athithippali	6581.00
4	Broom Grass	83125
5	Cane	52951
6	Cheevakai	466116.00
7	Chenchellayam I	907.5
8	Chenchellayam 2	1416.50
9	Chenchellayam 3	144.90
10	Cheruthekku	1428.5
11	Cheruvazhuthana	41537.00
12	Cheruvazhuthana (Pacha)	17987.00
13	Cheruthen	1414.40
14	Chittaratha	94.00
15	Chunda Pacha	131183.00
16	Derba	538.50
17	Eramkol	21300.00
18	Inja	990.00
19	Kadukkathode	150.00
20	Kakkumkai	1631.40
21	Kalpasam	130.00
22	Kanjiratholi	251.00
23	Karimkuringi	88482.00
24	Kasturimanjal	41068.00
25	Kattmulaginthand	10761.70

Sl No.	Item	Quantity Procured (kg)
26	Kattupadavalam	8483.50
27	Kattuthippali	3696.00
28	Kayanthikuru	11.00
29	Kolinchi	433.00
30	Koppuvella	108.50
31	Kudampuli	8529.00
32	Kumil	3804.00
33	Kurumulakuvally	1312.00
34	Kunthirikkom	5880.91
35	Kurumthotti	14811.50
36	Kurumthotti (Pacha)	124804.00
37	Marottikkuru	3715.00
38	Moovila	14960.80
39	Mullilam	26.90
40	Nagadandani	10768
41	Orila	8128
42	Orila Dry (Red)	5347
43	PachottiPatta	20366.50
44	Padakizhangu	1125
45	Palmuthakku	491
46	Pathiripoovu	1181.95
47	Pattincha/Incha	5916
48	Peenari	615
49	Pollakai	2260
50	Ponkoradi	798
51	Putharichunda	380

S1 No.	Item	Quantity Procured (kg)
52	Seethari	84.20
53	Tharavella	315
54	Vanthen	37606.85
55	Vellakunthirikom	32.00
56	Wax (Bee Wax)	244.80
Total		1265806.81

Source: Kerala State Federation of SC / ST Development Co-operative Ltd.

CHAPTER 2

ORGANISATIONAL SETUP

2.1 ORGANISATIONAL STRUCTURE OF THE DEPARTMENT

During the year 2018-19, the Department was headed by Shri.P.K. Kesavan IFS, the Principal Chief Conservator of Forests and Head of Forest Force (PCCF and HoFF). The Principal Chief Conservator of Forests and Head of Forest Force is the Chief Advisor to the State Government on all forestry matters and is responsible for the implementation of various activities and projects under Plan, Non Plan and Centrally Sponsored Schemes in the department. The other Principal Chief Conservators of Forests, Additional Principal Chief Conservators of Forests and Chief Conservators of Forests work to assist the Principal Chief Conservator of Forests and Head of Forest Force in the day-to-day management of the Department and for the implementation of various activities and projects.

The Organisational structure of the department is as follows:

Table 10 - Organisational set up during 2018-19

Offices	Officers
Office of the Principal Chief Conservator of Forests and Head of Forest Force.	Principal Chief Conservator of Forests (Wildlife) and Chief Wildlife Warden
	Principal Chief Conservator of Forests (Social Forestry)
	Principal Chief Conservator of Forests (Forest Management)
	Principal Chief Conservator of Forests (Vigilance and Forest Intelligence)
	Principal Chief Conservator of Forests (Forest Land and Resources) and Custodian EFL
	Addl. Principal Chief Conservator of Forests (Administration)

Offices	Officers
Office of the Principal Chief Conservator of Forests and Head of Forest Force.	Addl. Principal Chief Conservator of Forests (Forest Management Information System)
	Addl. Principal Chief Conservator of Forests (Southern Region, Kollam) up to 16/08/2018
	Addl. Principal Chief Conservator of Forests (Northern Region, Kozhikode)
	Special Afforestation and Nodal Officer, CAMPA
	Conservator of Forests and TA to PCCF and HoFF
	Joint Secretary, Law Wing
Office of the Principal Chief Conservator of Forests (Wildlife) and Chief Wildlife Warden	<ul style="list-style-type: none"> ▪ ACF(BDC) <p>CF(Agasthyavanam Biological Park) Thiruvananthapuram</p> <ul style="list-style-type: none"> ▪ Wildlife Warden, Thiruvananthapuram ▪ Wildlife Warden, Shendurney <p>Field Director (Project Tiger), Kottayam</p> <ul style="list-style-type: none"> ▪ Wildlife Warden, Munnar ▪ Wildlife Warden, Idukki ▪ Deputy Director (Periyar Tiger Reserve) East, Thekkady ▪ Deputy Director (Periyar Tiger Reserve) West, Peerumedu. <p>Chief Conservator of Forests (Wildlife), Palakkad</p> <ul style="list-style-type: none"> ▪ Wildlife Warden, Aralam ▪ Wildlife Warden, Wayanad ▪ Wildlife Warden, Silent Valley ▪ Deputy Director, Parambikulam Tiger Reserve ▪ Wildlife Warden, Peechi <p>CF and TA to PCCF(Wildlife) and CWW Chief Forest Veterinary Officer DCF(Wildlife) ACF (Project Elephant)</p>

Offices	Officers
Office of the Principal Chief Conservator of Forests (Social Forestry)	<p>APCCF (IHRD)</p> <ul style="list-style-type: none"> ▪ DCF (IHRD) ▪ Director, State Forest Training Institute, Walayar ▪ Director, State Forest Training Institute, Arippa ▪ Deputy Director, State Forest Training Institute, Walayar ▪ Deputy Director, State Forest Training Institute, Arippa ▪ ACF, Fire Training Centre, Arippa ▪ ACF & TA to APCCF (IHRD) ▪ Forest Training Centre, Thiruvananthapuram <p>CCF (WP&R)</p> <ul style="list-style-type: none"> ▪ Working Plan Officer, Kollam ▪ Working Plan Officer, Punalur ▪ Working Plan Officer, Achencovil ▪ Working Plan Officer, Munnar ▪ Working Plan Officer, Palakkad ▪ Working Plan Officer, Kozhikode ▪ Research North, Thrissur. ▪ Research North 1 and Special Officer Zoological Park, Thrissur ▪ DCF, Research South, Thiruvananthapuram ▪ DCF, Research South 1, Thiruvananthapuram ▪ DCF, Working Plan South, Kollam ▪ DCF, Working Plan Central, Thrissur ▪ DCF, Working Plan North, Kozhikode ▪ ACF, FRS Cell, Thrissur <p>CF (SF) Southern Region, Kollam</p> <ul style="list-style-type: none"> ▪ ACF (SF), Thiruvananthapuram ▪ ACF (SF), Kollam ▪ ACF (SF), Alappuzha ▪ ACF (SF), Pathanamthitta ▪ ACF (SF), Kottayam ▪ ACF (SF) Extension, Kollam

Offices	Officers
Office of the Principal Chief Conservator of Forests (Social Forestry)	<p>CF (SF) Central Region, Ernakulam</p> <ul style="list-style-type: none"> ▪ ACF (SF),Palakkad ▪ ACF (SF),Thrissur ▪ ACF (SF),Ernakulam ▪ ACF (SF),Idukki ▪ ACF (SF),Extension, Ernakulam ▪ ACF, NSC, Kalady <p>CF (SF) Northern Region, Kozhikode</p> <ul style="list-style-type: none"> ▪ ACF (SF),Kozhikode ▪ ACF (SF),Kasaragod ▪ ACF (SF),Kannur ▪ ACF (SF),Wayanad ▪ ACF (SF),Malappuram ▪ ACF(SF)Extension, Kozhikode DCF (Social Forestry) ACF (Social Forestry) ▪ Director, Forestry Information Bureau (FIB)
Office of the Principal Chief Conservator of Forests (Forest Management)	<p>APCCF (Finance, Budget and Audit)</p> <ul style="list-style-type: none"> ▪ DCF(Development) ▪ ACF(Planning) ▪ Senior Finance Officer ▪ Deputy Director(Statistics) CCF (Eco Development and Tribal Welfare) ▪ DCF (E and TW) ▪ ACF(Participatory Forest Management) CF and TA to PCCF (FM)
Office of the Principal Chief Conservator of Forests (Vigilance and Forest Intelligence)	<p>APCCF (Vigilance and Forest Intelligence)</p> <ul style="list-style-type: none"> • CF (Inspection and Evaluation), Kottayam <ul style="list-style-type: none"> • DFO,Flying Squad, • DFO, Flying Squad, Punalur • DFO,FlyingSquad, Kothamangalam • DFO, Flying Squad, Idukki • CF (Inspection and Evaluation), Kozhikode <ul style="list-style-type: none"> • DFO, Flying Squad, Ernakulam • DFO, Flying Squad, Palakkad • DFO, Flying Squad, Kozhikode • DFO, Flying Squad, Kannur ▪ ACF (Vigilance 1) ▪ ACF (Vigilance 2) ▪ ACF(Vigilance 3) ▪ ACF (Vigilance 4)

Offices	Officers
Office of the Principal Chief Conservator of Forests (Forest Land and Resources) and Custodian EFL	APCCF (Forest Land and Resources) <ul style="list-style-type: none"> ▪ DCF (Protection) ▪ DCF (Forest Resources) ▪ ACF(EFL)
Office of the Addl. Principal Chief Conservator of Forests (Administration)	<ul style="list-style-type: none"> ▪ DCF(Administration) ▪ ACF(Administration) ▪ Senior Administrative Officer ▪ ACF (Estate Officer)
Special Afforestation and Nodal Officer, CAMPA	<ul style="list-style-type: none"> ▪ CCF (SA) and NO ▪ ACF (SA) and NO
Office of the Addl. Principal Chief Conservator of Forests (Forest Management Information System)	CCF (IT) <ul style="list-style-type: none"> ▪ ACF(FMIS) ▪ ACF(GIS)
Office of the Additional Principal Chief Conservator of Forests (Regional South), Kollam	CCF (Southern Circle), Kollam <ul style="list-style-type: none"> ▪ DFO, Ranni ▪ DFO, Konni ▪ DFO, Achenkovil ▪ DFO, Punalur ▪ DFO, Thenmala ▪ DFO, Thiruvananthapuram ▪ DFO, Timber Sales, Punalur ▪ DFO, Timber Sales,Thiruvananthapuram CCF (High Range Circle), Kottayam <ul style="list-style-type: none"> ▪ DFO, Kothamangalam ▪ DFO, Munnar ▪ DFO, Mankulam ▪ DFO, Kottayam ▪ DFO, Marayoor Sandal Division, Marayoor ▪ DFO, Timber Sales, Kottayam

Offices	Officers
Office of the Addl. Principal Chief Conservator of Forests (Regional North), Kozhikode	<p>CCF (Central Circle), Thrissur</p> <ul style="list-style-type: none"> ▪ DFO, Thrissur ▪ DFO, Chalakkudy ▪ DFO, Vazhachal ▪ DFO, Malayattoor ▪ DFO, Timber Sales, Perumbavoor <p>CCF (Eastern Circle), Palakkad</p> <ul style="list-style-type: none"> ▪ DFO, Nilambur North ▪ DFO, Nilambur South ▪ DFO, Mannarkkad ▪ DFO, Palakkad ▪ DFO, Nemmara ▪ DFO, Timber Sales, Palakkad <p>CCF (Northern Circle), Kannur</p> <ul style="list-style-type: none"> ▪ DFO, Kannur ▪ DFO, Wayanad North ▪ DFO, Wayanad South ▪ DFO, Kozhikkode ▪ DFO, Kasargode ▪ DFO, Timber Sales, Kozhikkode. <p>Assistant Director, Forest Mini Survey, Kozhikode.</p>

Table 11 - Officers in charge of the various wings during 2018-19

Sl. No.	Office/Wing	Name	Designation	Period		Remarks
				From	To	
Headquarters wings						
1	Principal Chief Conservator of Forests and HoFF	Sri. P.K. Kesavan, IFS	Principal Chief Conservator of Forests (HoFF)	01.03.2018	continuing	
2	Wildlife	Sri. P.K. Kesavan, IFS	Principal Chief Conservator of Forests (Wildlife) and Chief Wildlife Warden	01.03.2018	24.12.2018	Additional charge
		Sri. Surendra Kumar, IFS		24.12.2018	continuing	
3	Forest Management	Sri. A.K. Dharni, IFS	Principal Chief Conservator of forests(Forest Management)	28.10.2017	continuing	
4	Social Forestry	Sri.K.A. Muhammed Noushad	Principal Chief Conservator of Forests (Social Forestry)	28.10.2017	continuing	
5	Vigilance and Forest Intelligence	Sri. A.K. Dharni, IFS	Principal Chief Conservator of Forests (V)	01.08.2017	continuing	
6	Administration	Dr.Amith Mallick, IFS	Additional Principal Chief Conservator of Forests (Administration)	27.04.2017	16.09.2018	
		Sri.K.A. Muhammed Noushad, IFS		16.09.2018	continuing	Additional charge

Sl. No.	Office/Wing	Name	Designation	Period		Remarks
				From	To	
7	Finance Budget and Audit	Sri. Rajan Sehgal, IFS	Additional Principal Chief Conservator of Forests (Finance Budget and Audit)	01.04.2018	08.02.2019	
		Sri. Gopalakrishnan, IFS		08.02.2019	06.03.2019	Additional charge
				07.03.2019	continuing	
8	Forest, Land and Resources and Custodian EFL	Sri.Bennichen Thomas, IFS	Principal Chief Conservator of Forests (Forest, Land and Resources)	01.04.2018	Continuing	
9	Vigilance and Forest Intelligence	Sri. A.K.Dharni, IFS	Additional Principal Chief Conservator of Forests (V and FI)	01.04.2018	Continuing	Additional charge
10	Infrastructure and Human Resource Development	Sri. S.Gopalakrishnan, IFS	Additional Principal Chief Conservator of Forests (IHRD)	01.04.2018	06.03.2019	
		Sri.V.V.Shajimon, IFS		07.03.2019	Continuing	
11	Special Afforestation and Nodal Officer, CAMPA	Sri. Bennichen Thomas, IFS	Principal Chief Conservator of Forests (Spl.Afforestation and Nodal Officer)	01.04.2018	Continuing	Additional charge
12	Forest Management Information System	Sri.V.V.Shajimon, IFS	Additional Chief Conservator of Forests (IT)	01.04.2018	06.03.2019	Continuance sanction of ex-cadre post discontinued from 06.03.2019

Sl. No.	Office/Wing	Name	Designation	Period		Remarks
				From	To	
15	Bio Diversity Cell	Dr.Amit Mallick, IFS	Additional Principal Chief Conservator of Forests (Bio diversity Cell)	02.02.2018	16.09.2018	Additional charge
		Smt.PadmaMahanti, IFS	Additional Principal Chief Conservator of Forests (Eco Development and Tribal Welfare)	16.09.2018	29.12.2018	Additional charge
16	Forest,Land and Resources	Sri.E Pradeepkumar, IFS	Additional Principal Chief Conservator of Forests (Forest, Land and Resources)	25.03.2019	Continuing	
17	EcoDevelopment and Tribal Welfare	Sri. Rajan Sehgal, IFS	Additional Principal Chief Conservator of Forests (Finance Budget and Audit)	28.12.2017	24.07.2018	
		Smt.PadmaMahanti, IFS	Conservator of Forests and Technical Assistant Chief Wildlife Warden(Eco Development and Tribal Welfare)	24.07.2018	Continuing	
18	Working Plan and Research	G. Phanindrakumar Rao, IFS	Chief Conservator of Forests (Working Plan and Research)	11.08.2017	Continuing	Additional charge

Sl. No.	Office/Wing	Name	Designation	Period		Remarks
				From	To	
Regions						
1	Regional South, Kollam	Sri.E.Pradeep Kumar, IFS	Additional Principal Chief Conservator of Forests (Regional North), Kollam	28.10.2017	16.08.2018	Additional charge
		Sri.Deepak Mishra, IFS	Chief Conservator of Forests (HighRange Circle) Kottayam	16.08.2018	17.12.2018	
2	Regional North, Kozhikode	Sri.E.Pradeep Kumar, IFS	Additional Principal Chief Conservator of Forests (Regional North), Kozhikode	01.04.2017	23.03.2019	
		Sri.Rajesh Ravindran, IFS		23.03.2019	Continuing	Additional charge
Territorial Circles						
1	Southern Circle, Kollam	Sri.Vijayananthan.K, IFS	Deputy Conservator of Forests, South full in-charge of CCF (Southern Circle) Kollam	20.06.2017	06.02.2019	Additional charge
				06.02.2019	Continuing	
2	HighRange Circle, Kottayam	Sri.Deepak Mishra, IFS	Chief Conservator of Forests, High Range Circle, Kottayam	21.06.2017	Continuing	
3	Central Circle, Thrissur	Sri.Rajesh Ravindran, IFS	Chief Conservator of Forests, Central Circle, Thrissur	01.02.2016	Continuing	

Sl. No.	Office/Wing	Name	Designation	Period		Remarks
				From	To	
4	Eastern Circle, Palakkad	Sri.Adalarasan, IFS	Deputy Conservator of Forests, full in- charge Eastern Circle, Palakkad	21.02.2018	22.06.2018	Additional charge
		Sri.Rajesh Ravindran, IFS	Chief Conservator of Forests, full in- charge Eastern Circle, Palakkad	23.06.2018	23.07.2018	Additional charge
		Sri.Sheik Hydr Hussain, IFS	Deputy Conservator of Forests, full in- charge Eastern Circle, Palakkad	24.07.2018	Continuing	
5	Northern Circle, Kannur	Sri.Shrawan Kumar Verma, IFS	Chief Conservator of Forests, Northern Circle, Kannur	01.01.2017	30.06.2018	
		Sri. Suneel Pamidi, IFS	Divisional Forest Officer Kannur	30.06.2018	20.07.2018	Additional charge
		Sri. Karthikeyan, IFS	Deputy Conservator of Forests full in - Charge Northern Circle Kannur	20.07.2018	Continuing	

Sl. No.	Office/Wing	Name	Designation	Period		Remarks
				From	To	
Wildlife Circles						
1	Agasthyavanam Biological Park,Thiruvananthapuram	Sri. Pramod.P.P, IFS	Conservator of Forests (Wildlife) ABP circle	03.12.2016	22.01.2019	
		Sri. Anoop.K.R, IFS	Conservator of Forests (Wildlife) Looking after ABP circle	22.01.2019	Continuing	
2	Field Director (Project Tiger), Kottayam	Sri. Georgi P Mathachen, IFS	Deputy Conservator of Forests (Working Plan)North, Kozhikode	23.06.2017	20.05.2018	Additional charge
			Holding Full Additional Charge of Field Director (Project Tiger), Kottayam	15.12.2018	Continuing	
3	Wildlife Palakkad	Sri. Georgi P Mathachen, IFS	Deputy Conservator of Forests (Working Plan), North	03.10.2017	20.05.2018	Additional charge
		Sri. B.N. Anjankumar, IFS	Deputy Conservator of Forests in full charge of CCF (Wildlife) Palakkad	21.05.2018	Continuing	
Social Forestry Circles						
1	Social Forestry Southern Region, Kollam	Sri. M.S. Jayaraman, IFS	Conservator of Forests (SF), Southern Region	01.04.2018	Continuing	Additional charge
2	Social Forestry Central Region, Ernakulam	Sri. M.S. Jayaraman IFS	Conservator of Forests (SF), Central Region	01.04.2018	20.12.2018	Additional charge
				20.12.2018	Continuing	Full charge

Sl. No.	Office/Wing	Name	Designation	Period		Remarks
				From	To	
3	Social Forestry Northern Region, Kozhikode	Smt.B.N Meenakshi IFS	Conservator of Forests (SF), Northern Region	23.02.2018	Continuing	
Inspection and Evaluation Circles						
1	Inspection and Evaluation Circles, Kottayam	Sri. B.N. Anjankumar, IFS	Conservator of Forests (I &E), Kottayam	29.06.2017	04.08.2018	
		Sri.I. Sidheeq, IFS		04.08.2018	Continuing	
2	Inspection and Evaluation Circles, Kozhikode	Sri.Dr.R Adalarasan, IFS	Conservator of Forests (SF), Kozhikode	01.04.2018	26.12.2018	Additional charge
				26.12.2018	Continuing	Full Charge

2.2 FOREST CIRCLE

For the general management and administration of the forests of the State, there are 11 Forest Circles (Territorial: 5, Wildlife: 3 and Social Forestry: 3) headed by officers of and above the rank of Conservator of Forests. Circles are comprised of Forest Divisions and divisions are headed by a Divisional Forest Officer (DFO). The Forest Divisions are comprised of Forest Ranges and the Range is headed by a Range Forest Officer (RFO). The number of Forest Circles, Forest Divisions and Forest Ranges under various wings of the Department are given below.

Table 12 - Circles/Divisions/Ranges under the Department

Category	Circles	Divisions	Ranges
Territorial	5	25	76
Timber Sales (functional)		6	28 Timber Depot including Mullumala (Annex)
Wildlife	3	11	27
Social Forestry	3	17*	32
Nature Study Centre		1	1
Working Plan and Research	1	9**	
Vigilance and Forest Intelligence	2	8	18
Training	1	2	
Total	15	79	182

* 3 of which are Social Forestry Extensions

** 2 of which are Research Divisions

Table 13 - Organisational Structure of the Forest Circles

Territorial Circle	Territorial Divisions	Functional
1. Southern Circle, Kollam	1. Thiruvananthapuram 2. Thenmala 3. Punalur 4. Achencovil 5. Konni 6. Ranni	Timber Sales Division, Thiruvananthapuram 1. Ariankavu Depot 2. Kulathupuzha Depot 3. Thenmala Depot 4. Achencovil Depot 5. Mullumala Depot ^(Annex) Timber Sales Division, Punalur 6. Areekakkavu Depot 7. Konni Depot 8. Pathanapuram Depot 9. Tuet Depot 10. Kadakkamon Depot 11. Veeyapuram Depot
2.High Range Circle Kottayam	1. Kottayam 2. Kothamangalam 3. Mankulam 4. Munnar 5. Marayoor	Timber Sales Division, Kottayam 12. Kothamangalam Depot 13. Thalakkode Depot 14. Vettikkad Depot 15. Parampuzha Depot
3. Central Circle, Thrissur	1. Malayattoor 2. Vazhachal 3. Chalakudy 4. Thrissur	Timber Sale Division, Perumbavoor 16. Chalakkudy Depot 17. Chettikulam Depot 18. Mudickal Depot 19. Varapuzha Depot 20. Veettoor Depot
4. Eastern Circle, Palakkad	1. Nilambur South 2. Nilambur North 3. Palakkad 4. Mannarkkad 5. Nemmara	Timber Sales Division, Palakkad 21. Nedunkayam Depot 22. Aruvakode Depot 23. Walayar Depot
5. Northern Circle, Kannur	1. Kozhikode 2. Wayanad South 3. Wayanad North 4. Kannur 5. Kasaragod	Timber Sales Division, Kozhikode 24. Chaliyam Depot 25. Kuppady Depot 26. Bavelly Depot 27. Kannavam Depot 28. Parappa Depot

Wildlife Circle	Wildlife Divisions	
1. Agasthyavanam Biological Park, Thiruvananthapuram	1. Shenduruney 2. Thiruvananthapuram	
2. Field Director, (Project Tiger) Kottayam	1. Periyar East	
	2. Periyar West	
	3. Idukki	
	4. Eravikulam	
3. Wildlife Circle, Palakkad	1. Peechi	
	2. Silent Valley	
	3. Parambikulam	
	4. Aralam	
	5. Wayanadu	
Working Plan and Research	Research Divisions	
Thiruvananthapuram	1. Research (South) Thiruvananthapuram	1. Kollam
		2. Punalur
		3. Achengoil
	2. Research (North), Trissur	4. Munnar
		5. Palakkad
		6. Kozhikode
		7. Forest Resources Survey Cell, Thrissur
Social Forestry Circle	Social Forestry Divisions	SF Extensions
1. Social Forestry, Southern Region, Kollam	1. Thiruvananthapuram	SF Extension, Kollam
	2. Kollam	
	3. Pathanamthitta	
	4. Alappuzha	
	5. Kottayam	
2. Social Forestry, Central Region, Ernakulam	1. Idukki	SF Extension, Ernakulam
	2. (a) Ernakulam (b) Nature Study Centre (NSC), Kalady.	
	3. Thrissur	
	4. Palakkad	
3. Social Forestry, Northern Region, Kozhikkode	1. Malappuram	SF Extension, Kozhikkode
	2. Kozhikode	
	3. Wayanad	

	4. Kannur	
	5. Kasaragod	
Vigilance Circle	Divisions	Flying Squad Ranges
Inspection and Evaluation, Kottayam	1. Thiruvananthapuram	1. Chullimanoor 2. Control Room, Thiruvananthapuram
	2. Punalur	3. Ranni 4. Punalur
	3. Kothamangalam	5. Munnar 6. Thodupuzha 7. Kothamangalam
	4. Idukki	8. Idukki 9. Mundakkayam
Inspection and Evaluation, Kozhikode	1. Ernakulam	10. Thrissur 11. Perumbavoor
	2. Palakkad	12. Palakkad 13. Nelliampathi
	3. Kozhikode	14. Kozhikode 15. Kalpatta 16. Nilambur
	4. Kannur	17. Kasargod 18. Kannur
Training	Institutions	
Infrastructure and Human Resource Development Forest Training Centre, PTP Nagar, Thiruvananthapuram	1.State Forest Training Institute, Walayar	
	2. State Forest Training Institute, Aripa	

Division and Range wise details of forest stations Annexure 1. (a)

Division wise number of Range offices and check posts is given in Annexure 1(b).

