



**KERALA FORESTS & WILDLIFE DEPARTMENT**  
**ADMINISTRATION REPORT 2017-18**



**GOVERNMENT OF KERALA**

**ADMINISTRATION REPORT**  
**2017-18**

**Kerala Forest Department**



**GOVERNMENT OF KERALA**

**Abstract**

Forest & Wildlife Department- Establishment-Annual Administration Department 2017-2018 -Reviewed and approved -Orders issued.

**FOREST & WILDLIFE (F) DEPARTMENT**

**G.O.(Rt)No.318/2019/F&WLD** Dated, Thiruvananthapuram, 08/08/2019

Read 1 Letetr No. S2-109/2018, dated:12.04.2019 & 12.06.2019 from the Head of Forest Force, Thiruvananthapuram.

**ORDER**

Government have reviewed the Annual Administration Report of the Forest & Wildlife Department for the year 2017-2018 and are pleased to approve the same.

(By order of the Governor)

**SATYAJEET RAJAN**

**ADDITIONAL CHIEF SECRETARY**

✓ The Head of Forest Force, Thiruvananthapuram.

The Principal Accountant General (Audit), Kerala, Thiruvananthapuram.

The Accountant General ( A& E), Kerala, Thiruvananthapuram.

The Director, Institute of Management in Government, Thiruvananthapuram.

The Indian Institute of Public Administration, Indraprasta, East Road, New Delhi.

General Administration (AR) Department.

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Section Officer

## Abbreviations

<u>Sl. No</u>	<u>Term</u>	<u>Expansion</u>
1	ABP	Agasthyavanam Biological Park
2	ACF	Assistant Conservator of Forests
3	APCCF	Additional Principal Chief Conservator of Forests
4	APO	Annual Plan of Operations
5	BDC	The Bio Diversity Cell
6	BFO	Beat Forest Officer
7	CAMPA	Compensatory Afforestation Fund Management and Planning Authority
8	CASFOS	Central Academy for State Forest Service
9	CCF	Chief Conservators of Forests
10	CF	Conservator of Forests
11	CFVO	Chief Forest Veterinary Officer
12	CHR	Cardamom Hill Reserves
13	CR	Critically Endangered
14	CWW	Chief Wildlife Warden
15	DBMS	Database Management System
16	DCF	Deputy Conservator of Forests
17	DRFO	Deputy Range Forest Officer
18	ED & TW	Eco-Development & Tribal Welfare
19	EDC	Eco Development Committees
20	EFL	Ecological Fragile Lands
21	F & WLD	Forest & Wildlife Department
22	FB & A	Finance Budget & Audit
23	FDA	Forest Development Authority
24	FHQ	Forest Head Quarters
25	FIB	Forestry Information Bureau
26	FLR	Forest, Land and Resources
27	FM	Forest Management
28	FMIS	Forest Management Information System
29	FPMS	Forest Fire Prevention & Management Scheme
30	FRSC	Forest Resource Survey Cell
31	FS	Forest Station
32	FTC	Forest Training Centre
33	FVO	Forest Veterinary Officer

34	GHG	Green House Gases
35	GIS	Geo-Information System
36	HoFF	Head of Forest Force
37	HRC	High Range Circle
38	I & E	Inspection & Evaluation
39	IFGTB	Institute of Forest Genetics and Tree Breeding
40	IFM	Intensification of Forest Management
41	IHRD	Infrastructure & Human Resource Development
42	IPC	Industrial Plantation Circle
43	IUCN	International Union for Conservation of Nature.
44	JICA	Japan International Corporation Agency
45	KDH	KannanDevan Hills
46	KFD	Kerala Forest Department
47	KFRI	Kerala Forest Research Institute
48	KFSC	Kerala Forest Seed Centre
49	KSDI	Kerala Spatial Database Infrastructure
50	MFP	Minor Forest Product
51	MoEF	Ministry of Environment and Forest
52	MSP	Minimum Support Price
53	NABARD	National Bank for Agriculture and Rural Development
54	NSC	Nature Study Centre
55	NTCA	National Tiger Conservation Authority
56	NWFP	Non Wood Forest Produce
57	PA	Protected Area
58	PCCF	Principal Chief Conservator of Forests
59	PFM	Participatory Forest Management
60	Prop. RF	Proposed Reserve Forest
61	RF	Reserve Forest
62	RFO	Range Forest Officer
63	RFPF	River Forest Protection Fund
64	RIDF	Rural Infrastructure Development Fund
65	RRT	Rapid Response Team
66	SAMETI	State Agricultural Management and Extension Training Institute
67	SF	Social Forestry
68	SFDA	State Forest Development Agency
69	SFO	Section Forest Officer