Email address and phone/fax numbers of officers are in Annexure 2.

Name and addresses of SPIOs and Appellate Authorities under RTI Act 3

Organisation chart of the department is given as Annexure-4

CHAPTER 3

HUMAN RESOURCES

Over the last few decades, the Kerala Forest Department has evolved in response to the changes in the society governed by global and national trends. The Forest departments in all other states have also witnessed many changes in their working. To begin with a few, the introduction of Indian Forest Service as an All India Service in 1966, the nationalization of private forests in 1971 by the State Government of Kerala which added 1.83 lakhs hectare to the forest area of Kerala Forest Department, the enactment of Wildlife (Protection) Act, 1972 and so on. The ever increasing role of foresters in the management of myriad aspects of forestry and conservation of biodiversity brought about the necessary changes in the way the human resources of the department were recruited, inducted and trained for the job. When the KFD implemented the World Bank Aided Social Forestry Project during 1984-1993, the World Food Programme during 1990-1999 and the World Bank assisted Kerala Forestry Project during 1998-2003, there was a felt need to increase the staff strength at various levels and strengthen the human resource of the department with a well trained work force that was professionally equipped to meet the new challenges.

Prior to 1961, the Section Forest Officers and Beat Forest Officers of the Kerala Forest Department were trained at Forest School Coimbatore. The Kerala Forest School at Walayar, near Palakkad was established in 1961 to train Section Forest Officers and Beat Forest Officers. Similarly, the Forest Rangers and the State Forest Service Officers (ACFs) are given Forestry Training at the Forest Ranger's Colleges and State Forest Service Colleges, under the Directorate of Forest Education, Dehra Dun. After technical training, the Range officers undergo one year practical training whereas the Assistant Conservators undergo 2-years Departmental training. The Indian Forest Service Officers (IFS) undergo 2- years Diploma Course in Forestry (Associate of Indian Forest College) at the Indira Gandhi National Forest

Academy, Dehradun and 6 months Departmental training in the State to acquaint themselves with the working of the Departments of Forest, Revenue, Police, Judiciary and Industry and to study related aspects.

To improve their skill in fire management, the forest technical personnel were given training on modern methods of forest fire control at the Fire Training Centre, Kulamavu, established in 1979 under Indo-New Zealand Technical Co-operation Programme. This institution was closed down in 1984 and the fire training responsibilities were shifted to Forest Training Institute at Arippa. Similarly, to improve the working conditions of the organisation, and to enhance the efficiency and skills up-gradation of the forest personnel at various levels, under the World Bank assisted Kerala Forestry Project, a cross section of the staff were trained in basic computer handling, Finance Management, Information System and data entry for preparing accounts using FMIS software, Eco-Development, Geographic Information System, Digital Image Analysis.

3.1 STAFF STRENGTH

Table 14 - Staff Strength during 2018-19

Sl. No.	Category	Sanctioned Strength	In Position
1	Principal Chief Conservator of Forests*	6	6
2	Addl. Principal Chief Conservator of Forests*	5	4
3	Chief Conservator of Forests	11	11
4	Conservator of Forests	13	9
5	Dy. Conservator of Forests (IFS Cadre)	35	35
6	Addl Deputy Conservator of Forests	5	2
7	Forest Tribunal (Judicial staff)	1	1
8	Joint Secretary (Law)	1	1
9	Senior Finance Officer	1	1
10	Senior Administrative Officer	1	1
11	Deputy Director (Statistics)	1	1
12	Deputy Director (Wildlife Education)	3	3

Sl. No.	Category	Sanctioned Strength	In Position
13	Asst. Conservator of Forests/DCF(NC)	101	100
14	Sr. Administrative Assistant	9	8
15	Administrative Assistant	12	11
16	Personal Assistant	3	3
17	Senior Superintendent	34	33
18	Range Forest Officer	205	193
19	Dy. Range Forest Officer	168	159
20	Public Relation Officer	1	1
21	Asst. Forest Public Relation Officer	3	2
22	Junior Superintendent	71	71
23	Head Accountant	74	74
24	Research Assistant**	3	4
25	Senior Grade Wildlife Assistant	2	1
26	Wildlife Assistant	8	7
27	Senior Clerk	443	443
28	Clerk	446	442
29	Statistical Assistant Gr. I and II	34	31
30	Fair copy Superintendent	8	6
31	Sel.Gr Typist	33	32
32	Sr. Grade Typist	33	33
33	Typist Clerk	1	1
34	UD Typist	33	33
35	LD Typist	34	33
36	Confidential Assistant	39	34
37	Legal Assistant	1	1
38	Section Officer(Law)	1	1
39	Chief Forest Veterinary Officer	1	1
40	Asst. Forest Veterinary Officer	14	7
41	Veterinary Doctor	1	0

Sl. No.	Category	Sanctioned Strength	In Position
42	Forest Veterinary Officer	1	1
43	Documentation Officer	1	0
44	Asst. Director (Survey)	1	1
45	Survey Superintendent	2	2
46	Surveyor Gr.I and II	66	36
47	Head Surveyor	2	2
48	Section Forest Officer	992	903
49	Beat Forest Officer	2647	2476
50	Sheristadar cum Secretary	1	1
51	Head Draftsman	2	2
52	Draftsman	45	32
53	Circle Inspector of Police	2	0
54	Sub Inspector of Police	4	0
55	Senior Civil Police Officer	22	10
56	Civil Police Officer	110	2
57	Librarian	1	1
58	Project Operator	1	0
59	Pharmacist	2	1
60	Dispensary Attender	1	0
61	Nursing Assistant	1	0
62	Binder	2	2
63	PT Instructor	6	1
64	Record cum Store Keeper	3	0
65	Museum Assistant	1	0
66	Office Attendant	420	408

Sl. No.	Category	Sanctioned Strength	In Position
67	Sweeper Cum Peon	1	1
68	Daffedar	1	0
69	Attender	18	18
70	Dark Room Attender	1	0
71	Driver	257	209
72	Photographer cum Artist	1	0
73	Gardner	4	2
74	Tracker cum Gardner	3	0
75	Gardner cum Marker	1	0
76	Cleaner	2	0
77	Muduvan Watcher	8	8
78	Night Watcher	25	21
79	RF Watcher/ Depot Watcher	196	157
80	Tribal Watcher	700	678
81	Watcher cum Cook	6	2
82	Tapal Watcher	3	0
83	Rest House Watcher	1	0
84	Scavenger/Sanitary Worker	1	2
85	Cook/Asst. Cook	1	0
86	Boat Driver	12	7
87	Boat Zrang	1	0
88	Boat Watcher	2	0
89	Boat Cleaner/Cleaner	3	0
90	Lascar	4	2
91	Survey Lascar	11	1
92	Mahouts and Kavadi	26	17
93	Timber Supervisor	1	0
94	Pump Operator	1	0

Sl No.	Category	Sanctioned Strength	In Position
95	Lab Assistant	1	0
96	Radio Mechanic	1	0
97	Helper	2	0
98	Bus Cleaner	1	0
99	Chowkeedar	1	0
100	Bench clerk (on deputation)	1	1
101	Part Time Contingent Employees	303	279
	Total	7836	7126

(1) Go(MS) No 29/2015 forest dated 14.05.2015

(2)) Go(MS) No 110/2015 forest dated 28.12.2015

As per above GO 185 supernumerary Watcher post were existed

3.1.1 Details of Employees working on Contract/Deputation:- During the year, a total of 17 personnel were engaged on Contract/Deputation basis in the department.

3.1.2 Recruitments made during the year (cadre wise numbers) including Compassionate Appointments:- The cadre wise list of recruitment made during the year is as follows.

Table 15 - Recruitments during 2018-19

Sl No.	Name of Post	Numbers of Post
1	Range Forest Officer	7
2	Beat Forest Officer	256
3	Clerk	38
4	Typist	7
5	Driver	3
6	Office Attendant	22
7	Night Watcher	18
8	Depot Watcher	1

Sl No.	Name of Post	Numbers of Post
9	Confidential Assistant	2
10	Part Time Sweeper	15
11	Tent Lascar	1
	TOTAL	370

3.1.3 Retirements:- During the year 2018-19, a total of 265 persons retired from the service from the department including nine IFS officers. Out of the remaining 256 persons, 88 were Gazetted officers while the rest 168 were non-Gazetted staff.

3.1.4 Posts created:- During 2018-19, 99 new posts were created in the department. Which are Deputy Range Officer-10, Section Forest Officer-40, Beat Forest Officer-29, Driver-10, Part Time Sweeper-10.

3.1.5 Supernumerary posts operated:- No Supernumerary posts were created during the year.

3.1.6 Consultants engaged:- During 2018-19, consultants for different projects were engaged by the department as described below.

- In Nilambur South one consultant was engaged for the preparation of Kodikuthimala Eco- Tourism Project plan in Eastern Circle, Palakkad.
- M/s. Stesalit Systems Ltd., was engaged for conducting carrying capacity study in selected four ecotourism sites of Kerala.
- IFGTB (Institute of Forest Genetics and Tree Breeding), Coimbatore, a Government of India undertaking was engaged to conduct carrying capacity study in Pakkam – Kuruva Ecotourism site in South Wayanad FDA.

3.2 TRAINING:- A total of 1198 officers/ staff of the Department were imparted training in different topics/ subjects in various institutions during the year 2018-19.

3.3 AWARDS/REWARDS FOR MERITORIOUS SERVICE:- During the year, 20 officers of different cadre in the Department were Awarded Chief Minister's Forest Medal for their Meritorious Service. Kerala Forest Department got 4th place with 26 Gold, 20 Silver and 21 Bronze Medal and an Overall points at 240 in the 24th All India Forests Sports and Games Meet held at Raipur, Chhattisgarh on January 2019.

3.4 DISCIPLINARY PROCEEDINGS AGAINST DEPARTMENTAL PERSONNEL:-

During 2018-19, disciplinary actions were recommended against 93 personnel. Disciplinary action were recommended against 2 Divisional Forest Officer, 3 Deputy Conservator of Forest, 6 Assistant Conservator of Forest, 23 Range Forest Officers, 7 Deputy Range Forest Officer, 18 Section Forest Officer, 23 Beat Forest Officer, 1 Senior Superintendent, 2 Junior Superintendent, 11 Clerks, 1 Watcher, 2 Office Attendant and 3 Tribal Watchers.

CHAPTER 4

FUNCTIONING OF THE DEPARTMENT

The Kerala Forest Department works for the development, conservation and protection of the natural forests, wildlife and the rich bio diversity of the State and simultaneously strives for the welfare of the forest dependent local people. To achieve these myriad objectives, the department has over the time evolved several professionally equipped wings within the organization, and has built up their capacity to undertake all kinds of forest related activities in conjunction with other stakeholders. Various activities and projects entrusted by the State and Central Governments are efficiently and effectively being implemented by the Forest Department through its fourteen wings at the Headquarters. The functions and achievements of various wings of the Department during the reporting year are summarized below.

4.1 ADMINISTRATION WING

The Additional Principal Chief Conservator of Forests (Administration) through the wing is responsible for general administration within the Forest Department. The Administration wing looks after all the service matters such as recruitment, appointment, promotion, transfer and postings, disciplinary action, pension, payment of travelling allowances, medical claims, loans and advances etc. in respect of officers of Kerala State Forest Service, Kerala State Forest Subordinate Service, Last Grade and Part-Time Contingent Services. Service matters of special category of personnel like Wildlife Assistants / Deputy Director of Wildlife Education and officers and staff on deputation to the Forest Department (except for Indian Forest Officers on deputation to and from KFD) are also dealt by the Administration wing. Likewise, the Administration wing also initiates framing of Special Rules and proposes amendments to the service Rules to the Government from time to time. Consolidation of reports on Legislative Assembly Interpellation and Right to Information Act are also carried out in this wing.

In the current year, the Administration wing has successfully conducted recruitments of various categories of staff through District Offices of the Kerala Public Services Commission. The Administration wing has worked tirelessly to give timely promotions to the eligible serving officials/staff of the department.

4.2 BIODIVERSITY CELL

The occurrence of the Western Ghats in the entire length of the State of Kerala , its peculiar landscape and the coastal regions of the state have made it a unique bio diversity hotspot in the country which is rich in several species of critically endangered flora and fauna . The forests of Kerala are home to several endangered and endemic species which are enlisted in the table below. Kerala is also one of the States with the largest population of Captive Elephants in the country.

The task of the Bio Diversity Cell (BDC) based at Headquarters, headed by Additional Principal Chief Conservator of Forests, is of preserving this natural treasure, in its true self, through several social and eco-friendly activities. The APCCF (BDC) supervises and performs the functions relating to conservation of Biodiversity in all areas outside the realm of conventional protected forest areas of the department. These are special-needs areas for conservation such as Sacred Groves, Mangroves and Wetlands. The APCCF (BDC) in effect also works to assist the PCCF and Chief Wildlife Warden of the KFD in discharging his duties pertaining to the implementation of Wild Life (Protection) Act, Bio-diversity Act, etc. Management of Captive Elephants is also overseen by the Additional Principal Chief Conservator of Forests (BDC).

Table 16 - Flora and Fauna under IUCN threat category that are found in Kerala

Sl No	Group	Number of species	Number of species endemic to Western Ghats	Number of species in different categories of *IUCN Red list
1	Plants	4689	1547	EX 2 in wild, 6 CR, 32 VU, 13 EN
2	Mammals	145	12	CR 1, 14 EN, 16 VU and 6 NT
3	Birds	502	16	CR 3, EN 6, 12 VU, and 28 NT
4	Reptiles	171	57	CR 1, 12 EN, 10 VU, 8 NT
5	Amphibians	113	61	23 are EN, 14 VU, 11 CR, 5 NT
6	Freshwater Fishes	210	189	6 CR (all endemic to Kerala), 29 EN, 12 VU, 6 NT
7	Insects	6000		

IUCN International Union for Conservation of Nature
CR Critically Endangered
EN Endangered

VU Vulnerable
NT Near Threatened
Ex Extinct

4.2.1 Captive Elephant Management:- The evolution of elephant management paralleled the socio-economic and political changes in the state of Kerala and transitioned from the deification to the present day precarious situation. Captive Elephants enjoy a special status in its cultural, religious and social arena. To ensure the welfare of these animals in captivity, the Kerala Captive Elephants (Management and Maintenance) Rules were framed first in 2003 and subsequently revised in 2012. Now, the provisions of Wildlife (Protection) Act, 1972 and the Kerala Captive Elephant (Management and Maintenance) Rules, 2012 are strictly implemented in the State. Legal action is taken against violators of these Acts. State and District level Task Forces on Captive Elephants were constituted vide G.O (Ms)No.03/2015/F&WLD, dated, 17.01.2015 for ensuring the welfare of Captive Elephants especially, by preventing cruelty against them and through continuous monitoring.

Table 17 - Number of Captive Elephants during 2018-19

No. of elephants implanted with microchip		No. of elephants not implanted with microchip		No. of elephants dead during 2018-19	
Private owned	Dept. owned	Private owned	Dept. owned	Private owned	Dept. owned
476	36	0	3	26	0

Highlights in Captive Elephant Management during 2018-19

- Population assessment of Captive Elephants in Kerala was conducted on 29.11.2018 and it was ascertained that a total number of 521 elephants were alive as on the date of census. The sex-wise numbers of Captive Elephants in the state as on 29.11.2018 is as Male – 401, Female – 98 and Makhna– 22. Six elephants died thereafter and 515 Captive Elephants were alive in the State of Kerala as on 31.03.2019.
- During 2018-19, a comprehensive set of rules were drafted for ensuring scientific management of these *Pachyderms* in captivity, with a special emphasis on physiological and biological requirements of the species. The same is under consideration in the Government.
- A centralized data base on Captive Elephants in the State has been prepared based on DNA profiling, incorporating all details pertaining to each individual elephant.
- A mobile and web based application viz; *Kerala Captive Elephant Management System (kecms.in)* was prepared based on the data base. This will be useful to all field officers, general public and elephant owners for scientific identification of all individual elephants and in the investigation of offences related to Captive Elephants.
- An online web portal system for monitoring a total of 96 selected Captive Elephants was implemented during 2018-19. The individual elephants were

selected based on their demand for various festivals. The complaints received in their respect are being monitored on a fortnightly basis through this portal. This ensures proper management and welfare of elephants in captivity and in prompt detection of violation of rules and regulations related to Captive Elephants.

4.3 DEVELOPMENT WING

The development wing of the department is mandated with the task of looking after the implementation of all developmental projects/works of various wings in different areas that are funded by the state as well as Central Governments. The wing is headed by Principal Chief Conservator of Forests (Forest Management) who is assisted by the Additional Principal Chief Conservator of Forests (F, B & A). The office of the APCCF (F, B & A) is assisted by three major sections, viz; Planning, Accounts and Statistics Wing.

The Planning Section prepares the five year plan proposals in respect of the Department and Annual Plans of Operations budget wise. It also ensures the timely submission of the same to the State Government, State Planning Board and to the Government of India as the case may be. Preparation of the demands for grant, allocation of funds to various Divisions, Circles and other wings of the Department, conducting mid- term review of the five year plan and annual plan proposals, submission of revised budget proposals as and when required, taking up proposals for works which require administrative sanction from Government, procurement and distribution of department vehicles, allotment of staff quarters in the Headquarters, their repair and maintenance *etc.* are also some of the important tasks entrusted to the development wing. Besides these, to liaison with other wings of the Department, Government of India, Government institutions and External Funding Agencies form another important function of the Planning Section.

The Accounts Section is entrusted with the submission of monthly accounts in respect of the Department to the Accountant General and Comptroller and Auditor General of Kerala. The Addl. Principal Chief Conservator of Forests (F, B&A) ensures that the subordinate offices of KFD submit their monthly accounts on time, rectify defects in the reports and prevents delays in onward submission. He also designs, develops and maintains internal control mechanisms review finance, budget, and expenditure position within the department. The wing also monitors the revenue collection by the Forest Department and reports the same to Government from time to time. Audit wing attached to Accounts Section, gives timely replies to the audit queries and ensures that the audit query replies are received in time by the various wings of the Department. The section compiles and submits reports to the Public Accounts Committee, Subject Committee etc. in the Government of Kerala.

The Statistics wing is headed by the Deputy Director (Statistics) and assisted by two Research Assistants and four Statistical Assistants. Statistical Assistants of various Circles / Divisions are involved in collection and compilation of data. At the headquarters, information thus collected is processed for updating forestry database every year. The Statistics Wing is responsible for preparation of Annual Administration Report, annual publication titled 'Forest Statistics' and monthly progress reports for both plan and non-plan of various schemes implemented by the Department. The wing furnishes statistical reports to different agencies of Government of India and State Government. So far, annual reports up to the year 2017-18 have been prepared by the Statistical wing.

4.3.1 Major Schemes of KFD:- The major schemes implemented by Development wing during the current year are as follows;

4.3.2 NABARD-RIDF:- This scheme is aimed at strengthening of infrastructure in forest areas and funds for expenses on the same. During 2018-19, the funding requirements under the scheme were met through the following tranches, viz; NABARD - RIDF XIX, XX, XXII, XXIII and XXIV. The details of ongoing projects under NABARD-RIDF are listed in table below.

Table 18 - Ongoing projects under NABARD-RIDF

Sl. No.	Tranche No.	No. of projects	Project cost (lakhs)	Loan sanctioned (lakhs)	Expenditure (lakhs)
1	XIX	2	2120.39	1984.53	1848.12
2	XX	2	4290.00	4075.50	3624.28
3	XXII	4	2262.00	2148.90	1128.78
4	XXIII	1	2250.00	2137.50	415.68
5	XXIV	2	2222.07	2110.96	0

4.3.3 Intensification of Forest Management (IFM):- IFM renamed as Forest Fire Protection Management Scheme (FPMS), is a 60% Centrally Sponsored Scheme (CSS) of the Government of India. Government of India had accorded sanction for the annual work programme under IFM scheme for a total cost of 489.53 lakhs. An amount of 293.718 lakhs was sanctioned as Central share during 2018-19 and the corresponding State share came to 195.812 lakhs. The expenditure incurred was 357.359 lakhs.

4.4 ECO DEVELOPMENT & TRIBAL WELFARE WING

The State had adopted Participatory Forest Management (PFM) as a strategy for the protection of forests and to manage the non-timber forest resources in a sustainable manner with the active participation of forest dependent communities. The participatory mechanism is activated through *Vana Samrakshana Samithies* (VSSs) and Eco Development Committees (EDCs) in Territorial Forest Divisions and Wildlife Divisions respectively. The VSSs and EDCs are the grass root level organizations with forest dependent families as members, who participate in the planning and implementation of various forestry and community development programmes. As on 31st March 2019, 400 VSSs and 190 EDCs are functional in the State. VSSs and EDCs are federated at Forest Division level into Forest Development Agencies (FDAs) which are societies registered under *the Travancore-Cochin Literary, Scientific and Charitable Societies Registration Act, 1955 and Societies Registration Act 1860*. There are 36 FDAs in the State as on 31st March 2019. Since the formation of State Forest Development Agency (SFDA), Kerala during 2010, the funds to division level FDAs are routed through the SFDA and it also monitors the programmes and schemes implemented by FDAs.

Forest-dwelling Scheduled Tribes form an important characteristic of the forest landscape in Kerala. A major function of the E&TW wing is to undertake programs for the welfare and development of these culturally rich but under privileged tribes. A total of 725 tribal settlements are distributed in 90 Ranges of Kerala Forest Department. Abstract of tribal settlements in forest are shown below.

Table 19 - Abstract of Tribal Settlements inside the forest

No. of Ranges	No. of Settlements	Number of families	Area of settlements (Ha)
90	725	35817	21696.22

Forest Department has implemented the following projects/schemes under Eco- Development & Tribal Welfare during 2018-19

4.4.1 Green India Mission (GIM):- Green India Mission was conceptualized to address key concerns related to climate change in the forestry sector, namely adaptation and mitigation. The Mission under takes a broader landscape approach to address the challenges faced by Environment, Forest and Wildlife sectors while supporting local communities to meet their necessities of fodder, fuel and livelihood. The Government of India had approved the Green India Mission Perspective Plan for Kerala at a cost of Rs. 333.00 crores for five years. Funds for this Centrally Sponsored Scheme are allotted in 60:40 ratios by the Central and the State Governments.

4.4.2 Eco-tourism:- Eco-tourism has proven to be a useful intervention in the forestry sector which can potentially support the livelihood needs of the forest-dependent communities while ensuring minimal impact on the ecosystems. Kerala is blessed with several places of naturally beautiful landscapes and wilderness, offering the eco-tourist a novel experience of the nature's bounties. The Department has 60 Ecotourism locations as Eco- Tourism destinations which are managed by the FDAs in liaison with the Forest Department, in a responsible manner. An amount of Rs. 657.585 lakhs was expended during 2018-19 for the ecotourism activities under the budget head '4406-01-800-91 – Ecotourism'.

4.4.3 Tribal Insurance Scheme:- The Department took initiative for covering the forest dwelling tribal population under a comprehensive Insurance Scheme which has proven to be very useful for them. Vide Government Order No. GO (MS) 12/95/F & WLD dated, 15/03/1995, the Insurance Scheme for the tribal population residing in the forests of Kerala was approved with Personal Accident cover and hospitalization benefits. The scheme was implemented in association with M/s. United India Insurance Company Ltd. The policy period was for one year and subject to renewal every year. During the current financial year the policy was renewed on 20.06.2018 for a period of one year up to 21.06.2019.

4.4.4 Ecosystem Management Funds (EMF):- The conservation efforts of the Forest Department are supported to some extent through a special fund called the Ecosystem Management Fund, which is formed using service charges from ecotourism activities in 60 locations around the State. During 2018-19 an amount of Rs.1664.52 lakhs was collected as service charge, making up the bulk of the Eco-system Management Funds (EMF) by the FDAs.

4.4.5 Vanasree Units:- The marketing of Non-Timber Forest Produces, artifacts and handicrafts made by forest dependent communities is important for ensuring their profitability and sale volumes. Vanasree is a marketing initiative taken up by Kerala Forest Department for this purpose. There are 36 *Vanasree Eco-Shops* in the State under 22 FDAs which includes 2 mobile units. During 2018-19, the sales revenue from *Vanasree Eco-Shops* was to the tune of Rs.4.54 crores.