70	SFTI	State Forest Training Institute
71	SPMU	State Project Monitoring Unit
72	SPV	Special Purpose Vehicle
73	STP	State Training Policy
74	T & E	Training & Evaluation
75	TBGRI	Tropical Botanic Garden and Research Institute
76	TRIFED	Tribal Co-operative Marketing Development Federation of India Ltd
77	TS	Timber Sales
78	TSPA	Teak Seed Production Areas
79	V&FI	Vigilance & Forest Intelligence
80	VF	Vested Forest land
81	VSS	VanaSamrakshanaSamithies
82	VU	Vulnerable
83	WAR	Wild Animal Rescued
84	WBI	Wood-based Industries
85	WLD	Wildlife Divisions
86	WP&R	Working Plan & Research

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## Chapter 1

### INTRODUCTION

#### 1.1 History of Forest Management in Kerala

1.1.1 **Evolution of the department:** -Kerala Forest Department (KFD) is one among the very old departments of the State. The department has evolved over the last one and half centuries, in response to changing forest policies, management priorities and demands on the forests. By and large it had inherited the basic institutional framework of the colonial forest administration, with the emphasis on protection and revenue generation with limited involvement of the public. Now the policy and strategy is to conserve forest and bio-diversity with participation of people living in and around forests [Participatory Forest Management (PFM)] while maintaining ecological integrity.

1.1.2 Before independence, the forests of Kerala were under 3 different administrations namely, British Rule for Malabar area, the rule of King of Cochin for erstwhile Cochin State and the rule of King of Travancore for erstwhile Travancore State. Madras Forest Act 1882, Cochin Forest Regulation Act 1905 and Travancore Forest Act 1887 were applicable in respective areas. During the British and Princely States era, the entire western coast areas had luxuriant growth 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 coast had luxuriant forest vegetation. The low population that existed at that point of time had for religious or other reasons protected and conserved these forests in its pristine glory. Thus, till independence and subsequent amalgamation of the Princely States, more than 75% of the geographical area was under forest. But, after independence, by the early 1950s, encroachments in the forest areas had taken place and it continued till the 1960s and early 1970s reducing the extent of forest very drastically.



1.1.3 When Travancore and Cochin States were reorganised on the 1<sup>st</sup> July 1949, the department had eight forest divisions, viz; Thiruvananthapuram, Kollam, Shencotta (now in Tamil Nadu), Konni, Malayattur, Chalakkudy, and Thrissur. In 1950, these divisions were brought under two territorial circles with their headquarters at Kollam and Thrissur. When the unified Kerala was formed on the 1<sup>st</sup> November 1956, with the erstwhile Princely States of Travancore, Cochin and Malabar which was part of Madras Presidency, in terms of the States Reorganisation Act 1956, Forest Department was also reorganised into three territorial circles, viz; Kollam, Chalakkudy and Kozhikode, with fourteen forest divisions, viz; Thiruvananthapuram, Thenmala, Punalur, Konni, Ranni under Kollam circle, Kottayam, Malayatur, Chalakkudy, Thrissur under Chalakkudy circle and Nenmara, Palakkad, Kozhikode, 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.

1.1.4 **Expansion of the department** :- In 1960, a new development circle with headquarters at Thrissur was formed with newly created five special divisions namely, Teak Plantation Division- Parambikulam, Liaison Division -Sungam, Grass Land Afforestation Division- Pamba (Peerumedu), Hydel Division -Kottayam and Tramway Division - Chalakkudy. In 1961, the Kerala Forest School (now State Forest Training Institute (SFTI)), Walayar in Palakkad district was established and added to the Development Circle. Again, during 1964-65, for raising large scale economically valuable plantations of teak and other species, after removing less valuable heterogeneous miscellaneous forest growth, 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.

1.1.5 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 Government under the Kerala Private Forests (Vesting and Assigning) 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.

1.1.6 There was gradual expansion of manpower and administrative units during the last fifty years. Thus, in 1972, department had three territorial circles (Southern, Central, and Northern) and five functional circles, i.e. (i) Working Plan and Research (WP&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.