Table 20 - Division wise Location of Vanasree Eco-shop

Sl. No.	Name of Division	Name of Vanasree Unit
1	Achencoil	Achenkovil
2	Alappuzha Social Forestry	Kommadi
3	Chalakkudy	Chalakkudy
4	Kannur	Nedumpoyil
5	Konni	Konni
6	Kothamangalam	Thommankuthu
7	Malayattoor	Kodanad
8	Malayattoor	Mobile Vanasree Unit
9	Marayoor	Marayoor
10	Marayoor	Anakottappara - Kanthalloor
11	Munnar Wildlife	5 th Mile
12	Munnar Wildlife	Karimutty
13	Munnar Wildlife	Tahr No.1
14	Munnar Wildlife	Pambadum shola
15	Munnar Wildlife	Lakkam
16	Nilambur North	Aruvakode
17	Nilambur South	Nedumgayam (Manjeri)

Sl. No.	Name of Division	Name of Vanasree Unit
18	North Wayanad	Mananthavady
19	Parambikulam	Anappady
20	Parambikulam	Parambikulam
21	Punalur	Ayur
22	Ranni	Angamuzhy
23	Shenduruny	Shenduruny FIC
24	Shenduruny	Thenmala
25	Silent Valley National Park	Mukkali
26	Thenmala	Palaruvi
27	Thiruvananthapuram	Forest Headquarters, Thiruvananthapuram
28	Thiruvananthapuram	Mobile Vanasree Unit
29	Vazhachal	Athirappally
30	Vazhachal	Vazhachal
31	Wayanad Wildlife	Muthanga
32	Wayanad Wildlife	Begur
33	Wayanad Wildlife	Tholpetty
34	Wildlife Division Thiruvananthapuram (Neyyar- Peppara)	Neyyar
35	Wildlife Division Thiruvananthapuram (Neyyar- Peppara)	Kottoor
36	Wildlife Division Thiruvananthapuram (Neyyar- Peppara)	Peppara

4.4.6 Minimum Support Price (MSP):- State Forest Development Agency (SFDA), Kerala, functioning under the E&TW wing, had entered into an agreement with Tribal Co-operative Marketing Development Federation of India Ltd., New Delhi (TRIFED), a Government of India undertaking working in the field of NWFPs, to implement the Minimum Support Price (MSP) for Minor Forest Product (MFP). As per the agreement, TRIFED will give minimum support price (MSP) to honey collected by tribal communities in the State and also will help to sell their products and Vanasree products through the sale outlets of both Vanasree and TRIFED.

The Department entered into an agreement with M/s. Stesalit Systems Ltd., Kolkata, to undertake carrying capacity study in selected Ecotourism sites of Kerala and entrusted study on 4 sites viz; Periyar Tiger Reserve, Shola National Park, Chinnar Wildlife Sanctuary and Eravikulam National Park.

4.4.7 Fencing around Forest Boundaries:- A project named “Fencing around Forest Boundaries’ was approved by the State Government under KIIFB for an amount of Rs.100 crores and the State Forest Development Agency (SFDA), Kerala was designated as Special Purpose Vehicle (SPV) for implementation. Administrative sanction was accorded for the first phase of 25 crores and implementation of the project has commenced during the year. During 2018-19, revised administrative sanction was accorded by the Government for the first phase of the project for Rs. 26.40 crore vide GO (Ms)No.40/2018/F&WLD dated 13.09.2018. The project is being implemented successfully and the works are ongoing in the field.

4.4.8 Achievements in Eco-tourism during 2018-19

- TRIFED, a Government of India undertaking has approved the Minimum Support Price (MSP) for Minor Forest Produce (MFP) Scheme for an amount of Rs. 928.40 lakh. The scheme aims at providing support for improving value addition and marketing facilities of FDAs and improve the Vanasree units. Government of India had released an amount of Rs. 357.75 lakh, being the 75% of Central Share for the MSP for MFP Scheme against the total approved outlay of Rs. 556.66 lakh. The release of 25% share of State Government is awaited.
- An agreement was entered into with IFGTB, Coimbatore, an ICFRE institute under Government of India, to carry out the work of conducting carrying capacity study in Kuruva Ecotourism site under South Wayanad FDA for an amount of Rs. 2.208 lakh.

- Project Green Grass, a scheme introduced by the State Government to keep the forest areas clean and waste free was implemented successfully.
- An agreement was executed with M/s. Streetbell Technologies, Thiruvananthapuram, to introduce online marketing of Vanasree products and online entry to ecotourism destinations.

4.4.9 Consultants engaged during 2018-19:- M/s. Stesalit Systems Ltd. has been engaged for conducting carrying capacity study in selected Ecotourism sites of Kerala and was awarded four sites for conducting the study in its first phase. M/s. IFGTB, Coimbatore, a Government of India Undertaking was engaged to conduct carrying capacity study in Pakkam – Kuruva ecotourism site in South Wayanad FDA.

4.4.10 New projects launched:- Vide GO(Ms) No. 46/2018/F&WLD dated 12.11.2018 Administrative Sanction for the Phase – II was accorded by the Government for the project namely “Fencing Around Forest Boundaries” under KIIFB for an amount of Rs. 7361 lakh to be implemented during 2019-20.

4.4.11 Projects completed :- The Green India Mission, Ecotourism, Vanasree etc. which are implemented through Forest Development Agencies (FDAs) and monitored by SFDA, Kerala are continued in current year too.

4.5 ECOLOGICALLY FRAGILE LAND (EFL) WING

The Kerala Forest (Vesting and Management of Ecologically Fragile Lands) Act, 2003 is an Act which provide for vesting the Ecologically Fragile lands in the State with the Government of Kerala. It also allows for the management of such lands with a view to maintain ecological balance and conserving the bio-diversity. The Act got the assent of Honorable President of India on 25th April, 2005 and was notified on 3rd of May, 2005. The Act is deemed to have come into force on the 2nd day of June, 2000. Before the enactment of the Act, The Kerala Forest (Vesting and Management of Ecologically Fragile Lands) Ordinance (06/2000) was promulgated, which came into effect on 02.06.2000. Till the enactment of the Act 21 of 2005, the Principal Chief Conservator of Forests was the Custodian of Ecologically

Fragile Lands. A separate wing was established on 23.11.2005 and a Chief Conservator of Forests was posted as the Custodian of EFL. At present Principal Chief Conservator of Forests is the Custodian of Ecologically Fragile Lands.

As on 31.03.2019, the State has 137.659 Sq.km of ecologically fragile land. EFL Act provides for various grievance redressal mechanisms under Sections 10, 10(A) and 19 (3) (b) of the Act. Out of the 393 valid applications received under Section 10 (A), 276 were settled. 283 valid applications were received under Section 19 (3) (b), of which 254 have been disposed. Rest of the applications are at various stages of disposal.

The Kerala Forest (Vesting and Management of Ecologically Fragile Lands) Rules, 2007 were notified on 3/2/2007. As per G.O (P) No.35/2007/F&WLD dated 08/06/2007, Tribunals (under Section 9 of the Act) have been constituted at Kozhikode, Palakkad, Kottayam and Kollam Districts under the Additional District Judge for redressal of grievances. The Kerala Forest (Vesting and Management of Ecologically Fragile Lands) Tribunal Rules, 2007 were framed as per G.O (P) No.64/2007/F&WLD, dated 10.10.2007 and notified in the Gazette.

Table 21 - Cases Pending before the EFL Tribunals

Sl. No.	Tribunal	Number of cases
1	Kollam	4
2	Kottayam	1
3	Palakkad	178
4	Kozhikode	114

4.6 FORESTRY INFORMATION BUREAU (FIB)

Forestry Information Bureau is the public relations and extension arm of the Department. The Bureau also undertakes works like printing and publishing of booklets and pamphlets covering various activities of the Department, arranging for wide publicity in connection with World Forestry Day, World Earth Day, World Environment Day, Wildlife Week etc., FIB is also mandated with the task of designing and releasing advertisement to media, designing, developing and distributing exhibits for field offices, developing documentary films and arranging general publicity for State level functions of the Department. FIB has brought out the monthly magazine of the department, 'Aranyam' since August, 2015 the magazine is at par with existing National level publications, in the field of forestry and wildlife aspects, in its quality and contents. This monthly is well appreciated by the more than 1500 annual subscribers. 'Aranyam' is now upgraded and equipped with multi colour pages. During the year, the Bureau has printed and distributed (i) Forest Guide 2019, (ii) a book on 'Ocean Species' and (iii) a guide on 'Forest Produce and its GST'. The Bureau had also documented the flood relief works under taken by the Forest Department in 2018.

4.6.1 Exhibition- film show- workshop:- During 2018-19, the exhibition wing of FIB organized a total of 10 exhibitions including 'Vasantholsvam', 45 workshops and film shows in the State. In addition to this, the FIB had designed the contents for celebrations of World Forest Day(March-21), World Environmental Day (June-5), Snake Bird Day (June -22), Forest Martyr'sDay (September -11), Wildlife week (October 2 -8) and other publicity works. An exhibition was conducted from 24.5.2018 to 30.5.2018 with a handbook of achievements was released on the occasion of the 1000 days of the Govt. and photo albums of Haritha Keralam & World Environmental Day.

4.7 FOREST, LAND AND RESOURCES WING

The Forest, Land and Resources (F, L & R) wing maintains statistics on forest land, prepares and submits proposals for declaration of new reserves, implements restoration of vested forests to owners based on Court judgments, prepares proposals for acquisition of land etc. This wing mainly deals with the

protection of forest wealth by ensuring effective and efficient implementation of various Acts and Rules other than those within the purview of Wild Life (Protection) Act and the Kerala Forest (Vesting and Management of Ecologically Fragile Lands) Acts, 2003 and Acts specifically dealt by other Chief Conservators of Forests. Matters relating to Forest Leases, Vested Forests, Forest Produce except Non-Wood Forest Produce (NWFPs), allotment of raw materials to wood based industries, matters relating to Legislature Committee on assurances, Petition Committee, Environmental Committee and matters relating to Environmental Protection Act are also being handled by this wing.

4.7.1 Declaration of new Reserved Forests:- List of proposed Reserves for which Section 4 notification was issued during 2018-19 is given below

Table 22 - Proposed Reserves that are notified during - 2018-19

Sl. No.	Division & Range	Name of Proposed Reserve	Gazette number with date / G.O/ Section (4) Notification number	Extent (Ha)
1	Konni Division/ Konni Range	Konni Inspection Bungalow, Konni Elephant Camp & Eliyarackal Social Forestry Complex	Gazette No.1374 dated 30.06.17 G.O(P)03/2017/F& WLD dt.17.06.17(SRO No.381 /2017) Gazette No.1375 dated 30.06.2017G.O(P) 04/2017/ F&WLD dt.17.06.17(SRO No.382/2017) Gazette No.1376 dated 30.06.17G.O(P) 05/2017/F&WLD dt.17.06.17(SRO No.383/2017)	8.1252

Sl. No.	Division & Range	Name of Proposed Reserve	Gazette number with date / G.O/ Section (4) Notification number	Extent (Ha)
2	Thrissur Pattikad	Chettuva Mangroves	Gazette No.1594 dated 27.07.17 G.O(P) 06/2017/F&WLD dt.15.07.17	3.3853
3	Nenmara	Area Nenmara Division Premises	Gazette No.2443 dated 10.11.17 G.O(P) 10/2017/F&WLD dt.15.07.17	3.762
4	Kottayam	Govt.purampok land lying adjacent to Periyar Tiger Reserve	Gazette No.2032 dated 22.09.17 G.O(P) 2/2017/forest dt.17.09.2017 (SRO NO.576/17)	106.6041
5	Kothamangalam	Area where Kothamangalam Timber Depot and old Parakavila check post Located	Gazette No.2444 dated 10.11.2017 G.O (P) No. 09/2017/F&WLD dt.04.11.17	2.4188
Total				124.2954

4.7.2 Major Achievements

Survey Training:- To overcome the delay in survey of forest areas due to lack of Surveyors, Government vide GO (MS) No. 82/15/FWLD dated 26.10.2015 accorded administrative sanction to provide survey training to Section/Beat Forest Officers. During 2018-19 survey training was imparted to 60 Section/Beat Forest Officers.

Construction of Cairns:- As part of boundary consolidation to prevent encroachment, about 700 kms of Forest Boundary has been consolidated by constructing 14618 permanent cairns during the financial year 2018-19.

Modern Record Room:- A modern record room has been set up in Vanasree Forest Complex, Mathottam, and Kozhikkode to store the forest records. All the district wise records available with Assistant Director, Forest Mini Survey have been stored in safe chest. Modern Record Room became functional since September 2018.

Forest Stations:- As per G.O (MS)NO.23/2018/F&WLD dated 04.06.2018, to improve forest protection and enhance facilities of protective staff, the following 10 Forest Stations have started functioning during the financial year 2018-19.

Table 23 - New Forest Station that are functional during the year 2018-19

Sl. No.	Name of Forest Station	Division
1	Punnala	Punalur
2	Ezhamkulam	
3	Kadaman Para	Thenmala
4	Kumbhavuruty	Achankovil
5	Kakkayam	Kozhikkode
6	Peruvannamoozhy	
7	Pulppally	Wayanad (South)
8	Vythiri	
9	Mundakkai	
10	Narikkadav	Aralam Wildlife Division

E-auction:- In November 2014, e-auction of timber was introduced in the Department. As on today, it has been extended to all timber depots and also for the trade of other forest produces like coffee, pepper etc. Participation of the public in e-auction has increased comparing to the previous year. Officials were trained for implementing e- auction and technical assistance is given to the public and buyers.

4.7.3 Forest Land Lease:- Details of forest land leased out to various agencies on long term agreement as on 31.03.2019 are as follows.

Table 24 - Forest Land Leased out to various Agencies

Sl. No.	Division	Extent of land leased out (Ha.)
1	Thiruvananthapuram	2433.729
2	Thenmala	68.157
3	Punalur	10550.058
4	Achenkovil	791.010
5	Ranni	4892.241
6	Konni	2886.891
7	Kottayam	6629.463
8	Munnar	2385.545
9	Kothamangalam	312.475
10	Marayoor	18.200
11	Mankulam	146.840
12	Malayattoor	4225.143
13	Vazhachal	2188.902
14	Chalakkudy	3819.088
15	Thrissur	1694.391
16	Nenmara	3943.630
17	Palakkad	326.540
18	Mannarkkad	515.471
19	Nilambur (North)	480.5532
20	Kozhikkode	1337.380
21	Wayanad (South)	70.045
22	Wayanad (North)	105.92
23	Kannur	6.718
24	Kasaragod	1522.910
25	Periyar (W) Peerumedu	24.288
26	Periyar (E) Thekkady	11.444
27	Wildlife Peechi	1371.815
28	Parambikulam	2455.228
29	Wildlife Wayanad	321.560
Total		55535.634

4.7.4 Encroachment:- The extent of encroachment to be evicted from forest land was estimated during the year and was confirmed as 7801.12 Ha.

Table 25 - Encroachment of Forest Land as on 31.03.2019

Circle	District	Division	Extent of encroachment (Ha.)
Southern Circle, Kollam	Pathanamthitta	Konni	10.59
		Ranni	1.13
	Kollam	Thenmala	7.24
	Total		18.96
High Range Circle, Kottayam	Ernakulam	Kothamangalam	147.60
	Kottayam	Kottayam	121.49
	Idukki	Munnar	1099.65
		Marayoor	0.03
		Mankulam	358.43
	Total		1727.20
Central Circle, Thrissur	Thrissur	Thrissur	147.04
	Ernakulam	Malayattoor	129.29
	Total		276.33
Eastern Circle, Palakkad	Malappuram	Nilambur North	682.53
		Nilambur South	2.11
	Palakkad	Palakkad	190.58
		Mannarkkad	2700.34
		Nenmara	244.19
	Total		3819.75
Northern Circle, Kannur	Kozhikode	Kozhikode	10.40
	Wayanad	Wayanad South	1369.29
		Wayanad North	369.74
	Kannur	Kannur	11.02
	Total		1760.45
Periyar Tiger Reserve, Kottayam	Kottayam	Periyar East	0.0061
	Idukki	Idukki	5.40
	Total		5.4061
Wildlife Circle, Palakkad	Thrissur	Peechi	193.02
	Total		193.02
Total			7801.1161

4.8 FOREST MANAGEMENT INFORMATION SYSTEM (FMIS) WING

This Wing was established as part of the Kerala Forestry Project under ‘*strengthening sector management*’ with the objectives of building the capacity of staff to use and manage information, facilitating flow of information within KFD units, mainstreaming the use of IT, particularly Data Base Management System (DBMS), Geo-Information System (GIS), expanding internet connectivity and increasing the availability of key reference data sets such as an updated forest inventory to users within the KFD. Presently the wing is trying to bring out improvements in the management functions of the Department through efficient and effective application of various modules already developed, besides updating the web- portal of the Department with all the latest information. New modules such as Offence Module, Court Case Module, and Compensation to Wildlife Attack module, Cairns Construction Module and Fire Monitoring Module have been made online, in which data entry is being made. Department has launched 11 Circle websites for uploading Circle level information by the Circle officials themselves. More stress has been given on the use of Information and Communication Technology (ICT) by directing all offices to make most of the communication through e-mail including submission of documents as scanned attachments to e-mails. The wing has been imparting training to the officers of the Department in handling Computer applications for improving efficiency in developing up-to-date Geo-database of forests of Kerala using remote sensing data for various purposes and developing maps of forest areas for the use of KFD officials. This wing is also preparing and implementing various FMIS modules.

Major e- governance initiatives taken by the FMIS Wing for the reporting year are, (i) e- tendering (All tenders above Rs.5 lakhs are being done through e-tender), (ii) sharing of all available spatial data with Kerala Spatial Database Infrastructure (KSDI) as per Government direction, (iii) implementation of File tracking application, (iv) Online Wildlife Photography Contest, Online services- Agasthyarkoodam trekking and Compensation for victims of wildlife attack by way of online application under the e-district programme of KSITM. (108

laptops and multifunction printers have been distributed under this project to Range Forest Officers for implementing the services at Range level), (v) for improving the communication facility – setting up of wireless network system in KFD, Video Conferencing facility from Forest headquarters to various offices, (vi) for securing No - Objection Certificate for wood based industries– Cutting permission for trees in non- forest land in KSWIFT (Kerala Single Window Interface for Fast and Transparent Clearance) platforms developed by KSIDC.

4.8.1 Major Achievements

- Generated Base Maps.
- Generated various thematic maps. Generated Basic GIS Layers.
- Integrated various Layers for specific studies. Layouts prepared using Google maps.
- Field level data incorporated.
- Atlas for 22 forest divisions prepared.
- Kerala Forest GEO-PORTAL - An online solution where the field officer can take layers of their choice rather than depending on GIS Wing. Field officer can overlay the layers over Google map and Bhuvan images.
- Training in Handheld GPS was given to 150 numbers of Field staff of all territorial and Wildlife circles at various venues during this year.

4.9 INFRASTRUCTURE & HUMAN RESOURCE DEVELOPMENT (IHRD) WING

The Training Wing in the Department was created during 1990 for training the Department personnel, in order to improve their efficiency. This wing was headed by a Conservator of Forests to begin with which was subsequently upgraded to the status of Chief Conservator of Forests vide G.O (Rt) No. 411/2004/F&WLD, dated: 04.10.2004. Vide G.O (Rt) No. 56/11/2011/GAD, dated: 23.07.2011, the post was upgraded to Additional Principal Chief Conservator of Forests (IHRD).

There are two Forest Training Institutes, one at Walayar and the other at Arippa. Kerala Forest School (Now, State Forest Training Institute), Walayar was opened vide G.O (Ms)No.1220/61/ Agri, dated: 05.12.1961 for imparting training to the Section Forest Officers and the Beat Forest Officers. Forest School (Now, State Forest Training Institute), Arippa was established vide G.O(Ms) 167/81/ Forest dated: 27.05.1981 for imparting training to Section Forest Officer sand the Beat Forest Officers making use of the existing facilities available in the training institute of the Kerala Forest Development Corporation at Arippa. In addition to the above two Training Institutes, a Forest Training Centre (FTC)attached to the office of the Addl. Principal Chief Conservator of Forests (IHRD) at Rajiv Gandhi Nagar (near PTP Nagar), Thiruvananthapuram, has also been functioning with well- equipped Computer Lab for training the staff in FMIS modules, Service and Payroll Administrative Repository for Kerala (SPARK) etc. Hostel facilities for accommodation are also available at the said training centers. In-service training programmes for various categories of staff and officers working in the Forest Department are organised in the Forest Training Centre regularly.

Induction training is being imparted for a period of one year to Section Forest Officers and nine months to Beat Forest Officers at State Forest Training Institute, Arippa as well as State Forest Training Institute, Walayar. An average of about 140 Beat Forest Officers and about 100 Section Forest Officers can be trained in a year by utilising the facilities available at present. For both the Section Forest Officers and the Beat Forest Officers, forestry related subjects such as Forest Botany, Forest Mensuration, Forest Survey, Forest Engineering, Wildlife Management, Forest Acts and Rules etc. are taught in class rooms, besides imparting practical training in the Campus and also through study tours. During study tours, the practical aspects of forestry are given top most priority. Detection, registration and successful prosecution of forest cases, silvicultural operations including regeneration techniques, timber operations including sale of timber etc. are also taught. Physical fitness sessions and games are integral part of the curriculum. On amending the recruitment rules, induction training at Forester (Section Forest Officer) level

is stopped, as there is no recruitment at this level.

During 2018-19, induction training for Beat Forest Officers and compulsory training of Deputy Range Forest Officers & Range Forest Officers (*FNTR Category) were conducted at the State Forest Training Institutes (SFTI), Arippa & Walayar. 242 Beat Forest Officers, 36 Section Forest Officers, 85 Deputy Range Forest Officers, 2 Wildlife Assistant Grade- II and 10 Forest Drivers had attended the above training. Apart from this 28 B.Sc. (Forestry) students had undergone 10 days training, 72 frontline staff had undergone 2 days training on Forest Management and 54 forest Tribal Watchers had undergone 3 days training during the year. (*Section Forest officer not trained as Range Forest Officer (FNTR))

4.9.1 In-service Training:- Short term in-service training courses at the Forestry Training Centre, Arippa and Forestry Training Centre, PTP Nagar, Thiruvananthapuram are organised for the following categories of officers/staff:

- Assistant Conservator of Forests Range Forest Officers
- Deputy Range Forest Officers Section Forest Officers
- Beat Forest Officers
- Senior/Junior Superintendents/Head Accountants Personal Assistants/ Confidential Assistants Clerk/Senior Clerk
- Drivers
- Forest Tribal Watchers

During the financial year training was imparted to 87 officials from the above categories.

4.9.2 Refresher courses for frontline staff:- Refresher courses for frontline staff (Deputy Range Forest Officers/Section Forest Officers and Beat Forest Officers) was organised at SFTI, Walayar and SFTI, Arippa.

4.9.3 STP Trainings:- The Department has actively utilised the trainings as per the State Training Policy (STP) organised by the Institute of Management in Government at its Centers in Thiruvananthapuram, Kochi and Kozhikode during 2018-19.

4.9.4 Deputation of IFS Officers/State Service Officers for trainings/workshops:- During the year 22 officers were deputed to various training courses sponsored by the MoEF and other organizations of GoI and the State Government in different premier institutions in the country.

During the year, 1198 officials in the various cadres of the department were imparted training through the different training programmes. An abstract of the same is given below.

Table 26 - Participants in the various Training Programmes

Sl. No.	Institute	No. of Participants
I	SFTI Arippa	219
II	SFTI Walayar	211
III	FTC, Thiruvananthapuram	140
IV	IMG, Thiruvananthapuram	443
V	Other trainings	163
Sub Total		1176
Training attended in Institutions Outside Kerala		
I	EEL, Hyderabad	2
II	SFS, Coimbatore	6
III	CASFOS, Dehradun	4
IV	CASFOS, Burnihat	7
V	Foreign Training (Thailand, Malaysia)	3
Sub Total		22
Grand Total		1198

4.9.5 Implementation of Externally aided ‘Japan International Corporation Agency’(JICA) project:- Ministry of Environment & Forests, Government of India has implemented the JICA funded Project (ID-P-199) titled – ‘Capacity Development for Forestry Management and Training of Personnel’ in eleven states including Kerala. The Kerala Forest Department has undertaken the project implementation for up-gradation of infrastructure of the Forest Training Institutes and revising the syllabus and course

curriculum for the frontline staff (Beat Forest Officers, Section Forest Officers and Deputy Range Forest Officers) of the Department. Infrastructure facilities at the State Forest Training Institutes at Arippa and Walayar were slated to be renovated under this scheme for which 10.87crores has been sanctioned by Govt. of India. The works of construction/ renovation in both schools was awarded to 'COSTFORD' which have been completed. The period of above project was extended up to October 2018.

The project also had a consultancy for assisting the State Project Monitoring Unit (SPMU) in implementation of the soft component of the project. M/s. Sutra consulting Pvt. Ltd. IRC Village, Bhuvaneswar, had prepared the syllabus, modules, handouts on various subjects and the same were approved by the competent authorities. The consultant has completed the project work and submitted final report.

4.9.6 State Forest Training Institute (SFTI), Arippa:- Government of India, as per their letter F. No. 14-41/2003-RT (Kerala), dated: 27.12.2011 had issued administrative approval at a total project cost of 487.53 lakhs and released 438.77 lakhs. Contract for the implementation of all project had been signed with M/S COSTFORD on 24.3.2012. The site was handed over on 2.5.2012 and the work has been completed. In the project, 2 new buildings were constructed (i.e. Hostel and Guest House), renovation of 14 existing buildings was undertaken (i.e. Hostel, Class rooms, Kitchen, Staff Quarters etc.) and site level interventions like road drainage, landscaping etc. were done as per the project mandate.

4.9.7 State Forest Training Institute (SFTI), Walayar:- Government of India as per their letter F.No.14-41/2003-RT (Kerala), dated: 20.03.2012 had issued administrative approval and expenditure sanction for SFTI, Walayar, Kerala at a total project cost of Rs. 458.45 lakhs and the same was revised to 462.76 lakhs and the amount released was 413.03 lakhs. Under this project, works on four new buildings (ie.Trainees hostel, Staff Quarters), renovation of six buildings (ie, Academic Block, Administrative Building) and site level interventions like road, foot path, storm water drainage, landscaping, bio-gas

plant, drinking water treatment plant, etc. were taken up.

M/s. Sutra Consulting Pvt. Ltd. IRC Village, Bhuvanesar have been selected for providing consultancy service to SPMU Kerala at total cost of 35.94 lakhs. Government of Kerala vide G.O (Rt) 44/12/F&WLD, dated: 23.01.2012 had approved the same. The consultants submitted the syllabus for induction training of Beat Forest Officers, Section Forest Officers and for compulsory training of Deputy Range Forest Officers and Range Forest Officers (FNTR category). They prepared modules for Beat Forest Officers and Dy. Range Forest Officers in co-ordination with Principals. The syllabus of Beat Forest Officers and Dy. Range Forest Officers have been approved by the Government of Kerala.

4.10 SOCIAL FORESTRY WING

Social Forestry projects started during 1982 in Kerala with the aim of taking the pressure off the forests by providing green cover in fallow lands outside forests. With the objective of mitigating the adverse effects of Global Warming, the Social Forestry wing embarked on massive afforestation programme outside the forest with involvement of different sections of the society and implemented these as a people's programme. Planting of trees along the railway line, roadsides, canal banks, revenue *purambokes* and Government institutions was also undertaken. Social Forestry also aims at raising various species of seedlings for distribution and planting by public so as to meet the growing demand for timber, fuel wood, fodder etc. thereby reducing the pressure on the traditional forest area.

4.10.1 Haritha Keralam Padhathi:- Haritha Keralam Scheme was started in the year 2009-10 with the objective of greening Kerala by way of distributing seedlings free of cost to schools, higher educational institutions, planting in public lands and for media, political parties, and youth organisation based on Government orders issued from time to time. The scheme also included production of seedlings and supply at subsidized rate to local self-government bodies, media, public and other organizations and 66.12 lakh of valuable seedlings have been distributed to public and planted all over the State involving the various agencies as stated above. So far, nine phases of Haritha Keralam

Scheme have been implemented, and the distribution of seedlings to various agencies during these phases is given below:

Table 27 - Distribution of Seedlings during 2018-19

Sl. No.	Haritha Keralam	No. of seedlings distributed (in lakhs)
1.	Phase – I (2009-10)	31.40
2	Phase – II (2010-11)	79.51
3	Phase – III (2011-12)	70.44
4	Phase – IV (2012 -2013)	87.97
5	Phase – V (2013-14)	83.68
6	Phase – VI (2014-15)	73.01
7.	Phase – VII (2015-16)	72.61
8	Phase – VIII (2016-17)	65.29
9	Phase – IX (2017-18)	66.12
10	Phase – X (2018-19)	78.15

4.10.2 Production of seedlings for Haritha Keralam Padhathi (Phase –X):- It was decided to implement the Phase – X programme of Haritha Keralam Scheme during 2019-20. For this purpose, about 64.38 lakhs seedlings were raised during 2018-19 for distribution to public and for departmental planting during the planting season of 2019-20.

4.10.3 Vazhiyorthanal Programme:- This programme envisages planting of seedlings of more than one year old age on the sides of important roads/ institutions/avenues in Kerala. During 2018-19 about 17456 seedlings were planted.

4.10.4 Scheme for incentivization of private forestry:- The proposal to give cash incentives to farmers with an objective of encouraging them to grow more trees and produce timber in private lands was approved by the Government vide G.O (Rt) No. 99/2012/F&WLD, dated: 17.02.2012.The tree species included in this scheme are teak, sandal, mahogany, Anjali, plavu, rosewood, kambakom, kumbil, kunnivaka and thembavu.The scheme is being implemented through individual farmers, VSS, EDC, Kudumbasree units, Self Help Groups,

farmer's co-operatives and NGOs. Those who are planting a minimum of 50 seedlings in their land will be eligible for incentive.

Table 28 - Amount of Incentives

(a)	From 50-200 plants	Rs. 50 per plant.
(b)	From 201-400 plants	Rs. 40 per plant with a minimum of Rs. 10000.
(c)	From 401 to 625 plants	Rs.30 per plant with a minimum of Rs. 16000.

50% of the incentives will be given at the end of 1st year and the remaining 50% will be given at the end of the 3rd year. The scheme also provides cash awards for the best three performers in each of the above said slab at the end of 5th and 10th year. During the current year 2018-19, Rs.3.10 lakhs were given as incentive to farmers.

4.10.5 Conservation & management of mangroves in Vembanad &

Kannur regions:- The wing has been implementing Centrall Sponsored Scheme for Conservation and Management of Mangroves in Vembanad and Kannur regions since 2006-2007. The funding pattern of the scheme is in the ratio 60:40 by Government of India and Government of Kerala respectively. During 2018-19 an amount of Rs. 145.00 lakhs was allotted to Vembanad region and Rs. 86.20 lakh for Kannur region which were fully utilized.

4.10.6 Biodiversity conservation works done outside reserved forests

4.10.6.1 Protection and conservation of Sacred Groves:- Government vide G.O (Rt) 354/2013/F&WLD dated 12.09.2013 had issued administrative sanction for the implementation of the scheme for protection and conservation of Sacred Groves. The scheme extends financial support to the owners of sacred Groves with a view to preserve 'Kavu', the rich repository of biological resources. As per revised guidelines issued vide G.O (Rt) no. 485/16/F7WLD dated 24.12.2016 an amount of Rs.6.02 lakh was distributed to Sacred Grove owners in Kollam, Ernakulam & Kozhikode regions for the up keep and maintenance of Sacred Groves during 2018-19.

4.10.6.2 Vanamithra Award:- Vanamithra award is being given to individuals, educational institutions, NGOs, farmers etc. considering their activities which contribute to the conservation of biodiversity, agro-biodiversity etc. Selection of eligible nominees are done according to the guide lines issued as per G.O (Rt) No.485/F & WLD dated 24.12.2016.14 nominations were selected during 2018-19 and awards were distributed @Rs. 25000/- each.

4.10.6.3 Mangrove Incentivisation:- The owners of mangroves are being awarded monetary incentive @Rs.4000/- per acre for their noble gesture for conserving the remaining existing mangroves and protecting them from destruction; there by making available ecosystem services to the society.

The scheme is being implemented by Social Forestry Wing as per guidelines issued vide G.O. (Rt) No. 485/16/F&WLD dated 24.12.2016. The Assistant Conservator of Forests (SF) of each district will invite applications by giving wide publicity on the scheme through the media. The interested owners shall apply to the Assistant Conservator of Forests (SF) of the concerned district in the prescribed format along with proof of ownership and a sketch of the area. The District Committee will decide on the extent of the mangrove and the amount of incentive to be paid to the owner of the mangrove. No applications were received during 2018-19.

4.11 SPECIAL AFFORESTATION WING

Implementation & Monitoring of Forest (Conservation) Act, 1980:- The Nodal Officer deals with processing of applications received for the use of forest land for non-forestry purposes in the light of Forest (Conservation) Act, 1980, corresponding guidelines of the Hon'ble Supreme Court and the Central Government directives on the same. All the proposals received during 2018-19 which were verified to be complete were processed and assigned to DFOs for further recommendations. Clearance was accorded in most of the cases. Pending application are being processed at various levels.

Table 29 - Forest Land Diverted under FCA 1980 during 2018-19

Sl. No.	Purpose	Order No. and Date	Area (Ha.)
1	Diversion of forest land for construction of Bridge at Malampuzha Ring Road – Palakkad in Palakkad Division	GO (Rt) No. 34/2019/F&WLD Dated : 30.01.2019	0.264
2	Diversion of forest land Kommery Kunju Veedu Colony Road – Kannur	GO (Rt) No. 71/2019/F&WLD Dated. 19.02.2019	0.2046
3	Diversion of forest land for electrification of Kochialumoodu-Kanchinada area of Palode Range in Thiruvananthapuram Division	GO (Rt) No. 262/2018/F&WLD Dated. 01.06.2018	0.07
4	Diversion of forest land for electrification of Pulikavu area of Udumbanoor GP	GO (Rt) No. 254/2018/F&WLD Dated. 29.05.2018	0.5964
5	Diversion of forest land for capacity augmentation to two lane with paved shoulder of NH 744 (old NH 208) from Punalur (45/000) to Kottavasal (81/000) by Executive Engineer, PWD NH Kollam	GO (Rt) No. 261/2018/F&WLD Dated. 01.06.2018	0.5717
6	Diversion of forest land for providing electric connection to Mokka ST Colony in Anchal Range of Punalur Division	GO (Rt) No. 253/2018/F&WLD Dated. 29.05.2018	0.0385
7	Diversion of forest land for electrification of Veloorkara area of Udumbanoor GP in Idukki District in Kothamangalam Division	GO (Rt) No. 278/2018/F&WLD Dated. 14.06.2018	0.8652
8	Diversion of forest land for electrification of Channamala SC Colony in Kulathupuzha Range, Thiruvananthapuram Division	GO (Rt) No. 285/2018/F&WLD Dated. 19.06.2018	0.028
9	Diversion of forest land for electrification of Makkuvalley area of Thodupuzha Range of Kothamangalam Division	GO (Rt) No. 301/2018/F&WLD Dated. 25.06.2018	0.077
10	Diversion of forest land for electrification of Cheenikala ST Colony in Anchal Range of Punalur Division	GO (Rt) No. 303/2018/F&WLD Dated. 25.06.2018	0.07

Sl. No.	Purpose	Order No. and Date	Area (Ha.)
11	Diversion of forest land for electrification of Kochukoottakallu area of Karimanoor GP in Idukki Dist.	GO (Rt) No. 306/2018/F&WLD Dated. 25.06.2018	0.1224
12	Diversion of forest land for electrification of the house of Smt. Kala Prayag Perumthoyil and one Anganvady at Perunthoyil in Pathanapuram Range	GO (Rt)No.311/2018/F&W LD Dated. 25.06.2018	0.0021
13	Diversion of forest land for electrification of Manayathadam area in Thodupuzha Range of Kothamangalam Division	GO (Rt) No.311/2018/F&W LD Dated. 28.06.2018	0.070
14	Diversion of forest land for stringing 1.8 km aerial bunched cable (ABC) for inter linking 11 KV Pazhayanoor and Elanad feeder through forest area at Naduppamkund in Machad Range of Thrissur Division	GO (Rt) No. 317/2018/F&WLD Dated. 28.06.2018	0.18
15	Diversion of forest land for electrification of Kaithapara area of Thodupuzha Range of Kothamangalam Division	GO (Rt) No. 317/2018/F&WLD dated. 29.06.2018	0.0735
16	Diversion of forest land for Kulamavu Police Station in Kothamangalam Division of Idukki Dist.	4-KLB 693/2019-BAN/465, GO (Rt)No.465/2018/F&W LD Dated. 03.07.2018 26.10.2018	0.95
17	Diversion of forest land for providing service connection to Sri. Shaiju, KunnumpurathuVeedu, Elavupalam, Thannimoodu, Ex-Service Colony under Kulathupuzha Range	GO (Rt) No. 68/2019/F&WLD Dated. 16.02.2019	0.1201
18	Diversion of forest land for Providing service connection to Smt. Baby KaithakuzhyVeedu, Kudavanadu under Palode Range	GO (Rt)No.50/2019/F&W LD Dated. 08.02.2019	0.022
19	Diversion of forest land for providing electric connection to Sri. Prasad K, PanayilVeedu, Elavanpalam, Thannimoodu Ex- colony under Kulathupuzha Range	GO(Rt)No.70/2019/F&WLD Dated.20.02.2019	0.008

Sl. No.	Purpose	Order No. and Date	Area (Ha.)
20	Diversion of forest land for electrification of Vattakkarikakom Colony in Kulathupuzha Range of Thiruvananthapuram Division	GO (Rt) No. 318/2018/F&WLD Dated.29.06.2018	0.00735
Total Area			4.34085
Stage I (In principle approval)			
1	Diversion of forest land in Kasaragode for laying gas pipeline – KKB MPL – GAIL (Kochi-Kootanadu-Bangalore-Mangalore Pipeline Phase III) from Kochi to Bangalore and Mangalore crossing 7 districts of Kerala	4-KLB1181/2018- BAN Dated.15.05.2019	0.33
2	Diversion of forest land in Kothamangalam Division in Idukki Dist. For construction of Thommankuthu –Naranganam Road	4-KLB 1002/2014- BAN/65 Dated.13.04.2018	0.996
Total Area			1.326

4.11.1 Supervising activities in respect of issue of license to Wood -

Based Industries (WBI):- A State level committee was constituted to deal with the applications on No Objection Certificate (NOC) for WBI. The power to issue license was delegated to Divisional Forest Officers / Wild Life Wardens by the committee as per Kerala Forests (Regulation of Saw mill and other Wood Based Industries) Rules 2012.

State Compensatory Afforestation Fund Management and Planning Authority (CAMPA):- The funds under CAMPA were released from the Adhoc CAMPA based on approved APOs submitted from the States. The APOs are to be approved by the Executive Committee and Steering Committee of State CAMPA. The APOs for years 2016-17, 2017-18 and 2018-19 were pending. The Annual Plan of Operations for 2016-17 & 2017-18 and 2018-19 were approved by State CAMPA Executive Committee held on 06.02.2018 for an estimated cost of Rs.736.40 lakhs and Rs.910 lakhs respectively. The same was approved by the Steering Committee chaired by Chief Secretary Kerala which was held on 07.03.2018 and submitted to Adhoc CAMPA for fund

release. Adhoc CAMPA released a total of Rs.14.61 crores for 2016-17, 2017-18 and 2018-19 APOs. The amount was distributed to sub offices for the implementation of works as per approved APO.

Table 30 - CAMPA- Target and Achievement up to 2018-19

Sl. No.	Component/Particulars of the work	Financil a target (Rs. In lakhs)	Expenditue as on 31.03.2019 (Rs. In lakhs)
I	Compensatory Afforestation Funds	498.56	26.69
1	Compensatory Afforestation	88.56	26.69
2	Preparatory work for setting permanent nursery (Stage II)	60.00	0.00
3	Completion of Central Nursery work (Phase II)	350.00	0.00
II	Forest &Wildlife Protection	526.82	346.35
1	Interior Camp Sheds	55.00	39.05
2	Field Ration	72.00	38.48
3	First Aid	7.20	3.63
4	Soil and moisture conservation/Gully plugging	67.00	47.13
5	Mtce of Patrolling Routes /Trek Paths	36.48	32.12
6	Construction, cleaning, Desiltation of pond	30.14	20.44
7	Mtce of check dams and desilting	14.60	4.20
8	Skilled man Mazdoor/Labour for rescue and rehabilitation of snakes	24.00	14.26
9	Better connectivity includes culverts/ foot bridges,roads	83.80	56.75
10	River Bank Stabilization/protection	72.00	47.48
11	Construction of Chappath/Bridge	29.00	11.00
12	Construction of Rain water harvesting/Water Retention	2.10	1.91

Sl. No.	Component/Particulars of the work	Financial target (Rs. In lakhs)	Expenditure as on 31.03.2019 (Rs. In lakhs)
13	Organising joint patrolling and raids	0.50	0.50
14	Creation of Kayyalas	7.00	4.18
15	Digging water holes/ponds	16.00	25.22
16	Provision for Elephant Corridor	10.00	0.00
III	Forest Fire Management	521.63	449.92
1	Fire Mazdoor/Fire Gangs	386.13	382.41
2	Fire Awareness Campaign	26.50	17.26
3	Mini water mist tender	60.0	13.47
4	Fire Fighting equipment's	36.0	31.18
5	Fire watch station	13.00	5.60
IV	Biodiversity Conservation	64.85	44.52
1	Eradication of Exotic weeds	50.00	43.09
2	Turtle Conservation & Monitoring	5.90	1.23
3	Bird Survey and Conservation	2.00	0.20
4	Plant Diversity	6.95	0.00
V	Infrastructure Development	519.60	230.28
1	Solar Lighting	7.00	5.75
2	Providing Vehicle	220.50	100.80
3	Providing Basic Infrastructure	63.50	41.12
4	Purchase of Microchip Reader for Captive Elephant management	1.00	0.00
5	Customised Camper for crisis Management	111.60	39.46
6	Light System as in fire force(Tower Lights)	14.00	0.99
7	Cage, Snack catching equipment	19.50	12.98
8	Emergency lifesaving equipment via mask, jacket etc.	6.50	8.04
9	Total Station survey equipment	40	21.14
10	Arms and Ammunition via pellet Guns, Pump action guns etc.	36	0
VI	Human Animal Interface	64.00	31.68
1	Engaging watchers to mitigate human animal interface	48	20.1

Sl. No.	Component/Particulars of the work	Financial target (Rs. In lakhs)	Expenditure as on 31.03.2019 (Rs. In lakhs)
2	Preparation of detailed GIS based system of managing human animal interface	3.00	0.00
3	Creation of Elephant proof trench	13	11.58
VII	Capacity Building	56.00	28.72
1	Awareness Programme	6.00	4.63
2	Conducting Nature Camps	9.50	9.41
3	Training to protective staff in batches of 20 to 30 persons	19.50	7.85
4	Training and Workshop	1.00	0.60
5	Landscape based training center	20.00	6.23
VIII	Translocation of Forest Enclosures		
1	Translocation of forest enclosures	9.00	0.00
IX	Interest Component	0.54	0.56
1	Monitoring and Evaluation	0.54	0.56
	Total	2261.00	1158.72

4.12 VIGILANCE WING

Vigilance wing was formed in Forest Department vide G.O (Ms) No.289/71/Agri, dated 23.12.1971, with the broad intent of enquiring into offence cases of illegal removal of forest produce, evaluation of regeneration areas and complaints of corrupt practices by the forest officials *etc.* A subsequent Government order G.O (Ms) No. 4/75/AD dated 21.01.75 specified the framework and working of the Vigilance wing. As per this Government Order, the objective of Vigilance wing is to combat corruption and misconduct in the Department effectively and to detect and prevent forest offences. Forest Vigilance wing takes up cases under the following categories for inquiry.

- Nepotism of staff
- Causing wrongful loss to Government property or revenue losses or dues.
- Making false claims such as false T.A, house rent, etc.

- Any dishonest or intentionally improper conduct on the part of a Departmental officer or abuse of his powers as such
- Causing avoidable delay in the disposal of government business.
- Misappropriation or misuse of any government property.
- Gross negligence or dereliction of duty.
- Any illegal or improper conduct.
- Abetment of the above offences.
- Illicit transport of forest produces.

4.12.1 Team for Vigilance and Evaluation Works:- On 04-02-2016, the post of Principal Chief Conservator of Forests(Vigilance) was created with the PCCF (Vigilance) as the head of Vigilance Wing at Forest Headquarters. At present the Wing is headed by APCCF (V&FI). Two Regional Offices, under two Conservators of Forests are functional at Kottayam and Kozhikode respectively. Eight(8) Flying Squad Divisions headed by Divisional Forest Officers and Eighteen (18) Flying Squad Ranges under Range Forest Officers function under the wing. A Forest Intelligence Cell under an Assistant Conservator of Forests and a Control Room headed by a Range Forest Officer who in turn reports to the Additional Principal Chief Conservator of Forests is functioning at the Headquarters.

4.12.2 Forest Intelligence Cell:- Forest Intelligence Cell was established during 2001 under the control of Chief Conservator of Forests (Vigilance). One Range Forest Officer and 10 Beat Forest Officers perform undercover operations for intelligence gathering at various places in the State. Assistant Conservator of Forests, besides his regular duties in the office of Principal Chief Conservator of Forests (V&FI), supervises the Intelligence works of the Cell. The secret information collected by the Forest Intelligence Cell has resulted in detection of serious offences and arrest of accused, especially in wildlife crimes. During 2018-19, an amount of 86,500/- has been disbursed as remuneration to informants.

**Table 31 - Contrabands Seized by Forest Intelligence Cell during
2018-19**

Sl.No	Article Seized	Seized by	Offence
1	Pangolin Scales. KL 46 F 6688- Hyundai I-20 Car KL 8 BR 7745 -Honda Activa	Range Forest Officer, Thrissur	FST OF 02/18 (Illegal trade of Pangolin Scales)
2	Toddy Cat Meat KL 8 AL 9661-Autoriksha		FST OR 03/18 (Illegal possession of Toddy catmeat)
3	Sand Boa (Boidae-I Mobile Phones 5		FST OR 04/18 (Illegal trade of Sand Boa)
4	Sambar Deer Meat		FST OR 05/18 (Hunting of Sambar Deer)
5	Sand Boa (Boidae I Mobile Phones – 2 Nos		FST OR 06/18 (Illegal trade of Sand Boa)
6	Teak logs – 22 Nos KL 05 S 421 (Mini Lorry)		FST OR 08/18 Illegal Transportation of Teak logs)
7	Barn Owl – 2 Nos KL 8 5259 Authorikshaw)		FST OR 01/19 (Illegal trade of Barked Owl)
8	Teak logs – 49 Nos. Firewood – 1/2MT		FST OR 02/19 (Illegal possession of Teak logs)
9	KL 16-5178 (Ashok Leyland Lorry) Elephant – 1		FST OR 03/19 (Transportation of captive Elephant in vehicle without proper documents)
10	Trapezium Horse Conch Shell – 22 Nos	Range Forest Officer, Perumbavoor	OR-01/2018 (Illegal possession and Trade of Trapezium Horse Conch Shell)
11	Wild Honey – 1128 Kg		OR-02/2018 (Illegal Transport and possession of NTFP Product (Honey)
12	Sand Boa (Live)-01 Travel Bag-01 Maruthi Swift Dezire Car KL 07 CE 2668(Taxi)		OR-01/2019 (Illegal possession and Trade of one live Sand Boa)
13	36 Logs – 3.348 M3	Range Forest Officer, Flying Squad, Nelliampathy	FSN-OR-1/2018

Sl.No	Article Seized	Seized by	Offence
14	25.300 Kgs. Sandal pieces	Range Forest Officer, Flying Squad, Palakkad	FSP-OR-3/2018
15	7Kg Sandal pieces	Range Forest Officer, Flying Squad, Palakkad	FSP-OR-4/2018
16	5.05 Kg Sandal pieces	Range Forest Officer, Flying Squad, Nelliampathy	FSN-OR-2/2018
17	2 Nos. of Ivorys	Range Forest Officer, Flying Squad, Palakkad	FSP-OR-5/2018
18	Star Tortoise – 2 Nos	Range Forest Officer, Flying Squad, Palakkad	FSP-OR-1/2019
19	Wild Boar Meat	Range Forest Officer, Flying Squad, Kannur	OR-5/2018
20	Teak Logs – 7 Nos		OR-6/2018
21	Tortoise meat		OR-7/2018
22	Rose wood – 5 Nos		OR-8/2018
23	Wild Boar Meat		OR-9/2018
24	Tortoise – 7 Nos		OR-10/2018
25	Wild Boar Meat		OR-10/2018
26	Irul logs 26 Nos KL 58 G-2363-Tata 407/31 Truck		OR-11/2018
27	Sandal 20 Kg	Range Forest Officer, Flying Squad, Kasargod	OR-2/2018
28	Wild Boar Meat		OR-3/2018
29	Irul Round logs 59 Nos		OR-4/2018
30	Wild Boar Meat		OR-5/2018
31	Teak Logs – 11 Nos		OR-6/2018

Sl.No	Article Seized	Seized by	Offence
32	Uruppu Round Logs – 69 Nos.		OR-7/2018
33	Carcass of Wild Boar – 1 Nos, KL 13 P 5015 Bike		OR-1/2019
34	Country Made Gun – 2 Nos.	Range Forest Officer, Flying Squad, Kasargod	OR-2/2019
35	Country Made Gun – 7 Nos, KL 14 V 1652 Alto Car		OR-3/2019
36	Teak round logs 24 Nos		OR-4/2019
37	Irul – 69 Nos, Vaga-8 Nos, Plavu-2 Nos, Maruthu-6 Nos, KL 59 b 5648 Mini Lorry		OR-5/2019

4.12.3 Raids conducted and Contrabands seized:- During the year, a total of 104 raids were conducted to destroy Ganja plants and illicit brewing. Several vehicles were seized in relation to smuggling of forest products.