1.1.7 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 headquarters at Thiruvananthapuram, Punalur, Perumbavoor and Kozhikode in December 1977 under the respective territorial circles, for marketing the timber through government timber depots. Pathanapuram depot for Kollamcircle, Mudikkal depot for Thrissur circle and Kallai depot for Kozhikode circle were notified on 31.03.1973 as the central depots for receiving rosewood 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.

1.1.8 On 15.04.1980, Mankulam Special Division was formed for protection of 22253 acres of land resumed under the Kannan Devan Hills (KDH) (Resumption of lands) Act and handed over by the Revenue

Department to Forest Department for protection. The entire land so received from the Revenue Department and managed thereafter in Mankulam Division was notified under Section 4 of Kerala Forest Act as reserved forest vide G.O (Rt) No. 384/2007/F&WLD, dated: 24.05.2006.

1.1.9 Due to 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 High Range Circle (HRC) was formed, with headquarters at Kottayam, 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 kept under the Central Circle, Thrissur.

1.1.10 **Formation of Social Forestry Wing:** - The Social Forestry wing was formed during the year 1982 to implement World Bank aided Social Forestry Project. The objectives being to supply seedlings to farmers, raising plantations along roadsides, railway lines, canal banks, community lands, institution compounds and other public lands, imparting necessary training to the farmers to adopt agro-forestry models and for carrying out extension activities. 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). Each Social Forestry Division had range offices at the taluk level. Social Forestry Circle offices at Kollam and Kozhikode were formed during the year 1984 and circle office at Ernakulam came into existence in 1994 each headed by a Conservator of Forests (CF). The district level Social Forestry Divisions of Thiruvananthapuram, Kollam, Pathanamthitta, Alappuzha and Kottayam are under Kollam Circle, Idukki, Ernakulam, Thrissur and Palakkad are under Ernakulam Circle and Malappuram, Kozhikode, Wayanad, Kannur and Kasaragod are under Kozhikode Circle.

1.1.11 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 G.O (Ms) No. 121/89/F&WLD, dated: 26.12.1989, with compact areas of divisions and ranges as administrative units to bring their boundaries corresponding to the district/taluk boundaries for better administrative convenience and forest protection. 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 reorganised 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 for better control, management and administrative convenience.

1.1.12 Consequent to the reorganisation 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 reorganised into Northern Circle with headquarters at Kozhikode 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.

1.1.13 To control the rampant smuggling of valuable timber and other forest produce to the neighbouring Thirunelveli district of Tamil Nadu across the state borders, a new territorial forest division with headquarters at Achenkovil was formed with effect from 01.07.1993 comprising Achenkovil, Kallar and Kanayar Ranges, simultaneously abolishing the existing Kallar Valley Teak Plantations Special Division. Similarly, in view of large-scale illicit felling and removal of the rare and endangered sandalwood trees and consequent depletion of the stock in the sandal reserves of Marayoor, Kanthalloor and Munnar areas, 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 new Kanthalloor and Vannanthura Forest Stations, was added to Marayoor Sandal Division.

1.1.14 Marayoor sandal wood depot had been an integral part of the Munnar Forest Division under the Range Office, Marayoor till 08.06.2005. The activities undertaken include collection, receipt, storage, processing 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 has been brought under this new division.

1.1.15 Thus by 2007, the Department had five territorial circles, viz; (1) Southern Circle with Thiruvananthapuram, Punalur, Konni, Ranni, Thenmala, Achencovil Divisions and Thiruvananthapuram and Punalur Timber Sales (TS) Divisions (2) High Range Circle with Kottayam, Kothamangalam, Munnar, Mankulam, Marayoor Divisions and Kottayam (TS) Division (3) Central Circle with Thrissur, Malayattoor, Chalakkudy, Vazhachal Divisions and Perumbavoor(TS) Division (4) Eastern Circle with Palakkad, Nenmara, Mannarkkad, Nilambur (North), Nilambur (South) Divisions and Palakkad(TS) Division and (5) Northern Circle with Kozhikode, Wayanad (North), Wayanad (South), Kannur Divisions and Kozhikode (TS) Division.