4.12.4 Toll Free Telephone Facility:- A toll free telephone (No. 1800 425 4733) is installed at Forest Headquarters Thiruvananthapuram to receive complaints and information from the public. This is a 24 hour facility. The information/ complaints received in toll free telephone are recorded in the printed format and passed on to the concerned field officers for necessary further action. The Toll Free telephone facility started operating from 2006 onwards. During 2018-19, 253 complaints were registered through this facility. During 2018-19, 583 petitions/irregularities were enquired into and the details are shown below.

Table 32 - Petitions/Irregularities enquired by Vigilance Wing during 2018-19

Sl. No.	Particulars	No. of Cases
1	Illicit felling of trees and smuggling of timber and other forest produce	40
2	Encroachments in reserve forest.	41
3	Irregularities involved in the expenditure on forest works, Misappropriation of Government money.	2
4	Irregularities involved in the execution of departmental works	33
5	Supply Connivances in final felling	0
6	Supply-Sale Coupe	1
7	Irregularities in wild elephants and other animals.	6
8	Shooting of wild elephant and other kinds of animals	3
9	Cases of subordinates misbehavior	11
10	Illicit transport of forest produces belonging to Government	2
11	Corrupt practices in auction	2
12	Assault etc.	0
13	Other kinds of petitions	137
14	Violation of KPT Rules/Act.	4
15	Violation of WL Act.	8
16	Illicit distillation	1
17	Atrocities against Tribal	5
18	Atrocities against animals	11
19	Illicit collection of rubble and sand.	2
20	Ganja cultivation	3
21	Illicit felling, storage and transport of timber from private lands	68
22	Petition against forest officials.	175
23	Petition against VSS	9
24	Cases involved in smuggling of bamboos and reeds.	2
25	Illicit diversion of water from Periyar	2
26	Press report	3
27	Illicit transport of forest produce not belonging to Govt.	0
28	Allegation of Ganja cultivation, sale of intoxicating liquor	3

Sl. No.	Particulars	No. of Cases
29	Irregularities in Taungya and other cases	0
30	Fire occurrence	0
31	Misuse of departmental vehicles	5
32	Possession of Unlicensed Gun	0
33	Misappropriation of money	0
34	Smuggling of sand	4
	Total	583

4.13 WILDLIFE WING

Kerala is having one of the richest bio-diversity in the country due to the presence of the Western Ghats which form a nearly 1600 km long chain of mountains along the western side of Indian Peninsula. The Western Ghats have been declared as one of the Bio-diversity Hot-Spots of the world by IUCN. Southern Western Ghats where the forests of Kerala are situated are supporting more bio-diversity in comparison to the Northern Western Ghats. It is estimated to harbour more than 4600 plant species in Kerala portion of Western Ghats which constitute about 27% of the species available in India. Hence the main function of Wildlife Wing is the conservation of wildlife and bio-diversity in the State.

At present there are 11 Wildlife Divisions under three Wildlife Circles. The wing manages 3213.237 km² of forests under its protected area network which includes 6 National Parks, 17 Wildlife Sanctuaries (includes 2 Tiger Reserves, 2 Bird Sanctuaries, 1 Peafowl Sanctuary) and 1 Community Reserve. The details are given below.

Table 33 - National Parks and Wildlife Sanctuaries

Sl. No	Name	Area(km²)	Year of formation
1	Eravikulam National Park	97.000	1978
2	Periyar National Park	*350.000	1982
3	Silent Valley National Park	**237.520	1984
4	Anamudi Shola National Park	7.500	2003
5	Mathikettan Shola National Park	12.817	2003
6	Pambadum Shola National Park	1.318	2003
7	Periyar Tiger Reserve	925.000	1950
8	Neyyar WLS	128.000	1958
9	Peechi - Vazhani Wildlife Sanctuary	125.000	1958
10	Parambikulam W L S (Tiger Reserve)	643.660	1973
11	Wayanad WLS	344.440	1973
12	Idukki WLS	70.000	1976
13	Peppara WLS	53.000	1983
14	Thattekkad Bird Sanctuary	25.000	1983
15	Shenduruney WLS	171.000	1984
16	Chinnar WLS	90.440	1984
17	Chimmony WLS	85.000	1984
18	Aralam WLS	55.000	1984
19	Mangalavanam Bird Sanctuary	0.027	2004
20	Kurinjimala Sanctuary	32.000	2006
21	Choolannur Pea Fowl Sanctuary	3.420	2007
22	Malabar Sanctuary	74.215	2009
23	Kadalundi - Vallikunnu Community Reserve	1.500	2007
24	Kottiyoor Wildlife Sanctuary	30.380	2011
Total		3213.237	

* Periyar National Park (350 Sq.km) includes Periyar Wildlife Sanctuary

** Includes 148 km² of buffer zone added to Bhavani range during 2007

As a result of a paradigm shift witnessed in the National Forest Policy – 1988, a larger emphasis was placed on conservation of all wilderness areas, natural forests, conservation of wildlife and bio-diversity. The constitution of

Wildlife Wing and declaration of more Sanctuaries and National Parks are in line with the realization of this objective.

The Wildlife wing of KFD has taken a leading role in the implementation of projects and works related to habitat improvement, fire protection in wildlife areas, development of water holes at strategic points in the PAs, eco-development works, eco-tourism, extension and education, wildlife census, research, development of infrastructure for protection, maintenance of marshes and swamps, maintenance of water holes, regeneration of degraded ecosystems and fire control form inevitable management practices for sustained and scientific management of Sanctuaries and National Parks. Now a days Wildlife crimes such as illicit trade in Tiger skin, Leopard skin, Elephant tusk, Snake venom, live trade of species like Barn owl, Star tortoise, Sandboa, etc. are increasing which pose new challenge to the Department. Many such high value wildlife crimes have inter-state and international ramifications. In the light of these developments, the Wildlife Crime Control Bureau was constituted by the Government of India at Centre with its Regional Offices. Incidence of such serious wildlife crimes are dealt in co-ordination with agencies like Wildlife Crime Control Bureau and other State Forest Departments.

The Department is also implementing several ecotourism activities in the protected areas in the tourism zones as per approved management plans. The tribal and other forest dependent communities are given employment opportunities in turn for their co-operation in protection activities through specific Eco-tourism programmes, viz; Guided Trekking, Tiger Trail, Protection oriented Border Hiking, Bamboo Rafting, Tented Camping, Tribal Heritage Museum and other participatory activities like participatory fire management, measures to make the protected areas plastic free, eco shops, facilities for selling value added products out of Honey, Wax, MFP, etc., souvenirs from re-cycled plastic, tailoring unit, handicrafts unit, branded mineral water production, etc. The extension and interpretation activities under the Wildlife Wing are vital for enlisting support of the public for conservation of nature and natural resources and to increase the awareness about wildlife and bio-diversity.

Scientific management of Sanctuaries and National Parks require constant

monitoring of health of wild animals in order to check the spread of diseases. Many contagious diseases can cross over to wild animals from domestic cattle straying into the forest areas. As per G.O (Ms)No.12/2017/Forest dated 20.03.2017, one post of Chief Veterinary Officer and 12 posts of Assistant Forest Veterinary Officers were created, which were filled by Officers on deputation from Animal Husbandry Department of the State, increasing the total strength of the Veterinary doctors in the department to 17. Chief Wildlife Warden and the Wildlife Wardens are the Statutory Authorities as per Wild Life (Protection) Act, 1972 and they have the mandate to protect Wildlife in all the forest areas and outside forests as well. The Department pays special attention to the protection of Sacred Groves, Mangroves and Wetlands as well

4.13.1 Human-Wildlife Conflicts:-Human-Animal conflict is a widely prevalent scenario, mostly faced by people who inhabit the fringe areas of forests and those living inside the forests. Conflicts may arise due to animals moving into habitations often resulting in serious injury to people, permanent disability of the attack victims, crop damage, cattle loss, damage to habitations and loss of life of humans which in turn may end up in retaliatory killing of the wild animals. In Kerala, the Wild Elephants and Wild Boars dominate the scene and cause wide spread damages. Kerala Forest Department has taken several proactive measures like digging Elephant proof trenches, creating Elephant proof walls and constructing solar powered Electric fences along the forest boundaries, to mitigate this problem. Vide G.O(Rt) No.265/2011/F&WLD dated:17.06.2011, the Government conditionally allowed to shoot the Wild Boars, which were found repeatedly causing damage to crops, on experimental basis, for a period of one year. Subsequently, vide G.O(Rt) No.399/2012/F&WLD dated:04.08.2012, the period was extended for one more year from 23.06.2012. Thereafter the Government vide G.O (Ms) No.31/2013F & WLD dated:19.03.2013, comprehensively amended the conditions and the procedure prescribed in the above order and extended the period for 3 years from 04.08.2012. A total number of 7890 incidents of human-animal conflicts were reported in Kerala during 2018-19.

Table 34 - Human Wildlife Conflicts (HWC) during 2018-19

No of incidents	Snake	Elephan	Wild Boar	Gaur	Tiger	Leopard	Others	Total
Human death	123	17	5	0	0	0	0	146
Human injured	541	46	169	1	0	0	8	765
Cattle death	11	29	24	3	125	104	52	348
Crop damage and property loss	0	4063	1230	52	0	0	1286	6631
Total	675	4155	1428	56	125	104	1347	7890

The Wildlife wing has continued with its agenda of proactive actions in mitigating the increasing problem of man-animal conflict in the state along the forest fringes through preventive measures like erecting solar fencing, trenches and walls, imparting awareness programmes to forest fringe dwellers and payment of compensation to the victims of wildlife attack and also for crop damage by wildlife. Details of the major preventive structures constructed to mitigate Human-Wildlife conflict as on 31.03.2019 are as given below.

Table 35 - Preventive Structures Constructed to Mitigate HWC during 2018-19

Circle	Solar Fencing (km)	Elephant proof trench (km)	Elephan proof wall (km)	Stone Pitched rench (km)	Bio fence (km)	Kayyala (km)	Others (km)
Northern	361.5	132.00	22.45	0.26	0.00	5.12	0.50
Eastern	73.43	0.86	0.00	0.00	0.00	158.76	0.00
Central	199.43	7.20	0.00	0.00	0.00	0.00	0.00
HRC	51.35	0.00	0.00	0.00	0.00	0.00	1.00
Southern	84.15	2.15	0.00	0.00	0.00	0.00	0.00
WLPalakkad	19.00	3.85	0.00	0.00	0.00	0.04	0.30
FDPT	9.50	0.90	0.23	0.00	0.00	0.58	0.00
ABP	0.00	0.56	0.00	0.00	0.00	0.00	0.00
TOTAL	798.36	147.52	22.68	0.26	0.0	164.46	1.8

4.13.2 Compensation paid to victims of attack by Wild Animals

The Forest Department provides compensation to the victims of attack by wild animals vide 'Kerala Rules for Payment of compensation to victims of wild animals 1980'. During 2018-19, an amount of Rs.11,15,03,154/- was distributed to the victims.

Table 36 - Victims of Wild Animals Attack during 2018-19

Item	No. of applicants	Amount paid (Rs)
Human death	130	2,42,66,000
Human Injured	683	2,58,42,862
Cattle Loss	379	88,38,825
Crop damage and property loss	6933	5,25,55,467
Grand Total	8125	11,15,03,154

4.13.3 Wildlife Population Estimation:- Wildlife population estimation is periodically conducted in the forest areas of Kerala. Earlier, estimation were conducted in 1993, 2002 and 2011. In addition to the general wildlife population estimation, separate population estimation is conducted for species like Tiger, Nilgiri Tahr and Elephant.

4.13.2.1 Tiger Population Estimation:- Monitoring of Tigers, co-predators, their prey and habitats was carried out in the forests of Kerala from 16 to 23 December 2013, as part of the "All India Tiger Estimation", and as per the guidelines issued by the National Tiger Conservation Authority (NTCA). The status report of Tigers in Kerala shows an increase in numbers to 190 from the population of 136 reported in 2014. The report States that the Tiger population and occupancy has shown a substantial increase in the Western Ghats landscape. Comparison of the population of Tigers as per the past estimations is as follows:

Table 37 - Estimated Tiger population in Kerala

Year	Population
2010	71
2014	136
2018	190

4.13.2.2 Nilgiri Tahr Population Estimation:- The Nilgiri Tahr is an endemic species with limited distribution in the mountain landscapes of Southern Western Ghats in the states of Kerala and Tamil Nadu. Low population status, limited and discontinuous distribution and human intervention in a highly fragile ecosystem brought Nilgiri Tahr in the IUCN 'Red Data Book' under the status 'Endangered'. It is also listed in the Schedule 1 of Wild Life (Protection) Act 1972. The estimated population figures of Nilgiri Tahr in the Eravikulam National Park during last 10 years surveys are given below:

Table 38 - Estimated Population of Nilgiri Tahr for the Last Ten Years

2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
743	747	776	831	789	873	894	900	1420	Estimation not conducted	

4.13.3 Securing Elephant Corridor:- Wildlife habitats and their corridors of the major long term steps to tackle Human-Wildlife conflict. Elephants in the wild show a nomadic behaviour and the daily/seasonal migration they make through their Home Ranges are immensely important to the environment. Kerala Forest Department has been taking several steps to ensure that the habitats of elephants are protected. Fragmentation of forests is a major challenge as far as protecting wildlife corridors is concerned. As per the second edition of "Right of Passage (Elephant Corridors of India)" published in 2017, seven corridors were identified in Kerala.

Table 39 - List of Elephant Corridors

Sl. No.	Name of the Corridor	Name of Division	Length & Width	Legal Status	Habitations in Corridor	Villages Dependent on Corridors
1	2	3	4	5	6	7
1	Kottiyoor - Periya	Kannur,	3	0.1	Not notified	Land acquisition in progress
		Wayanad (N)				

Sl. No.	Name of the Corridor	Name of Division	Length & Width	Legal Status	Habitations in Corridor	Villages Dependent on Corridors
2	Begur-Brahmagiri	Wayanad WLS with Brahmagiri WLS & Nagarhole TR (Karnataka)	1	0-0.8	Not notified	Land to be acquired
3	Nilambur - Appankappu	Nilambur North & South Divisions	0.4	0.5	Not notified	Land to be acquired
4	Periya-at Pakranthalam	Wayanad (N)	0.5	0.2	Not notified	Land to be acquired
5	Thirunelli-Kudrakote	Wayanad (N)	6	1 to 1.5	Yes	9.63 acres notified as extension to Wayanad Wildlife sanctuary & remaining 8.37 acres as Reserve Forest.
6	Nilambur Kovilakam-New Amarambala m	Nilambur North & South Divisions	1	0.5	Not notified	No acquisition needed
7	Mudumalai – Nilambur via O' Valley (Oucherlony Valley)	Nilambur North Forest Division and Mudumalai Tiger Reserve (TN)	35	0.1	Not notified	No acquisition needed on the Kerala side

4.13.4 Rescue of Wild Animals :- During the year 2018-19, many cases of human-animal conflicts were reported and action was taken in a scientific manner. Wild animals that entered into human habitations were caught as per regulations and released in their natural habitat. The Wildlife Wing gives permissions to such operations under strict guidelines.

4.13.5 Rapid Response Team (RRT) :- As per G.O (Rt) 275/11/F&WLD dated 22-06-2011, Government established five Rapid Response Teams to drive back the crop raiding Wild Elephants and to manage other problems relating to

human-animal conflict. It envisages at setting up of five numbers of sufficiently equipped Rapid Response Teams in Wayanad (Wildlife), Nilambur, Kannur, Palakkad and Ranni forest divisions. Presently there are 13 such teams who work round the clock to tackle the issues.

Table 40 - Rapid Response Team

Location	Head Quarter	Territorial division to which the team is attached	Officer in charge of the Team	Contact number	
				Mobile	Office
Punalur	Anchal	Punalur	RFO Anchal	8547600 725	047522701 0 0
Ranni	Ranni	Ranni	Dy.RFORanni	8547600 927	
Tvm- Vithura	Pepara	Tvm	RO-Paruthipally	8547600 960	0472- 2854022
Marayoor	Marayoor	Marayoor Sandal Division	RFO, Special investigation unit Marayoor	9447979 096	04865- 252988
Munnar	Devikulam	Munnar Division	RFO, Munnar	8547601 337	04865- 264377
Nilambur- Aruvakkad	Nilambur	Nilambur North	Dy.RFO	8547602 200	04931 220005
Mannarkad	Mannarkad	Mannarkad	RFO Mannarkad	8547602 315	0492 4222875
Palakkad	Palakkad	Palakkad	Dy.RFO, Olavakkode	8547602 100	0491 2552815
Thamarasery	Thamarasery	Kozhikode	Dy.RFO	8547602 828	0495 2223720
Kannur	Taliparamba	Kannur	Dy.RFO	8547602 678	0460 2206696
Kasaragod	Kasaragod	Kasaragod	RFO, Kasargod(temporary arrangement)	8547602 576	04994 225072
Peerumedu	Peerumedu	Peerumedu	RFO, Azhutha	8547603 123	04869 233710

Location	Head Quarter	Territorial division to which the team is attached	Officer in charge of the Team	Contact number	
				Mobile	Office
Sultan Bathery	Kuppady	Wayanad Wildlife Divison	RFO, elephant Squad & RRT Range, Wayanad Wildlife Division	8547603563	04936223500

4.13.6 Relocation of Settlements in Wayanad Wildlife Sanctuary

The voluntary relocation procedure in Wayanad Wildlife Sanctuary started in the year 2012. The Ministry of Environment and Forests approved the project for Rs.80.00 crores for relocation of 800 eligible families from 14 settlements from the Sanctuary. Government of India commenced financing for the proposal from the year 2011-12 onwards, giving a compensation of Rs.10.00 lakh for each eligible family. About 339 eligible families from nine settlements have already been relocated utilizing a fund of Rs.33.90 crores. The translocation procedure is under progress in one settlement.

14.13.6 Wildlife Week Celebrations:- Due to massive flood in the State, Wildlife Week was not celebrated with the customary one week long programmes. Instead, one day Workshop was conducted at Forest Headquarters, Vazhuthacaud. Arrangements were also made for viewing the Workshop deliberations at various Districts and were also live streamed through internet. Similar educative and awareness programmes were conducted at various Districts too.

4.13.7 Achievements in Wildlife Management:- Periyar Tiger Reserve was recognized with the National Award in 2016 for the best anti-poaching camps by the National Tiger Conservation Authority (NTCA). In addition, Parambikulam Tiger Reserve was awarded the Best Performance Award in 2016 in terms of Community Participation in Ecotourism by the NTCA.

In the recently released Management Effectiveness Evaluation Report of Tiger Reserve published by NTCA in 2018, Periyar Tiger Reserve and Parambikulam Tiger Reserve were ranked 1st and 7th respectively.

A programme for rejuvenation of lost millet varieties once popularly cultivated by tribal was formulated and implemented at the Thayannankudy tribal settlement in Chinnar Wildlife Sanctuary. It was successful in rejuvenating 26 different varieties of lost millets and the programme was recognized nationally with the 'Plant Genome Savior Award for Community-2018'.

4.14 WORKING PLAN & RESEARCH (WP& R) WING

Working Plan is the main instrument of Forest Management and is defined as a written scheme of management aiming at continuity of policy (normally for a period of 10 years) controlling the treatment of forest. This wing is having seven Working Plan Divisions. They are responsible for preparing Working Plans for 25 territorial Divisions. In addition, Forest Resource Survey Cell (FRSC) at Thrissur is responsible for assessing the availability of various forest resources such as Bamboos, Reeds, Canes, etc. There are two Research Divisions one at Thrissur and the other at Thiruvananthapuram that carry out various applied Silvicultural Research and maintenance of Permanent Preservation Plots. The two Research Divisions are acting as an interface between various research institutions like TBGRI, KFRI, IFGTB, etc. in undertaking multi location trials and to test the efficacy of the research findings in the local field situations. Seed center at KFRI, Peechi is being jointly managed by DCF, Research North and KFRI.

The WP & R Wing has laid, over a period of last two to three decades, a number of Permanent Plots, long term Observation Plots, Species introduction trials and miscellaneous trials regarding various aspects of Silvicultural Management. The individual plot wise /species wise data analyzed statistically helps to decipher the trends in the species experiment and will be of immense technical and scientific help for the forestry management in Kerala.

4.14.1 Growing Stock Inventory:- The estimation of growing stock with data on species wise individual tree, stand or forest type is conducted. The form and composition of tree crop according to age, quality, extent, etc. and its distribution, statistics of growth and yield through Stump and Stem

Analysis as well as from other available record are estimated. Biomass Carbon Stock estimation, status of plantations etc. also form part of the growing stock inventory.

4.14.2 Vegetation Survey:- It include enumeration of species composition such as dominant and co-dominant trees species, Bamboos, Rattans, Shrubs, Herbs, Climbers, Lichens, Algae, Fungi, Epiphytes and Parasites for their density, frequency, dominance and abundance values.

4.14.3 Achievements and activities during 2018-19

Research North, Thrissur: - The division protected its assets from forest fires by taking measures through creation of 29.525 km of fire line which also provided employment by generation of 1199 man days of work. The division maintained 18 Seed Production Areas (SPAs) in various Ranges.

Research South, Thiruvananthapuram: - Permanent Preservation Plots, Seed production areas of teak, Sandal, Lagerstroemia, Teak seed orchards, Moist deciduous experimental plots etc. are being maintained and protected. Quality, viable seeds were collected from different Seed Production Areas and sent to Seed Centre, Peechi for evaluation, storage and sale.

4.14.4 Projects completed

Research North, Thrissur :- A comparative study on Root trainer and Stumps was conducted in four plots in Nilambur, Palakkad and Mananthavady units. Measurements were taken and recorded.

Working Plan Office, Achenkovil:- The revision exercise for the Working Plan of Kottayam Forest Division for the period from 2017-18 to 2026-27 is completed and approved by MoEF, Government of India.

Status of Working Plan :- Out of 25 Territorial Forest Divisions, 19 Divisions are having current Working Plans approved by Government of India.

Table 41 - Status of Working Plans as on 31.03.2019

Sl.No.	Division	Valid till	Status
Divisions where approved Working Plan or Management Plan is available			
1	Thiruvananthapuram	31.03.2018	New Working Plan is under preparation.
2	Thenmala	31.03.2019	New Working Plan is under preparation.
3	Achenkoil	31.03.2018	New Working Plan is under preparation.
4	Punalur	31.03.2021	Working Plan is current
5	Munnar	31.03.2020	Working Plan is current
6	Marayoor	31.03.2020	Working Plan is current
7	Mankulam	31.03.2022	Working Plan is current.
8	Thrissur	31.03.2024	Working Plan is current
9	Palakkad	31.03.2019	New working plan is under preparation.
10	Nilambur(South)	31.03.2024	Working Plan is current.
11	Mannarkkad	31.03.2022	Working Plan is current
12	Kozhikkode	31.03.2021	Working Plan is current
13	Kannur	31.03.2023	Working Plan is current.
14	Wayanad(South)	31.03.2022	Working Plan is current
15	Kasargod	31.03.2028	Working Plan is current
16	Ranni	31.03.2024	Working Plan is current
17	Nilambur(North)	31.03.2025	Working Plan is current
18	Konni	31.03.2025	Working Plan is current
19	Nenmara	31.03.2025	Working Plan is current
20	Kottayam	31.03.2027	Working Plan is current
21	Chalakkudy	31.03.2015	New Working Plan is under preparation.
22	Vazhachal	31.03.2014	New Working Plan is under preparation.

Sl.No.	Division	Valid till	Status
23	Malayattoor	31.03.2025	Working Plan is current
24	Wayanad(North)	31.03.2025	Working Plan is current
25	Kothamangalam	31.03.2026	Working Plan is current
25	Kothamangalam	31.03.2026	Working Plan is current

4.14.5 Kerala Forest Seed Centre:- With the help of Kerala Forest Research Institute, an excellent facility for seed testing, grading and certification at Peechi was established and is known by the name Kerala Forest Seed Centre (KFSC).

Table 42 - Teak Seed Production Areas details (TSPA) as on 31.03.2019

Sl. No.	Location	Forest Division	Year	Exten(Ha)
TSPA under Research North,Thrissur				
1	Mathamangalam	South Wayanad	1977	38.1
2	Begur Bit I		1976	37.3
3	Begur Bit II		1981	51.5
4	Cheeyambam		1981	67.5
5	Pallichira		1978	51.4
6	Changambam		1980	41.10
7	Udayakkara		1981	61.5
8	North Wayanad		1983	54.45
9	Poolakkappara	Nilambur South	1969	55.00
10	Poolakkapara	Nilambur South	1970	44.7
11	Sankarankode	Nilambur South	1961	42.00
12	Nedumkayam	Nilambur South	1970	54.00
13	Cherupuzha	Nilambur South	1971	20.00

Sl. No.	Location	Forest Division	Year	Exten(Ha)
14	Nedumkayam	Nilambur South	1972	9.00
15	Nedumkayam	Nilambur South	1973	65.00
16	Kariammuriyam	Nilambur North	1974	51.43
17	Elenchery	Nilambur North	1975	31
18	Aravallikkavu	Nilambur North	1975	25.7
19	Elival	Palakkad	1971	41.84
20	Thakkadi, Pannimudi	Nemmara	1979	47.7
21	Thakkadi, Pannimudi	Nemmara	1981	60.24
	Sub Total			950.46
TSPA under Research South,Thiruvananthapuram				
22	Kummannor	Konni	1978	17.60
23	Kummannor	Konni	1979	12.50
24	Kummannor	Konni	1980	13
25	Little Kondody	Konni	1965	16.97
26	Naduvathumoozhy	Konni	1964	12.74
27	Perumthomoozhy	Konni	1963	10.00
28	Chembanaruvi	Konni	1979	67.00
29	Alingamon	Achenkovil	1987	18.28
30	Kodamala	Achenkovil	1987	37.10
31	Adukuzhy	Ranni	1983	45.50
32	Kalaketty	Ranni	1954	42.00
33	Adukuzhy	Ranni	1983	45.50
34	Mullappana	Chalakkudy	1976	126
	Sub Total			464.19
	Grand Total			1414.65

CHAPTER 5 FINANCE

5.1. REVENUE AND EXPENDITURE

The Forest Revenue by way of sale of timber and other forest produce amounting to 287.20 crores was realised during the year 2018-19 against the target of 397.67 crores. The total expenditure incurred during the year was 569.88 crores. The comparative position of revenue and expenditure for the year 2018- 19 with 2017-18 is given in Table below

*Table 43 - Comparative position of Revenue and Expenditure
2017-18 and 2018-19*

Year	Revenue (in crores)	Expenditure (in crores)		
		Plan	Non Plan	Total
2018-19	287.20	171.69	398.20	569.89
2017-18	245.42	188.03	399.12	587.15

5.1.1 Revenue :-The Forest Department contributes substantially to the non- tax revenue of the State. The revenue from forestry sector by way of sale of timber and other forest produce comes to Rs.287.20 crores during 2018-19. Major portion of the forest revenue was from timber. During 2018-19, Rs.244.38 crores was collected towards revenue from the sale of timber alone which accounted for 85.09% of the total forest revenue.

Table 44 - Revenue from Timber and other Forest Produce

Sl. No.	Head of Account	(Rs. in lakhs)
1	2	3
0406-01-101 Sale of Timber and other Forest produces.		
1	99 Timber	24438.24
2	98 Firewood and Charcoal	138.27
3	97 Receipts from sale of forest produce coming under the Kerala private forest (Vesting and Assignment) Act.	31.27
4	96 Receipts from forest development tax	1397.74
5	95 Receipts under Kerala Forest Produce	32.52
6	94 Other Items	191.01
Total (101)		26229.05
0406-01-800 Other Receipts		
1	99 Interests on Arrear of Forest Revenue	100.15
2	98 Receipts from Wildlife department	230.17
3	97 Scheme for Provision of House Sites and houses to Landless Worker in Rural Area - Free Supply of Timber	0.00
4	96 Revenue Realised from the KFDC on the sale proceeds of residual growth	0.81
5	95 Other Items	2057.85
6	94 Livestock	0.03
7	93 Integrated Wasteland Development Programme	0.00
8	91 Receipts on account of Lapsed and Confiscated Deposits	0.00
9	90 Forest Land Lease rent	105.16
Total (800)		2494.17
Grand Total		28723.22
	Refunds (0406-01-900-00)	2.38
	Net Revenue	28720.84

5.1.1.1 Forest Development Tax (FDT)

FDT is levied @5% on the sale proceeds of forest produce. After deducting the cost of collection of tax, balance amount was placed as additional budgetary source. During the year 2018- 19 an amount of Rs.1397.74 lakhs was collected.

Outstanding on Account of Forest Revenue

An amount of Rs.407.12 crores is outstanding on account of forest revenue at the end of the year 2018-19.

5.1.2 Expenditure:- The total expenditure incurred during the year was Rs.569.88 crores.

5.1.2.1 Outlay and Expenditure:-The outlay and expenditure during 2017-18 and 2018-19 are given below

Table 45 - Outlay and Expenditure (Rs. in crores)

Schemes	2017-18		2018-19	
	Outlay	Expenditure	Outlay	Expenditure
State sector	238.40	163.25	205.75	121.41
Central sector	68.85	24.33	100.19	50.28
EAP	0.45	0.45	0.00	0.00
Total (Plan)	307.70	188.03	305.94	171.69
Non Plan	435.59	399.12	418.85	398.20
Grand Total	743.29	587.15	724.79	569.89

The Plan expenditure under forestry sector during 2018-19 was Rs.171.69 crores, which is 56.12% of the total plan outlay. Out of this, state sector accounted an expenditure of Rs.121.41 crores and the expenditure for central sector was Rs.50.28 crores.

Developments under 13th Five Year Plan

The year 2018-19 was the second year of the 13th Five Year Plan. The target and achievement for the period is given below

Table 46 - Target and Achievement during XIII Five Year Plan
(Rs. in Crores)

Year	Target	Achievement
2017-18	307.70	188.03
2018-19	305.94	171.69

5.1.1.2 Outlay and Expenditure under Plan Schemes

During 2018-19, an expenditure of Rs. 17168.573 lakhs was incurred against the budget provision of Rs. 30593.948 lakhs. Details of budget head wise allotment and expenditure given below.

Table 47 - Achievements on Plan Schemes (Financial) during 2018-19

Sl. No.	Scheme & Head of Account	Financial (Rs. in lakhs)	
		Budget Outlay	Expenditure
1	2	3	4
A. State Sector Schemes			
I	Management of Natural Forests		
1	Forest Protection (2406-01-101-81)	2650.000	2596.043
2	Forest Protection (Survey of Forest Boundaries & Forest Protection) (4406-01-101-99)	2800.000	1783.095
3	Regeneration of Denuded Forests (2406-01-101- 94)	100.000	75.007
4	Non-wood forest produce including Promotion of medicinal plants (2406-01-101-80)	195.000	159.029
Sub Total		5745.000	4613.174
II	Improving Productivity of Plantations		
1	Hard Wood Species (4406-01-105-87)(1)	650.000	459.952
2	Industrial Raw Materials (4406-01-105-87)(2)	800.000	463.357
Sub Total		1450.000	923.309
III	Infrastructure Development		

Sl. No.	Scheme & Head of Account	Financial (Rs. in lakhs)	
		Budget Outlay	Expenditure
1	Roads (4406-01-070-99)	500.000	288.370
2	Buildings (4406-01-070-97)	700.000	517.505
Sub Total		1200.00	805.875
IV	Bio- diversity Conservation and PA Management		
1	Conservation of Biodiversity (2406-02-110-68)	700.000	551.545
2	Eco Development Programme (2406-02-110-56)	350.000	263.915
Sub Total		1050.00	815.460
V	Eco-Tourism (4406-01-800-91)	935.000	657.585
VI	Human Resource Development		
1	Training (2406-01-003-97)	395.000	392.153
VII	Resource Planning & Research (2406-01-004-92)	250.000	239.974
VIII	Forest Management Information & GIS (2406-01-800-57)	150.000	146.738
IX	Extension Community Forestry & Agro Forestry (2406-01-800-55)		
1	(01) Extension Forestry	1400.000	1087.461
X	Works with assistance from RIDF (4406-01-800-90)	5000.000	797.286
XI	Measures to reduce Man Animal Conflict (2406-01-800-56)	2000.000	1399.348
XII	Zoological Park, Wildlife Protection and Research Centre, Puthur (2406-02-110-48)	500.000	262.261
XIII	Zoological Park Wildlife Protection and Research Centre, Puthur (2406-02-110-97)	500.000	0.000
Sub Total (A)		20575.000	12140.624
B. Schemes with Central Assistance (60% CSS)			
i	Sanctuaries		
1	Neyyar Wildlife Sanctuary (2406-02-110-39)(01)	71.270	66.059
2	Wayanad Wildlife Sanctuary (2406-02-110-39)(02)	104.680	87.566
3	Idukki Wildlife Sanctuary (2406-02-110-39)(03)	70.000	62.894
4	Peechi-Vazhani Wildlife Sanctuary (2406-02-110-39)(04)	62.500	62.500
5	Wildlife Sanctuary – Peppara (2406-02-110-39)(05))	45.640	45.863
6	Wildlife Sanctuary – Schendurney (2406-02-110-39)(6)	59.790	59.099
7	Wildlife Sanctuary -Chimmony (2406-02-110-39) (7)	77.640	77.640
8	Wildlife Sanctuary – Aralam	75.000	66.884

Sl. No.	Scheme & Head of Account	Financial (Rs. in lakhs)	
		Budget Outlay	Expenditure
	(2406-02-110-39) (8)		
9	Wildlife Sanctuary – Chinnar (2406-02-110-39) (09)	67.500	53.164
10	Bird Sanctuary at Thattekkad (2406-02-110- 39)(10)	52.500	44.018
11	Mangalavanam Bird Sanctuary (2406-02-110- 39)(11)	35.000	6.400
12	Kurinjimala Sanctuary (2406-02-110-39)(12)	22.500	16.497
13	Chulannur Peacock Sanctuary (2406-02-110- 39)(13)	30.000	12.404
14	Malabar Wildlife Sanctuary (2406-02-110-39)(14)	35.000	28.293
15	Kottiyoor Wildlife Sanctuary (2406-02-110- 39)(15)	52.500	22.478
	Sub Total	861.520	711.759
ii	National Parks		
1	Eravikulam National Park (2406-02-110-38)(01)	74.460	63.283
2	Silent Valley National Park(2406-02-110-38)(02)	103.160	103.160
3	Anamudi Shola National Park (2406-02-110- 38)(03)	27.500	23.162
4	Mathikettan Shola National Park (2406-02-110- 38)(04)	27.500	20.814
5	Pampadum Shola National Park (2406-02-110- 38)(05)	28.710	27.841
	Sub Total	261.330	238.260
iii	Community Reserve		
1	Integrated Development of Wildlife Habitats Management of Community Reserve(2406-02-110-37)(01)	10.580	10.580
	Sub Total	10.580	10.580
iv	Project Tiger		
1	Project Tiger Periyar Tiger Reserve (2406-02-110-36)(01)	825.000	693.593
2	Project Tiger Parambikulam Tiger Reserve (2406-02-110-36)(02)	550.000	438.178
	Sub Total	1375.000	1131.771
v	Project Elephant(2406-02-110-35)	723.720	672.34
vi	Forest Fire Prevention Management Scheme (FPMS) (2406-01-800-53)	437.500	357.359
vii	Integrated Development of Wildlife Habitat (Protection of Wildlife Outside Protected Areas	557.448	240.380

Sl. No.	Scheme & Head of Account	Financial (Rs. in lakhs)	
		Budget Outlay	Expenditure
	(2406-02-110-52))		
viii	Nilgiri Biosphere Reserve(2406-02-110-34)	355.250	90.862
ix	Agasthyamala Biosphere Reserve (2406-02-110- 33)	355.250	97.559
x	Wetland Conservation(2406-02-110-32)	128.520	127.458
xi	Integrated Development of Wildlife Habitats to Wayanad Wildlife Sanctuary for Voluntary Relocation of Settlements from Protected Areas (2406-02-110-31)	1350.000	1350.000
xii	National Afforestation Programme (2406-01-102- 86)	3602.830	0.000
	Sub Total (B)	10018.948	5028.329
C	Externally Aided Project(EAP)		
1	Conservation & Rural Livelihood Improvement Project(2406-02-110-41)	0.000	0.000
	Sub Total (C)	0.000	0.000
	Grand Total (A+B+C)	30593.948	17168.953

5.1.1.3 Outlay and Expenditure under Non-Plan Schemes

An expenditure of Rs. 39820.143 lakhs was incurred against the budget provision of Rs. 41885.360 lakhs during 2018-19. Details of budget head wise allotment and expenditure are shown in below table.

Table 48 - Achievements on Non-plan Schemes (Financial) during 2018-19

Sl. No.	Scheme & Head of Account	2018-2019 (Rs. in Lakhs)	
		Outlay	Expenditure
I	Direction & Administration (2406-01-001)		
1	Office of the Chief Conservator of Forests (2406-01-001-99)	1624.680	1421.716
2	Office of the Conservator of Forests (2406-01-001-98)- Circle Office	742.570	741.598
3	Working Plan & Research Circle (2406-01-001-97)	75.900	52.031
4	Vigilance & Evaluation Wing (2406-01-001-96)	1697.330	1558.801

Sl. No.	Scheme & Head of Account	2018-2019 (Rs. in Lakhs)	
		Outlay	Expenditure
5	District Offices (2406-01-001-95)	13371.870	13309.448
6	Statistical Cell (2406-01-001-94)	5.520	1.286
7	Timber Sales Division (2406-01-001-93)	662.680	672.872
8	FD Fund Collection of add. tax on sales of Forest Produce (2406-01-001-92)	0.010	0.000
Sub Total		18180.560	17757.752
II	Education & Training (2406-01-003)		
1	Training (2406-01-003-99)	414.400	339.146
Sub Total		414.400	339.146
III	Forest Research (2406-01-004)		
1	Forest Research & Training (2406-01-004-99)	60.980	60.193
2	Payment out of the KFDF for Forest Research (2406-01-004-95)	80.000	79.977
Sub Total		140.980	140.170
IV	Survey and Utilization of Forest Resources (2406- 01-005)		
1	Forest Resources Survey(2406-01-005-99)	49.450	54.296
2	Survey of Forest Boundaries (2406-01-005-98)	187.990	202.468
Sub Total		237.440	256.764
V	Statistics (2406-01-013)		
1	Planning & Statistical Cell (2406-01-013-99)	203.140	170.630
Sub Total		203.140	170.630
VI	Communication & Buildings (2406-01-070)		
1	Roads & Bridges (2406-01-070-99)	56.000	19.217
2	Buildings (2406-01-070-98)	92.510	71.181
Sub Total		148.510	90.398
VII	Forest Conservation Development & Regeneration (2406-01-101)		

Sl. No.	Scheme & Head of Account	2018-2019 (Rs. in Lakhs)	
		Outlay	Expenditure
1	Forest Consolidation & Acquisition of Private Forests(2406-01-101-99)	4148.070	3926.796
2	Working Plans, Evaluation Survey, etc. (2406-01-101-98)	2.500	1.500
3	Silvicultural Works (2406-01-101-97)	8.000	7.941
4	Fire Protection Work (2406-01-101-96)	19.880	15.582
5	Compensatory Afforestation(2406-01-101-92)	10.000	1.687
6	Amount met out of KFDF for Planting Softwood Trees (2406-01-101-91)	400.000	360.483
7	Transfer to the fund for TEAK under the Kerala Forest Revolving Fund for Teak and Pulpwood Rules,1999 (2406-01-101-90)	1028.000	908.664
8	Transfer to the fund for PULPWOOD under the Kerala Forest Revolving Fund for Teak and Pulpwood Rules,1999(2406-01-101-89)	480.750	393.244
9	Forest Protection (2406-01-101-81)	5005.950	4822.360
Sub Total		11103.150	10438.257
VIII	Social & Farm Forestry (2406-01-102)		
1	Plantation of fast growing species (2406-01-102-99)	424.120	382.858
2	Ecology Development World Bank Assisted Social Forestry (2406-01-102-98)	2795.030	2647.570
3	Ecology Development World Bank Assisted Social Forestry, Phase-II (2406-01-102-92)	177.920	143.192
Sub Total		3397.070	3173.620
IX	Forest Produces (2406-01-105)		
1	Timber & Other Produces removed by Govt. Agencies (2406-01-105-99)	2500.000	1973.226

Sl. No.	Scheme & Head of Account	2018-2019 (Rs. in Lakhs)	
		Outlay	Expenditure
2	Firewood & Charcoal removed by Govt.Agencies (2406-01-105-98)	10.000	1.843
3	Other Produce removed by Govt. Agencies(2406-01-105-97)	0.080	0.000
4	Timber & Other Produces removed by Consumer (2406-01-105-96)	0.070	0.000
5	Confiscated Forest Produce, Drift wood, etc. (2406-01-105-95)	1.150	0.230
6	Livestock (2406-01-105-94)	500.000	487.629
7	Miscellaneous Advance Suspense (2406-01-105-93)	31.630	0.000
8	Teakwood (2406-01-105-92)	1059.770	1123.525
9	Softwood (2406-01-105-91)	101.220	107.697
Sub Total		4203.920	3694.150
X	Other Expenditure (2406-01-800)		
1	Forest Publicity(2406-01-800-98)	69.900	68.062
2	Forest Protection(2406-01-800-95)	1.000	0.000
3	Intensification of Forest Management (2406- 01-800-93)	390.000	221.350
4	Relief to Victims Affected by the Attack of Wild Animals(2406-01-800-92)	179.750	376.323
5	Rewards to Informants (2406-01-800-91)	0.500	0.105
Sub Total		641.150	665.840
XI	Wildlife Preservation (2406-02-110)		
1	Wildlife Preservation (2406-02-110-99)	2291.510	2201.231
2	Periyar Tiger Reserve Project (2406-02-110-93)	319.570	266.803
3	Eco-Development Global Environmental Facilities(2406-02- 110-69)	102.890	91.018
4	Conservation of Bio-diversity (2406-02-110-68)	501.050	534.364

Sl. No.	Scheme & Head of Account	2018-2019 (Rs. in Lakhs)	
		Outlay	Expenditure
Sub Total		3215.020	3093.416
XII	LAC ADS (4406-01-101)		
1	Projects under Legislative Assembly Constituency Asset Development Scheme(4406-01-101-97)	0.010	0.000
Sub Total		0.010	0.000
XIII	EFL (4406-01-102)		
1	Acquisition Charges of land notified as EFL under the Kerala Forest (Vesting & Management of EFL) Act 2003 (4406-01-102-96)	0.010	0.000
Sub Total		0.010	0.000
Grand Total		41885.360	39820.143

Note: - Since the reconciliation process of the Financial Year 2018-19 was not completed, figures given in tables 5.5 and 5.6 are as per the report of Accountant General.

5.1.2.4 Funds received directly from Government of India:-

The scheme-wise funds received directly from Government of India and the expenditure incurred during 2018-19 are given below.

Table 49 - Expenditure on funds received directly from the Govt. of India

Scheme	Amount Released during 2018-19 (Rs. in lakhs)	Expenditure Incurred (Rs. in Lakhs)
CAMPA	2261.00	1158.72

Note: APO for the year 2016-17 to 2018-19 were approved by State CAMPA Steering Committee meeting held on 06.02.2018 and was sent to Adhoc-CAMPA for release of funds. Accordingly, an amount of Rs. 22.61 crore for the Financial Year 2016-17 & 2018-19 was released during the year 2018-19.

5.2 WORKS DONE FOR OTHER DEPARTMENTS/AGENCY

The Expenditure incurred for the works done during the year for other Government Departments, autonomous bodies, local bodies or agencies are given in table 50

Table 50 - Work done for other Government Departments and Agencies

Sl. No.	Source	Beneficiary Circle/ Division	Purpose	Expenditure (Rs. In lakhs)
1	Petronet LNG Ltd	Social Forestry Eranakulam	Mangrove Afforestation	2.18
2	Petronet Ltd	Social Forestry Palakkad	Fixing Bamboo Tree guards	4.55

CHAPTER 6

INFRASTRUCTURE

Better infrastructure facilities are necessary for the effective protection and conservation of Forests as well as sustainable utilization of Forest resources. During the year 2018-19, an expenditure of Rs. 517.505 lakhs was incurred on construction of new buildings and repairs of existing buildings. The construction of new roads and improvement and maintenance of old ones were undertaken at an estimated cost of Rs. 288.370 lakhs during the year. The cost of works including infrastructure facilities under NABARD -RIDF scheme was Rs. 797.286 lakhs.

6.1 ROADS

The details of various types of roads maintained by the Forest Department as on 31.03.2019 are shown below.

Table 51 - Roads that are maintained as on 31.03.2019

S.No.	Type of Road	Length (km)
1	Cement Concrete	38.583
2	Black Topped	475.072
3	Metalled	884.563
4	Earthen Road (Un-Surfaced)	3447.448
Total		4845.666

Of the **4845.666 km**, the length of Motorable Road is 4145.470 km and that of non- Motorable Road is 700.196 km.

6.2 BUILDINGS

A total of 3260 numbers of buildings had been maintained in the Forest Department as on 31.03.2019. The details are given in Table

Table 52 - Buildings as on 31.03.2019

Sl. No.	Type of building	No.
1	Office Buildings	327
2	Rest Houses / Government Cottages/IB	66
3	Quarters	
	a) Type VI	23
	b) Type V	16
	c) Type IV	58
	d) Type III	204
	e) Type II	673
	f) Type I	372
	g) Other quarters	167
4	Dormitories	90
5	Community Halls	39
6	Forest Stations and Associated buildings	138
7	Other Buildings	1087
	Total	3260

6.3 VEHICLES

Forest Department has 758 government vehicles of various kinds for multiple uses by the department. Of these, 658 were in running condition and 100 vehicles were not in a running condition. The detailed list is given below.

Table 53 - Vehicles as on 31.03.2019

Sl. No.	Vehicles	No. of Vehicles		Total Number of Vehicles
		In running condition	Not in running condition	
1	2	3	4	5
1	Alpha Pick- up	1	1	2
2	Ambulance	1	0	1
3	Ambassador Car/Other Cars	32	14	46
4	Boat	28	3	31
5	Bolero	105	7	112
6	E Rickshaw	1	0	1
7	Ford Fiesta	1	0	1
8	Gurkha Explorer	1	0	1
9	Innova	34	0	34
10	Invader	9	1	10
11	Lorry/ Mini Lorry	5	1	6
12	Mahindra Jeep	150	30	180
13	Mahindra Thar / Camper	104	1	105
14	MahindraXylo/ XUV/Scorpio	35	0	35
15	Maruti Gypsy	1	0	1
16	Mini Bus/Bus	19	1	20
17	Mini Van – Tata Ace Magic	0	2	2
18	Motor Cycle	115	39	154
19	Scorpio Getaway	7	0	7
20	Tata Winger	3	0	3
21	Toyota Qualis	6	0	6
	Total	658	100	758

6.3.1 Purchase of New Vehicles

During 2018-19, the Department purchased 16 Mahindra Thar, 5 Scorpio Getaway and 20 Scorpio S5 vehicles.

6.4 ARMS & AMMUNITION

Necessary Arms & Ammunition had been provided to the Divisional Forest Officers, Range Forest Officers and Forest Station staffs in vulnerable areas for effective protection of forests and wildlife. The details as on 31-03- 2019 are given below.

Table 54 - Arms & Ammunition as on 31.03.2019

Sl.No	Circle/Office	No. of Rifles	No. of Revolvers	No. Of Gun/ Pump Action Gun	No. of Tranquilizers	No. of Ammunition (Cartridges& Bullets)
1	Southern Circle, Kollam	28	10	5	0	305
2	High Range Circle, Kottayam	59	13	9	0	503
3	Central Circle, Thrissur	37	10	0	0	218
4	Eastern Circle, Palakkad	50	8	0	0	789
5	Northern Circle, Kannur	28	5	3	1	736
6	Agasthyavanam Biological Park, Thiruvananthapuram	13	7	0	0	1358
7	Field Director Project Tiger, Kottayam	93	19	69	0	2360
8	Wildlife, Palakkad	75	15	0	0	1958

Sl.No	Circle/Office	No. of Rifles	No. of Revolvers	No. Of Gun/ Pump Action Gun	No. of Tranquilizers	No. of Ammunition (Cartridges& Bullets)
9	Inspection & Evaluation, Kottayam	15	6	0	0	301
10	Inspection & Evaluation, Kozhikode	16	8	0	0	386
11	Estate Office, Forest HQs, Thiruvananthapuram	10	0	0	0	4065
	Total	424	101	86	1	12979

CHAPTER 7

GENERAL

7.1 DEPARTMENTAL PUBLICATIONS

During the year 2018-19, the Forest Information Bureau published six issues of the magazine 'Aranyam'. The FIB also published a booklet highlighting the notable achievements of the Government, General Dairy, Forest Guide 2019, a book on 'Ocean Species', a guide on 'Forest Produce and its GST' and Forest Statistics-2018.

7.2 ADALATS

During the year 2018-19, Adalats were held at various offices to attend to the pending issues and clear the files relating to the subjects such as General issues, Forest Offence cases, completion reports, pending Pension cases and Local Audit Report (LAR) etc.

7.3 SEMINARS, CONFERENCES AND WORKSHOPS

In Southern Circle Kollam, various awareness campaigns to manage forest fires and workshop for the preparation of fire management plan were conducted.

In High Range Circle, Kottayam, rallies, Seminar and awareness campaigns related to Forest Fire Protection were conducted. Workshop on bird watching and bird survey was conducted for the Protective Staff and Watchers. A study regarding, "Ways to reduce human - wildlife conflict through change in land use pattern." was conducted at Anakulam Range.

In Central Circle, Trissur Nature Camps, Medical Camps, Anti-plastic campaign, Awareness classes on fire protection and Human-Wildlife conflict were conducted. In Eastern Circle, Palakkad Nature Camps was conducted for public and students, Conference on fire crisis management, Training on GEM and a Symposium on Asian Elephant were conducted.

In Northern Circle, Kannur, Nature Camps, fire awareness class,

Medical Camps, a seminar on bio-diversity conservation and an awareness camp on snake rescue were conducted. In FDPT, Kottayam, conducted fire awareness campaigns, media camp, Environment day celebration, medical camp and awareness classes as part of Wildlife week celebration were conducted.

In Eastern Circle, Palakkad Nature Camps was conducted for public and students, Conference on fire crisis management, Training on GEM and a Symposium on Asian Elephant were conducted.

In Social Forestry Circle, Kollam, Wildlife week celebrations and fire awareness campaigns were conducted in all the Social Forestry Divisions. Felicitated 'Maramuthassi', who was awarded with 'Vanamithra' award. Awareness programme was conducted on the conservation of mangroves for the students of SKD, UP School, Arattupuzha and for the local people of Thrikkunnapuzha Panchayaths. Incentives were distributed to the owners of selected Sacred Groves for encouraging their conservation. Forestry club, Turtle Conservation, Kuruvikkoru koodu, Citizen's Conservation programme and Bird conservation were the other programs which were conducted during the reporting period.

In Social Forestry Circle, Kozhikode, Nature camps, Seminars, Nature awareness classes, Environmental Day celebrations, workshops and film shows were conducted. In Social Forestry Circle, Ernakulam, Nature Camps, Fire Awareness classes, World Environment Day celebration, Wildlife week celebrations, seminars, etc., were conducted.

In Wildlife Circle, Palakkad, fire awareness rally was conducted at Parambikulam Tiger reserve. As a part of the Global Tiger Day (29th July) celebration, awareness programmes, Rally, Quiz Competition etc. were conducted. Other awareness programmes such as Anti-drug campaign and similar programs were organised on the eve of important days like World Environment Day, World Tourism Day, World Wildlife Day, World Forest Day, World Water Day, and Wildlife Week.

7.4 FAIRS AND EXHIBITIONS

During 2018-19, FDA Chalakudy participated in Trissur Pooram exhibition, other exhibitions held on the eve of the second anniversary of the Government, Bamboo fest, Janakeeyam fest at Eranakulam and school fest at Alappuzha. FDA Vazhachal participated in Bamboo fest at Eranakulam, Njattuvela fest and Thalikulam fest. FDA Malayattoor participated in Gadhika Fest at Kannur and Attingal, Sale-cum exhibition of NTFPs at Valliyoorkavu, in connection with the Festival at Valliyoorkavu temple.

Under Social Forestry Circle, Kollam, Fairs and Exhibitions were conducted by Social forestry Division, Kottayam, Pathanamthitta, Alapuzha.

7.5 IMPLEMENTATION OF THE RIGHT TO INFORMATION ACT, 2005 (RTI):-

The Right to Information Act, 2005 is being effectively implemented in the Department. As on 31.03.2019, out of the 2918 applications received, all were disposed. The details are furnished below.

Table 55 - Suo Motu disclosure under Section 4(1) (b)

No.of Public Authorities	No.of Public Authorities which published the 17 Manuals under Section 4(1)(b)	No.of Public Authorities which updated the 17 Manuals during the Year	No. of Public Authorities which displayed the 17 Manuals Online
1	0	0	1

Table 56 - Designation of Information Officers / Appellate Officers

No. of Public Authorities	No. of Public Information Officers Designated	No. of Assistant Public Information Officers Designated	No. of Appellate Officers Designated
1	330	0	115

Table 57 - Disposal of Applications by Public Information Officers

No. of Applications Pending at the end of Last Year	No. of Applications Received during the Year 2017-18	Total No. Applications	No. of Applications Disposed	No. of Applications Rejected disposal
12	2918	2930	2917	13

Table 58 - Number of Applications rejected by Public Information Officers

Total No. of Applications Rejected	Total No. of Applications Rejected Section 8	No. of Applications Rejected Under Section 11	No. of Applications Rejected Under Other Sections
13	5	4	4

Table 59 - Disposal of first appeals by Designated Appellate Officers

No. of first Appeals pending with Appellate Officers as on 31-03-19	No. of first Appeals preferred during the Year 2018-19	Total No. of first Appeals with Appellate Officers	No. of First Appeals disposed	No. of rejected appeals out of first appeal disposed	No. of First Appeals pending for more than 45 days
4	98	102	98	0	0

Table 60 - Penalties imposed and collected

Penalties imposed in Previous year pending for collection	Penalties imposed by Information Commission under Section 20(1)	Total	Details of Penalties Collected
Nil	Nil	Nil	Nil

Table 61 - Disciplinary action taken against officers in respect of administration of RTI Act

Details of disciplinary action recommended by Information Commission under Section 20 (2)	Details of disciplinary action taken based on recommendation of Information Commission	Other disciplinary actions taken (Other than those recommended by IC)
Nil	Nil	Nil

Table 62 - Summary costs, fees and charges collected by Public Authorities (in Rs)

Cost collected Section 4(4)	Fee collected Section 6(1)	Fee Collected Section 7(1)	Fee Collected Section 7(5)	Other charges collected	Total Collection
123	20574	26950	1344	593	49584

The list of State Public Information Officers and Appellate Authorities of the Department is given in *Annexure 3*.

7.6 THE SCHEDULED TRIBES AND OTHER TRADITIONAL FOREST DWELLERS (RECOGNITION OF FOREST RIGHTS) ACT, 2006

The Forest Rights Act, 2006 envisages recognition of rights of forest dependent communities. The Act recognise the rights of the forest dwelling Scheduled Tribes and the responsibility and authority for sustainable use, conservation of biodiversity and maintenance of ecological balance of dependent communities in terms of individual and community rights.

The Scheduled Tribes Development Department is the nodal agency in the Government of Kerala, entrusted with the task of implementation of the Forest Rights Act. Kerala Government had constituted a working group on 25-02-2008 for the constitution of various committees under the Act and for working out the modalities of implementation of the Act. The working group is also involved in assigning responsibilities to various Departments especially Forest and Wildlife, Revenue, Local Self Government and SC/ST Departments. The Forest Rights Act implementation process in the State is done through 511 Grama Sabhas, 14 Sub Divisional Level Committees and 12 District Level Committees.

- **Sub Division Level Committee**

RDO / Sub-Collector	-	Chairman
Range Forest Officer	-	Member
Tribal Extension Officer	-	Member

- **Division Level Committee(DLC)**

District Collector	-	Chairman
Divisional Forest Officer	-	Member
Range Forest Officer/ITDP/TDO	-	Member

- **State Level Committee(SLC)**

Chief Secretary	-	Chairman
Secretary, SCSTDD	-	Member
Secretary, F&WLD	-	Member
Secretary, LSGD	-	Member
Secretary, Revenue Dept	-	Member
Principal CCF	-	Member
Director, STDD	-	Member

Individual Right:- As described in the Act, right to hold and live in the forest land under an individual or common occupation for habitation or for self-cultivation for livelihood by a member or members of forest dwelling Scheduled Tribes or other Traditional forest dwellers. As on 31.03.2019, out of 26458 eligible individual claims passed by the District Level Committee (DLC), 25664 titles were issued.

Community Right:- It includes the right of ownership, access to collect; use and dispose of minor forest produce which has been traditionally collected within or outside village boundaries. As on 31.03.2019, out of 358 eligible claims passed by the District Level Committees, (DLC), 174 titles were issued.

Development Right:- Right to convert forest land up to a maximum of 1 ha for the purpose of facilitating schools, hospitals, water supply, etc. (such 13 developmental activities) managed by Government, provided felling of trees in the land should not exceed 75 trees per hectare. As on 31.03.2019, out of 620 claims have been passed by the Forest Department, 467 Development Rights have been issued for an area of 187 acres.

Table 63 - The Status of Implementation of RTS Act in 2018-19

	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19
No of applications received under RTS Act during the month	1534	1667	1419	1394	1102	1110	1484	1394	1523	1436	1281	1493
No of applications disposed within the time limit during the month	1423	1565	1357	1317	1050	1031	1406	1263	1466	1399	1201	1382
No of application disposed beyond the time limit	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
No of cases where penalty imposed on the designated officer	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
No of cases where appeal is filed	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
No of cases where second appeal is filed	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

7.7 INTERNAL CONTROL SYSTEM

As per the Public Accounts Committee's (PAC) recommendations in its 57th report (2001-2004), Internal Audits were conducted in offices of the Forest Department every year just before Accountant General's audit, in order to reduce the number of observations/audit paras. Since Internal Audit (IA) units were found not sufficient to meet the requirement, action has been taken to constitute one more unit of IA Wing. There are 450 paras pending in the department, as per the list of pending audit observations of the Accountant General during the year 2018-19. Four Apex committee meetings were conducted.

7.8 GRIEVANCE REDRESSAL CELL

A Grievance Redressal Cell is functioning in the Department for dealing with the complaints received from the Public and Staff. Consequent to the directions of the Hon'ble Supreme Court, an Internal Complaint Committee in connection with 'Sexual Harassment against Women at work places' has been formed at Headquarters vide Order No. E6 28827/2004 dated: 26.02.2008 of the Principal Chief Conservator of Forests. This Committee has the right to receive complaints from employees of the Department regarding sexual harassment at work place, conduct enquiry on the complaints received, to take necessary decision on the complaints received and to submit recommendations to the Head of the Department. The details of the committee are as follows

Table 64 - Details of Grievance Redressal Cell as on 30.03.2019

Sl.No.	Name and Designation	Position in the committee
1	Smt. N. Maya, IFS Deputy Conservator of Forests O/o Additional Principal Chief Conservator of Forests (Administration), Forest Head Quarters, Thiruvananthapuram	Chairperson
2	Adv. Rakhi Ravikumar Deputy Mayor and Councillor, Vazhuthacaud Ward Municipal Corporation of Thiruvananthapuram	Member
3	Sri. K. N. Syam Mohan Lal Deputy Conservator of Forests (Administration), Forest Head Quarters, Thiruvananthapuram	Member
4	Smt. Susan Gopi Senior Administrative Officer O/o APCCF(Administration), Forest Head Quarters, Thiruvananthapuram	Member
5	Smt. Sujaya Senior Clerk O/o CF(ABP) Forest Head Quarters, Thiruvananthapuram	Member
6	Smt. Swathi Suresh, Senior Clerk, O/o APCCF (Administration), Forest Head Quarters, Thiruvananthapuram	Member

7.9 IMPLEMENTATION OF OFFICIAL LANGUAGE ACT

Malayalam has been declared as the official language of the state of Kerala, vide G.O. No. 7223/OL3/85/P and ARD, dated: 1.09.1985. However, the same could not be implemented completely within the KFD. Efforts have been made to use Malayalam as official language fully and all Staff of the Department are been working earnestly in this direction. All official communications are being carried out in Malayalam to the maximum extent. Instructions regarding the preparation of Orders pertaining to transfer/promotion, Proceedings,

Circular, etc. in Malayalam are being implemented. Direction has been given to all employees to prepare their leave applications in Malayalam. All public notices are invariably prepared in Malayalam and name boards on all Department vehicles are being written in Malayalam. It has been decided to use the open source software viz; 'Kaveri' in all offices of the Forest Department. Senior Administrative Officer of the Department has been entrusted with the role of Nodal Officer for supervising the progress in this regard. A translation cell has been constituted vide G.O (Ms) No.19/83/P and ARD dated: 16.07.2003, to translate the Codes, Manuals, Rules, forms, etc. of the Department.

7.10 COMPUTERISATION

Computerisation was successfully achieved up to the Range/Depot level in the department. The Department has supplied necessary Computers and accessories up to Range/Depot level Offices. The Department has hosted a website (www.forest.kerala.gov.in) which contains information about KFD, serving as a link between the Department and the public.

7.11 NATIONAL FOREST SPORTS MEET 2018-19

24th All India Forest Sports and Games Meet was conducted during January 2019 at Raipur, Chhattisgarh. The all-round performance of the Kerala contingent in the sports meet was very satisfactory. The total expenditure for the sports meet was Rs.16.05 lakhs incurred from the Budget Head 2406-01-003-97HRD. Kerala bagged 4th place with 26 Gold, 20 Silver and 21 Bronze Medals and overall score of 240 points in the 24th All India Forest Sports and Games Meet.

7.12 ACHIEVEMENTS OF THE KERALA FOREST DEPARTMENT DURING 2018-19

7.12.1 E-Governance Award

Kerala State Forest Department bagged the second position in the State e-Governance Award



Figure 1 - Head of Forest Force received e-Governance award from Honorable Chief Minister

7.12.2 Online Booking for Eco-tourism Center

Online Ticket Booking facility was started for the visitors visiting various Ecotourism destinations in the State



Ecotourism website launch by Tourism Minister Kadakampally Surendren at minister's Chamber

7.12.3 E-Database for Captive Elephants

A Comprehensive information system of all registered Captive Elephants has been prepared along with their DNA profile. With this step, Kerala has become the first State in the country having a detailed database of all the Captive Elephants in the State. The details of all 519 Captive Elephants are available in this data base. The DNA profiling was done with the technical support of Rajiv Gandhi center for Biotechnology.



7.12.4 State Butterfly

'Budha Mayoori' has been proclaimed as the official Butterfly of Kerala State. Kerala is the fourth State in *India*, which has officially declared the State Butterfly.



7.12.5 Elephant Rehabilitation Centre, Kotoor

Foundation stone was laid for the country's first International Elephant Rehabilitation Centre at Kotoor, Thiruvananthapuram. The cost of this project is Rs.105 crores and it is expected to be completed by October 2021. After the completion, the rehabilitation can house up to 50 Elephants.

7.12.6 Forest Museum at Kulathupuzha

Work of Forest Museum at Kulathupuzha under Thiruvananthapuram Division is in progress. 80% of the work has been completed. The proposed museum has a vision to develop into a world-class Forest Museum to provide education, training and entertainment to all sections of the society.

7.12.7 ISO Certificate to Anchal Forest Range Office

Anchal Forest Range Office of Pualur Forest Division received ISO certificate for outstanding administration and infrastructure. It is the first time that a Forest Range Office under Kerala Forest Department has obtained such a certificate.



7.12.8 Project Green Grass

Implementing successfully the Project Green Grass, a scheme introduced by the State as part of the recent floods occurred in the State to keep the forest areas clean and waste free.

7.12.9 Floods in Kerala during 2018

During the year 2018, from August 9th onwards, severe floods affected the State of Kerala, due to unusually high rainfall during the monsoon season. It was the worst of the floods that hit Kerala in nearly a century. During the flood, 483 people were reported dead, 14 were reported missing and many in thousands were injured. About a million people were evacuated, mainly from central Kerala. All 14 Districts of the State were placed under Red Alert. According to the Kerala Government, one-sixth of the total population of Kerala had been directly affected by the floods and related incidents. The Government of India had declared it as a Level 3 Calamity, or "Calamity of severe nature". It is the worst floods to have inundated Kerala after the great floods of 1099 ME [that took place in 1924 AD]. About 107.058 Crores of Damages and Loss were sustained by the department on account of recent heavy rains and floods.

The losses sustained by the Kerala Forest Department during the floods is enclosed as below.

Table 65- Damages and Loss Sustained on account of rain and floods -2018

Sl. No	Details of Damage	Territorial Circle					Wildlife Circle			Social Forestry Circle			Total (in Crores)
		SC	HRC	CC	EC	NC	ABP	FD (PT)	WL, PKD	KLM	EKM	KKD	
1	Damages to Roads, Bridges, Culverts	4	8	3	3	2	5.35	5.53	7.3				38.18
2	Damages to Buildings, Compound wall, Camp Shed, Wireless Stations etc.	2	3	5	3	2	2.57	1.64	2.3				21.51
3	Elephant Proof Trench, Elephant Proof Wall, Solar Fencing etc.	1	2	3	3	3	0.57	1.86	0.75				15.18

Sl. No	Details of Damage	Territorial Circle					Wildlife Circle			Social Forestry Circle			Total (in Crores)
		SC	HRC	CC	EC	NC	ABP	FD (PT)	WL, PKD	KLM	EKM	KKD	
4	Landslide damages, Damages to Forest	1	3	2	4	2	-	-	-				12.00
5	Damages to plantations, Nurseries etc.	2	2	2	2	1.5	-	-	-	0.33	1.39	0.1	11.32
6	Restoration of Habitats	-	-	-	-	-	0.5	2.5	3	-	-		6.00
7	Damages to equipment's viz. Wireless, Computer, Solar Unit, Boat Engine	-	-	-	-	-	0.2	1.94	0.73				2.87
	Total	10	18	15	15	10.5	9.19	13.47	14.08	0.33	1.39	0.1	107.058

Kerala Forest Department had actively participated in the Rescue and Relief operations in various means as mentioned below:

- Nearly, 2600 Forest officials involved in the rescue operations and about 8850 personals were rescued.
- Constituted field teams in Forest Division level which helped to transport people to rescue camps, to provide food /drinkingwater/ medicines etc. to the trapped/ affected/ displaced families
- 39 flood relief camps were organized by the Department across the State and assisted 125 flood relief camps operated by other agencies/ Departments.
- 8 Control Rooms were operated by the Department during the period to co- ordinate rescue operations.
- The Department provided 803 Vehicles, Boats, Kuttavanchis, Bamboo rafts etc. and Ascalights.
- Supplied basic amenities like food, drinking water, medicines, textile to 131 affected tribal Settlements.

- Temporary maintenance of roads/bridges were done by the Department and provided temporary transportation facilities for the tribals.
- Medical camps were organized in all most all Settlements and fringe areas in collaboration with Health Department.
- In-addition to the above, an amount of Rs. 151.50 lakhs has been given to the Chief Ministers Disaster Flood Relief Fund by the SFDA.

Considering the endeavor put by Kerala Forest Department related to the rescue and relief operations, State Government appreciated the Department with 'BIG SALUTE'.



ANNEXURE I (a)

Division and Range wise details of Forest Stations

Sl No.	Division	Range	Forest station	
1	2	3	4	
1	Thenmala	Thenmala	1	Kadaman Para
2	Achankovil	Achancovil	2	Kumbhavuruthy
3	Punalur	Pathanapuram	3	Ambanar
			4	Punnala
			5	Ezhamkulam
4	Konni	Konni	6	Kumaramperoor (South)
			7	Kumaramperoor (North)
		Naduvathumoozhy	8	Kokkathodu
			9	Karippanthodu
			10	Padom
		Mannarappara	11	Chempala
			12	Mannarappara
5	Ranni	Ranni	13	Karikkulam
			14	Kanamala
			15	Rajampara
		Vadasserikkara	16	Chittar
			17	Gurunathanmannu
			18	Thannithodu
		Goodrikkal	19	Plappally
			20	Kochukoickal
			21	Pachakkanam
6	Kottayam	Nagarampara	22	Vazhathoppu
			23	Vairamony
		Ayyappancoil	24	Kanchiyar
		Erumeli	25	Murinjapuzha
			26	Vandanpathal
			27	Placherry
7	Kothamangalam	Thodupuzha	28	Velloor
8	Munnar	Munnar	29	Pettimudy
		Adimali	30	Machiaplavu

Sl No.	Division	Range	Forest station	
		Neriyamangalam	31	Panamkutty
			32	Nagarampara
			33	Inchathotty
			34	Valara
9	Marayoor	Marayoor	35	Marayoor
			36	Nachivayal
		Kanthalloor	37	Kanthalloor
			38	Vannanthura
10	Thrissur	Vadakkancherry	39	Erumapetty
			40	Poongodu
			41	Mayannoor
		Machad	42	Akamala
			43	Elanad
			44	Vazhani
		Pattikkad	45	Pattikkad
			46	Ponganamkad
			47	Mannamangalam
			48	Vaniyampara
11	Vazhachal	Charpa	49	Kannamkuzhy
		Vazhachal	50	Vazhachal
			51	Mukkumpuzha
		Kollathirumedu	52	Kollathirumedu
		Sholayar	53	Malakkappara
			54	Sholayar
		Athirappally	55	Athirappally
			56	Ezhattumugham
12	Chalakudy	Pariyaram	57	Konnakuzhy
			58	Chaippankuzhy
		Vellikulangara	59	Mupliyam
13	Malayattoor	Kodanadu	60	Perumthodu
			61	Erumukham
			62	Mekkappala
		Kalady	63	Karakkadu
			64	Kannimangalam

Sl No.	Division	Range	Forest station	
		Thundathil	65	Evergreen
			66	Bhothathankettu
			67	Karimpani
			68	Edamalayar
			69	Vadathuppara
		Kuttampuzha	70	Pooyamkutty
			71	Anakulam
		Edamalayar	72	Ennakkal
			73	Perumuzhy
14	Nemmara	Kollengode	74	Thekkady
		Nelliampathy	75	Nelliampathy
		Alathur	76	Mangalam dam
15	Mannarkkad	Mannarkkad	77	Palakkayam
			78	Mannarkkad
			79	Thiruvizhamkunnu
		Attappady	80	Pudur
			81	Mukkali
		Agali	82	Ommala
			83	Sholayar
			84	Singappara
16	Nilambur(South)	Karulai	85	Padukka
			86	Nedumkayam
		Kalikavu	87	Chakkikuzhi
			88	Karuvarakundu
17	Nilambur (North)	Edavanna	89	Akampadam
			90	Edacode
			91	Kodumpuzha
		Nilambur	92	Vaniyampuzha
			93	Kanjirapuzha
		Vazhikkadavu	94	Nellikuthu
			95	Pothukal
18	Wayanad (North)	Mananthavady	96	Makkiyad
		Begur	97	Thirunelly
			98	Thalapuzha

Sl No.	Division	Range	Forest station	
		Periya	99	Kunjom
			100	Varayal
19	Wayanad(South)	Chedleth	101	Irulam
			102	Vythiri
			103	Mundakkai
			104	Pulpal
20	Kozhikode	Peruvannamuzhy	105	Kakkayam
			106	Peruvannamuzhy
21	Munnar WL (Eravikulam)	Eravikulam NP	107	Chattamunnar
		Chinnar WS	108	Kambakkallu
			109	Karimutti
		Shola NP	110	Kadavari
22	Silent Valley	Bhavani	111	Anavai
			112	Thudukki
23	Periyar East	Vallakkadavu	113	Gavi
24	Periyar West	Pamba	114	Sannidhanam
			115	Mukkuzhi
			116	Pachakkanam
25	Peechi	Peechi	117	Olakara
26	Wayanad WL	Kurichiat	118	Vandikkadavu
			119	Kuppady
		Sulthanbathery	120	Naikatty
		Muthanga	121	Muthanga
			122	Thottamoola
		Tholpetty	123	Tholpetty
27	Aaralam WL	Aaralam	124	Narikadav

ANNEXURE I (b)

Division wise Number of Range Offices and Check Posts

Sl No.	Division	Range		Check Post	Whether Interstate or not(Y/N)
Southern Circle – Kollam					
1	Thiruvananthapuram	Paruthipally	1	Parassala	Y
		Kulathupuzha	2	Venkolla	N
		Palode	3	Mankayam	N
			4	Anappara	N
2	Thenmala	Thenmala	5	Neduvannurkadavu	N
		Aryankavu	6	Kottavasal(Aryankavu)	Y
3	Punalur	Pathanapuram	7	Karavoor	N
4	Achenkovil	Achenkovil	8	Kottavasal (Achenkovil)	Y
5	Konni	Konni	9	Athumpumkulam	N
		Naduvathumuzhy	10	Njanaval	N
			11	Padam	N
		Mannarappara	12	Mullumala	N
6	Ranni	Ranni	13	Laha(Rajam para)	N
		Goodrical	14	Kochandy	N
		Vadasserikkara	15	Vadasserikkara	N
High Range Circle – Kottayam					
7	Kottayam		16	Kumili	Y
			17	Cumbummettu	Y
		Erumeli	18	Pulluppara	N
			19	Vazhikadavu	N
8	Kothamangalam	Thodupuzha	20	Guruhikkalam	N
9	Munnar	Adimali	21	Panamkutty	N
		Neriyamangalam	22	Thalakkodu	N
		Devikulam	23	Bodimettu	Y
			24	Palar	N
10	Marayoor	Marayoor	25	Chattamunnar	N
		Kanthalloor	26	Pious Nagar	N
Central Circle – Thrissur					
11	Chalakydy	Pariyaram	27	Kappathodu	N
		Palappilly	28	Parakadavu	N

Sl No.	Division	Range		Check Post	Whether Interstate or not(Y/N)
		Vellikulangara	29	Mattathoor	N
12	Vazhachal	Chapra	30	Vazhachal	N
		Sholayar	31	Malakkappara	Y
13	Malayattoor	Kalady	32	Karakkad	N
			33	Kadappara	N
		Kuttampuzha	34	Thatttekadu	N
		Thundathil	35	Boothathankettu	N
Eastern Circle – Palakkad					
14	Nenmara	Nelliyampathy	36	Pothundi	N
			37	Gopalapuram	Y
		Kollengode	38	Meenakshipuram	Y
15	Palakkad	Walayar	39	Walayar	Y
16	Mannarkkad	Agali	40	Anakkatty	Y
			41	Keralamedu	Y
		Mannarkkad	42	Anamooly	N
			43	Inchikunnu	N
17	Nilambur (N)	Vazhikkadavu	44	Anamari	Y
18	Nilambur (S)	Karulai	45	Cherupuzha	N
Northern Circle – Kannur					
19	Kannur	Kottiyoor	46	Iritty	Y
20	Kasaragod	Kasargode	47	Thalappady	Y
			48	Kottayadi	Y
		Kanjangad	49	Panathur	Y
21	WayanadSouth	Meppadi	50	Choladi	Y
		Kalpetta	51	Lakkidy	N
22	Wayanad North	Peria	52	Niravilpuzha	
Wildlife Circle					
23	Thiruvananthapuram	Peppara	53	Kanithadam	N
24	Shenthurni	Shenthurni	54	Kattilpara	N
			55	Rosemala	N
25	Periyar East	Thekkady	56	Thekkady	N
		Periyar	57	Vellimala	N

Sl No.	Division	Range		Check Post	Whether Interstate or not(Y/N)
		Vallakadav	58	Anathodu	N
			59	Vallakkadavu	N
			60	Panchakkanam	N
26	Munnar	Eravikulam National Park	61	Rajamala	N
		Chinnar National Park	62	Chinnar	Y
			63	Karimutti	Y
		Shola National Park	64	Pambadum Shola	Y
			65	Methappu	N
27	Idukki	Idukki	66	Vanmavu	N
28	Wayanad	Muthanga	67	Muthanga	Y
			68	Pazhoor	Y
		Tholpetty	69	Tholpetty	Y
			70	Bavali	Y
		Kurichiyad	71	Kuppady (3 rd Mile)	N
29	Parambikulam	Sungam	72	Anappadi	Y
			73	Keerappadi	Y
		Orukomban	74	Thoothampara	N
30	Peechi	Chimmoni	75	Echippara	N

ANNEXURE 2

The e-mail addresses and phone/fax numbers of officers

Sl No.	Designation	Email ID	Phone	Fax	Office Mobile
1	Principal Chief Conservator of Forests	pccf.for@kerala.gov.in	0471-2339593	0471-2338808	9447979001
2	Principal Chief Conservator of Forests (SF)	pccf-sf.for@kerala.gov.in	0471-2325364	0471-2325364	9447979163
3	Principal Chief Conservator of Forests (WL) and Chief Wildlife Warden	cww.for@kerala.gov.in or pccf-dp.for@kerala.gov.in	0471-2321610	0471-2320554	9447979015
4	Additional Principal Chief Conservator of Forests (WP and R)	apccf-wp.for@kerala.gov.in	0471-2337545		9447979012
5	Additional Principal Chief Conservator of Forests (D and P)	apccf-dp.for@kerala.gov.in	0471-2337545		9447979004
6	Additional Principal Chief Conservator of Forests (Regional South)	apccf-sr.for@kerala.gov.in	0474-2741872	0474-2741872	9447979019
7	Additional Principal Chief Conservator of Forests (Regional North)	apccf-nr.for@kerala.gov.in	0495-2418400	0495-2415391	9447979002
8	Additional Principal Chief Conservator of Forests (Administration)	apccfadmin.for@kerala.gov.in	0471-2338491	0471-2338491	9447979000
9	Addl. Principal Chief Conservator of Forests(Development)	apccf-d.for@kerala.gov.in	0471-2337535	0471-2337538	9447979005
10	Addl. Principal Chief Conservator of Forests(Protection)	apccf-pro.for@kerala.gov.in	0471-2327804	0471-2327804	9447979012
11	Principal Chief Conservator of Forests (Vigilance and Forest Intelligence)	apccf-vig.for@kerala.gov.in	0471-2321583	0471-2321583	9447979008

Sl No.	Designation	Email ID	Phone	Fax	Office Mobile
12	Addl. Principal Chief Conservator of Forests(ED and Tw)	apccf-ed.for@kerala.gov.in	0471-2321847	0471 2321847	9447979008
13	Additional Principal Chief Conservator of Forests(IHRD)	apccf-ihrd.for@kerala.gov.in	0471-2362291	0471 2362291	9447979011
14	Additional Principal Chief Conservator of Forests (BDC)	apccf-bdc.for@kerala.gov.in	0471-2736327	0471 2736327	9447979090
15	Chief Conservator of Forests (FMIS)	apccf-fmis.for@kerala.gov.in	0471-2337548	0471 2337548	9447979005
16	Custodian of EFL	efl-ctdn.for@kerala.gov.in	0471-2529129		9447979016
17	Chief Conservator of Forests (SA and NO)	ccf-sa.for@kerala.gov.in	0471-2328347	0471 2328347	9447979022
18	Chief Conservator of Forests (Tribal Mission)	ccf-tm.for@kerala.gov.in	0471-2529129		
19	Chief Conservator of Forests (WP and R)	ccf-wp.for@kerala.gov.in	0471-2322767	0471 2332556	9447979110
20	Chief Conservator of Forests (TRC, Trivandrum)	ccf-trc.for@kerala.gov.in	0471-2365989		9447003500
21	Chief Conservator of Forests (Wildlife), Palakkad	ccf-wl-nr.for@kerala.gov.in	0491-2556393	0491 2554249	9447979100
22	Chief Conservator of Forests (SF), Kollam	ccf-sf-klm.for@kerala.gov.in	0474-2750336	0474 2765227	9447979012
23	Conservator of Forests (SF, Ernakulam)	ccf.sfctrl.for@kerala.gov.in	0484-2331448	0484 2331448	9447979017
24	Chief Conservator of Forests (SF, Kozhikkode)	ccf-sf-n.for@kerala.gov.in	0495-2418500	0495 2418500	9447979018
25	Chief Conservator of Forests (Southern Circle)	ccf-sc.for@kerala.gov.in	0474-2742660	04742-742010	9447979030
26	Chief Conservator of Forests (High Range Circle)	ccf-hrc.for@kerala.gov.in	0481-2312448	0481 2312591	9447979040
27	Chief Conservator of Forests (Central Circle)	ccf-cc.for@kerala.gov.in	0487-2423189	0487 2423189	9447979050
28	Chief Conservator of Forests (Eastern Circle)	ccf-ec.for@kerala.gov.in	0491-2555389	0491 2552938	9447979060
29	Chief Conservator of Forests, Northern Circle	ccf-nc.for@kerala.gov.in	0497-2760394	0497 2704911	9447979070

Sl No.	Designation	Email ID	Phone	Fax	Office Mobile
30	Chief Conservator of Forests, Agasthyavanam Biological Park	ccf-abp.for@kerala.gov.in	0471-2325385	0471-2325385	9447979080
31	Field Director, Project Tiger	Cf-fdpt.for@kerala.gov.in	0481-2311740	0481-2311741	9447979090
32	Conservator of Forests (I and E, Northern Region)	cf-ie-nr.for@kerala.gov.in	0495-2416800	0495-2416800	9447979120
33	Conservator of Forests (I and E, Southern Region)	cf-ie-sr.for@kerala.gov.in	0481-2312402	0481-2312402	9447979110
34	Divisional Forest officer, Punalur Division	dfo-pnlr.for@kerala.gov.in	0474-2222621		9447979034
35	Divisional Forest officer, Ranni Division	dfo-ranni.for@kerala.gov.in	0476-5227558		9447979035
36	Divisional Forest officer, Konni Forest Division	dfo-kni.for@kerala.gov.in	0468-2242233	0468-2242391	9447979033
37	Divisional Forest officer, Thenmala Division	dfo-then.for@kerala.gov.in	0475-2344521		9447979037
38	Divisional Forest officer, Thiruvananthapuram Division	dfotrivandrum@gmail.com	0471-2320637		9447979038
39	Divisional Forest officer, Achenkovil Division	dfo.akvl.for@kerala.gov.in	0475-2342315		9447979032
40	Divisional Forest officer, Punalur Timber Sales Division	dfo.ts.pnlr.for@kerala.gov.in	0475-2222617	0475-2222617	9847021389
41	Divisional Forest officer, Thiruvananthapuram Timber Sales Division	dfo-ts-tvm.for@kerala.gov.in	0471-2360166	0471-2360166	9847021370
42	Divisional Forest officer, Kottayam Division	dfo-ktym.for@kerala.gov.in	0481-2562276	0481-2562276	9447979043
43	Divisional Forest officer, Mankulam Division	dfo-mklm.for@kerala.gov.in	0486-4223915		9447979044
44	Divisional Forest officer, Marayoor Division	dfo-mryr.for@kerala.gov.in	0486-5252988		9447979047

Sl No.	Designation	Email ID	Phone	Fax	Office Mobile
45	Divisional Forest officer, Munnar Division	dfo-mnr.for@kerala.gov.in	0486-5264237	04865 264327	9447979045
46	Divisional Forest officer, Kothamangalam Division	dfo-kglm.for@kerala.gov.in	0485-2822317	0485 2822317	9447979042
47	Divisional Forest officer, Kottayam Timber Sales Division	dfo-ts-ktym.for@kerala.gov.in	0481-2312008		8547600411
48	Divisional Forest officer, Thrissur Division	dfo-tsр.for@kerala.gov.in	0487-2361268	0487 2361268	9447979054
49	Divisional Forest officer, Vazhachal Division	dfo-vzcl.for@kerala.gov.in	0480-2701713	0480 2701713	9447979055
50	Divisional Forest officer, Chalakudy Division	dfo.clkdy.for@kerala.gov.in	0480-2701340		9447979052
51	Divisional Forest officer, Malayattur Division	dfo-mytr.for@kerala.gov.in	0484-2649052	0484 2649052	9447979053
53	Divisional Forest officer, Palakkad Division	dfo-plkd.for@kerala.gov.in	0491-2555156	0491 2555156	9447979067
54	Divisional Forest officer, Nemmara Division	dfo-nenmara.for@kerala.gov.in	0492-3243179	0492 3243179	9447979062
55	Divisional Forest officer, Nilambur (North) Division	dfo-nlbrn.for@kerala.gov.in	0493-1220232	04931 220232	9447979064
56	Divisional Forest officer, Nilambur (South) Division	dfo-nlbrs.for@kerala.gov.in	0493-1220392	0493 1220392	9447979065
57	Divisional Forest officer, Mannarkad Division	dfo.mnkд.for@kerala.gov.in	0492-4222574		9447979066
58	Divisional Forest officer, Palakkad Timber Sales Division	dfo-ts-plkd.for@kerala.gov.in	0491-2555800		9447979175
59	Divisional Forest officer, Kannur Division	dfo-knr.for@kerala.gov.in	0497-2704808	0497 2704808	9447979072
60	Divisional Forest officer, Kozhikode Division	dfo.kozh.for@kerala.gov.in	0495-2374450	0495 2374450	9447979073
61	Divisional Forest officer, Wayanad (North) Division	<u>dfo</u> <u>wyndn.for@kerala.gov.in</u>	0493-5240233	04935 246902	9447979074

Sl No.	Designation	Email ID	Phone	Fax	Office Mobile
62	Divisional Forest officer, Wayanad (South) Division	dfowynds.for@kerala.gov.in	0493-6203428	04936 2074469	9447979075
63	Divisional Forest officer, Kozhikkode Timber Sales Division	dfo-ts-kzkd.for@kerala.gov.in	0495-2414702		9447979009
64	Director, State Forest Training Institute, Aripa	pr.arippa.for@kerala.gov.in	0475-2312080		9447979171
65	Director, State Forest Training Institute, Walayar	pr.wlyr.for@kerala.gov.in	0491-2862260	0491 2862260	9447979172
66	Deputy Director, Periyar Tiger Reserve (East)	dd-ptr-east.for@kerala.gov.in	0486-9222027	04869 223750	9447979091
67	Deputy Director, Periyar Tiger Reserve (West)	dd-ptr-west.for@kerala.gov.in	0486-9232010	04869 232010	9447979092
68	Wildlife Warden, Thiruvananthapuram	ww-tvm.for@kerala.gov.in	0471-2360762		9447979082
69	Wildlife Warden, Idukki	ww-idk.for@kerala.gov.in	0486-2232271	0486 2232271	9447979094
70	Wildlife Warden, Shendurney	ww-sdny.for@kerala.gov.in	0475-2344600		9447979081
71	Wildlife Warden, Eravikulam National Park	ww-mnr.for@kerala.gov.in	0486-5231587	04865 231587	9447979093
72	Wildlife Warden, Silent Valley National Park	ww-svnp.for@kerala.gov.in	0492-4222056	0492 4222056	9447979104
73	Deputy Director, Parambikulam Tiger Reserve	ww-pklm.for@kerala.gov.in	0425-3245005		9447979102
74	Wildlife Warden, Wayanad Wildlife Sanctuary	ww-wynd.for@kerala.gov.in	0493-6220454		9447979105
75	Wildlife Warden, Aralam Wildlife Sanctuary	ww-aralam.for@kerala.gov.in	0490-2493160		9447979101
76	Wildlife Warden, Peechi Wildlife Sanctuary	ww-peechi.for@kerala.gov.in	0487-2699017		9447979102
77	Deputy Conservator, Research (South) Division	dcf-res-s.for@kerala.gov.in	0471-2368909	0471 2365820	9447979161
78	Deputy Conservator, Research (North) Thrissur	dcf-res-n.for@kerala.gov.in	0487-2334450	0487 2426915	9447979162

Sl No.	Designation	Email ID	Phone	Fax	Office Mobile
79	Senior Administrative Officer	saoadmin.for@kerala.gov.in	0471-2321798		
80	Deputy Director (Statistics)	dd-stat.for@kerala.gov.in	0471-2529162	0471-2529162	
81	Director, Forestry Information Bureau	dir-fib.for@kerala.gov.in	0471-2320155		9447979200
82	Forest Veterinary Officer, Konni	fvo.for@kerala.gov.in	0468-2242386	0468-2242386	
83	Assistant Director, Forest Mini Survey	asstdirfms.for@kerala.gov.in	0495-2418820		

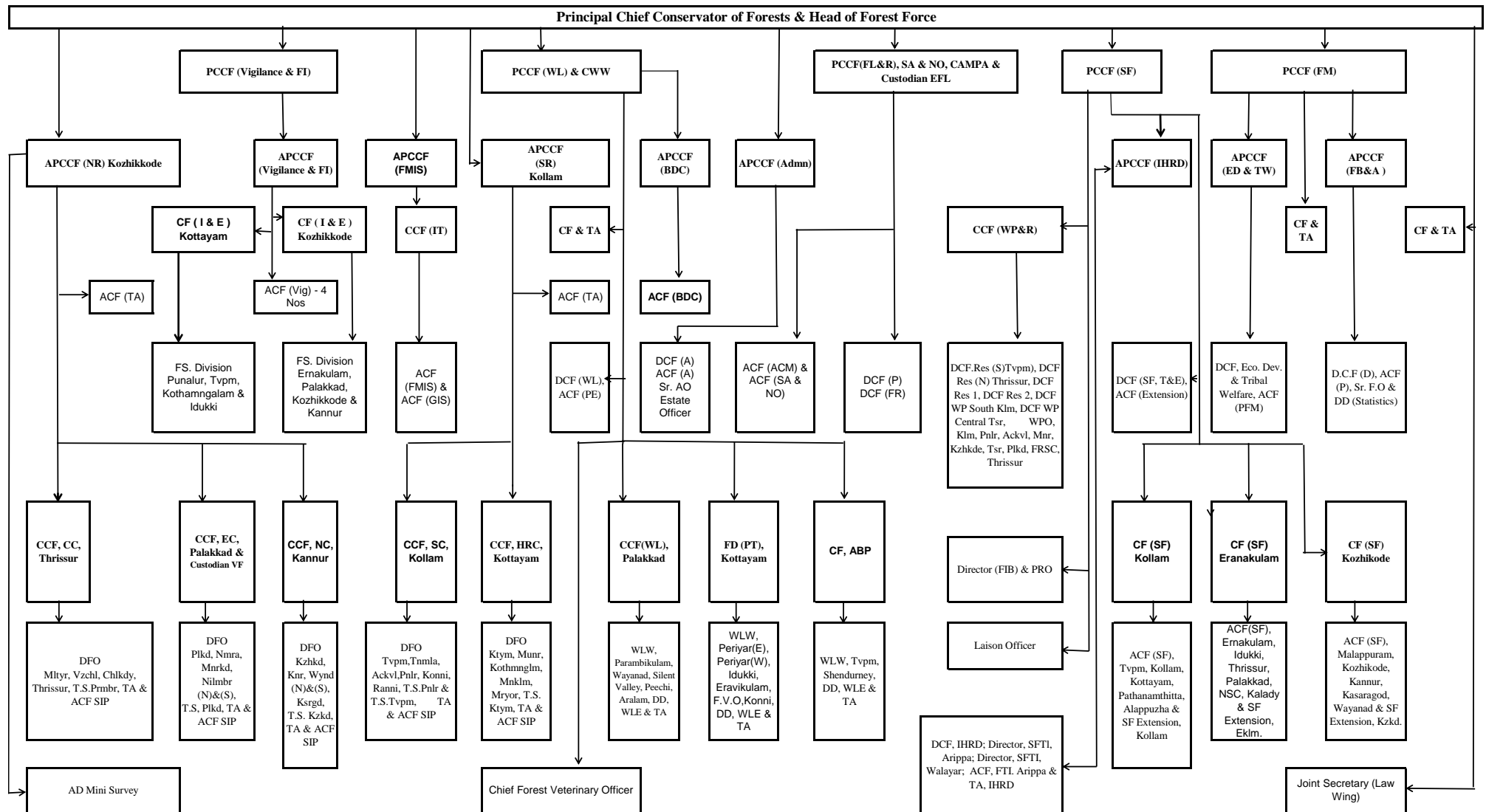
ANNEXURE 3

Name and Address of State Public Information Officers and Appellate Authorities under Right to Information Act.

Sl No.	State Public Information Officer	Appellate Authority
1	Deputy Conservator of Forests (Administration) O/o the Principal Chief Conservator of Forests and HoFF, Thiruvananthapuram	Principal Chief Conservator of Forests and HoFF
2	Asst. Conservator Forests (Administration), O/o the Addl. Principal Chief Conservator of Forests (D and P), Thiruvananthapuram	Addl. Principal Chief Conservator of forests(D and P), Thiruvananthapuram
3	Deputy Conservator of Forests (Social Forestry),O/o the Principal Chief Conservator of Forests (Social Forestry), Thiruvananthapuram	Principal Chief Conservator of Forests (Social Forestry), Thiruvananthapuram
4	Asst. Conservator Forests (IHRD), O/o the Chief Conservator of Forests (IHRD), PTP Nagar, Thiruvananthapuram	Chief Conservator of Forests (IHRD), Thiruvananthapuram
5	Asst. Conservator Forests (SA), O/o the Chief Conservator of Forests (SA and NO) Thiruvananthapuram	Chief Conservator of Forests (SA and NO), Thiruvananthapuram
6	Deputy Conservator of Forests(Wildlife), O/o Principal Chief Conservator of Forests (Wildlife), Thiruvananthapuram	Principal Chief Conservator of Forests (Wildlife), Thiruvananthapuram
7	Deputy Conservator of Forests (Forest Resources), O/o the Principal Chief Conservator of Forests (F, L and R), Thiruvananthapuram	Principal Chief Conservator of Forests (F, L and R), Thiruvananthapuram
8	Asst. Conservator Forests(FMIS), O/o the Addl. Principal Chief Conservator of Forests (FMIS), Thiruvananthapuram (for administrative matters)	Addl. Principal Chief Conservator of Forests (FMIS), Thiruvananthapuram
9	Deputy Conservator of Forests (Finance, Budget and Audit), O/o the Addl. Principal Chief Conservator of Forests (Finance, Budget and Audit) , Thiruvananthapuram	Addl. Principal Chief Conservator of Forests (F,B and A), Thiruvananthapuram
10	Asst. Conservator of Forests(E and T W), O/o the Addl. Principal Chief Conservator of Forests (E and T W), Thiruvananthapuram	Addl. Principal Chief Conservator of Forests (Eco Development and TribalWelfare) Thiruvananthapuram

Sl No.	State Public Information Officer	Appellate Authority
11(a)	Asst. Conservator of Forests (Administration) (for disciplinary matters)	Addl. Principal Chief Conservator of Forests (Administration), Thiruvananthapuram
11(b)	Senior Administrative Officer, O/o the Addl. Principal Chief Conservator of Forests (Administration), Thiruvananthapuram	Addl. Principal Chief Conservator of Forests (Administration), Thiruvananthapuram
12	Asst. Conservator of Forests (Bio-diversity Cell), O/o Addl. Principal Chief Conservator of Forests (Bio-diversity Cell), Thiruvananthapuram	Addl. Principal Chief Conservator of Forests (Bio-diversity Cell), Thiruvananthapuram
13	Senior Superintendent O/o Addl. Chief Conservator of Forests (W P and R), Thiruvananthapuram	Addl. Principal Chief Conservator of Forests (W P and R), Thiruvananthapuram
14	Asst. Conservator of Forests (Vigilance and forest intelligence.), O/O the Addl. Principal Chief Conservator of Forests(Vig.), Thiruvananthapuram	Addl. Principal Chief Conservator of Forests (Vigilance and Forest Intelligence), Thiruvananthapuram
15	Asst. Conservator of Forests (ABP), O/o Chief Conservator of Forests (ABP),Thiruvananthapuram	Chief Conservator of Forests (ABP), Thiruvananthapuram
16	Asst. Conservator of Forests (TA), O/o the Addl. Principal Chief Conservator of Forests (SR), Kollam	Addl. Principal Chief Conservator of Forests (Southern Region), Kollam
17	Asst. Conservator Forests (TA)O/o the Addl. Principal Chief Conservator of Forests, Southern Circle, Kollam	Chief Conservator of Forests (Southern Circle), Kollam
18	Asst. Conservator Forests, O/o Chief Conservator of Forests (Social Forestry), Kollam	Chief Conservator of Forests (Social Forestry), Kollam
19	Asst. Conservator of Forests (TA), O/o Chief Conservator of Forests, High Range Circle, Kottayam	Chief Conservator of Forests, High Range Circle, Kottayam
20	Asst. Conservator of Forests, O/o the Field Director, Project Tiger, Kottayam	Field Director, Project Tiger, Kottayam
21	Asst. Conservator of Forests, O/o the Chief Conservator of Forests(Inspection and Evaluation), Kottayam	Chief Conservator of Forests(Inspection and Evaluation), Kottayam
22	Asst. Conservator of Forests (SF), O/o the Principal Chief Conservator of Forests (SF), Ernakulam	Addl. Principal Chief Conservator of Forests (Social Forestry), Ernakulam

Sl No.	State Public Information Officer	Appellate Authority
23	Asst. Conservator of Forests, O/o the Rehabilitation Commissioner, Thiruvananthapuram	Rehabilitation Commissioner, Thiruvananthapuram
24	Asst. Conservator Forests (TA), O/o the Chief Conservator of Forests, Central Circle, Thrissur	Chief Conservator of Forests (Central Circle), Thrissur
25	Asst. Conservator Forests (TA), O/o the Addl Principal Chief Conservator of Forests (NR), Kozhikode	Addl. Principal Chief Conservator of Forests (Northern Region), Kozhikode
26	Asst. Conservator of Forests, Inspection and Evaluation, Kozhikode	Chief Conservator of Forests (Inspection and Evaluation), Kozhikode
27	Asst. Conservator of Forests (SF), O/o the Chief Conservator of Forests (SF), Kozhikode	Chief Conservator of Forests (Social Forestry), Kozhikode
28	Asst. Conservator of Forests (TA), O/o the Chief Conservator of Forests, Eastern Circle, Palakkad	Chief Conservator of Forests (Eastern Circle), Palakkad
29	Asst. Conservator of Forests, O/o the Chief Conservator of Forest, Wildlife, Palakkad	Chief Conservator of Forests (Wildlife), Palakkad
30	Asst. Conservator of Forests, O/o the Chief Conservator of Forests, Northern Circle, Kannur	Chief Conservator of Forests, Northern Circle, Kannur

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amazing citizens....*