1.1.16 **Formation of Wild Life Wing:** - Wildlife wing 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 Government of India as per letter No.6-14/82/FRY (WL), dated: 23.09.1982. In the said letter, Government of India had directed to constitute a separate wildlife wing for scientific management of Sanctuaries and National Parks. 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. It was in view of these directions a separate wildlife wing was constituted in the department to ensure scientific and sustainable management of protected areas.

1.1.17 In 1978, a separate field directorate with headquarters at Kottayam, headed by a Conservator of Forests, was created for implementation of

project tiger. A separate wildlife wing was also put in place with a Chief Conservator of Forests and Chief Wildlife Warden (CWW) as its head in 1985 to strengthen the wildlife protection and conservation programme in tune with the first National Wildlife Action Plan of 1983. As on 31.03.2018 Forest Department has 6 National Parks and 17 Wildlife Sanctuaries and one community reserve working harmoniously towards its goal. The details are shown below.

Sl No.	Name	Area (KM <sup>2</sup> )	Year of formation
	<b>National Parks</b>		
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
	<b>Wildlife Sanctuaries</b>		
1	Periyar WLS (Tiger Reserve)	***925.000	1950
2	Neyyar WLS	128.000	1958
3	Peechi - Vazhani Wildlife Sanctuary	125.000	1958
4	Parambikulam W L S (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 Sanctury	0.027	2004
14	Kurinjimala Sanctuary	32.000	2006
15	Choolannur Pea Fowl Sanctuary	3.420	2007
16	Malabar Sanctuary	*****74.215	2009
17	Kottiyoor WLS	30.380	2011
	<b>Community Reserve</b>		
1	Kadalundy -Vallikunnu Community Reserve	1.500	2007
	<b>Total</b>	<b>3213.237</b>	

- \* Includes Periyar National Park(350 Sq.KM) Is included in Periyar Wildlife Sactoury  
 \*\* Includes 148 KM<sup>2</sup> of buffer zone added to Bhavani range during 2007  
 \*\*\* Includes 148 KM<sup>2</sup> of Critical Tiger Core areas from Goodrical range  
 \*\*\*\* Includes Core or Critical Tiger Habitat (390.89 KM<sup>2</sup>) and Buffer zone (252.77 KM<sup>2</sup>).  
 \*\*\*\*\* These areas are under the administrative control of Divisional Forest Officer, Kozhikode

1.1.18 Followed by this development, 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 ₹5 crore ABP project 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 WLDs (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, this Circle head was upgraded as Chief Conservator of Forests. To spearhead, manage and monitor landscape 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 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.

1.1.19 Thus by 2007, the wildlife wing had field directorate at Kottayam with Periyar (East), Periyar (West), Munnar and Idukki WLDs and Palakkad WL Circle with Peechi, Silent Valley, Aralam, Parambikulam and Wayanad WLDs and ABP Circle with Thiruvananthapuram and Shendurney WLDs.

1.1.20 **Formation of Vigilance and Evaluation Wing :-** For co-ordination and systematic evaluation of forestry programmes of the department and for detecting and preventing illicit collection and transport of forest produce, a Forest Vigilance and Evaluation Wing headed by a Conservator of Forests, was established in 1971 vide G.O(Ms) No. 289/71/Agri. dated: 23.02.1971 with five field units of Flying Squad Divisions namely, Punalur, Kottayam, Ernakulam, Palakkad, 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.

**1.1.21 Formation of Working Plan and Research (WP&R) Wing:** - Till 1967, preparation of working plans was undertaken under the direction 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, the Government created three more Working Plan Divisions each headed by Assistant Conservator of Forests (ACF) in view of the backlog of working plan preparation. The Kerala Forest School, Walayar which opened 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, Arippa which opened with effect from 27.05.1981 for clearing the backlog of untrained Beat Forest Officers, were also brought under the Working Plan & Research (WP&R) Circle with headquarters at Thiruvananthapuram.

1.1.22 Silvicultural research commenced in the old Malabar, which was part of 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 adoptive silvicultural research. It was subsequently shifted to Thrissur in 1958 and finally to Thiruvananthapuram in 1967. This Division was brought under the Working Plan & Research (WP&R) Circle. Till 1956, the Division was headed by State Silviculturist as in the 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. A Forest Resources Survey Cell (FRSC) under the charge of an Assistant Conservator of Forests (ACF) based at Thrissur with the objective of collecting data on forest resources such as bamboos, reeds, canes, medicinal plants on a continuing basis, was created on 29.04.1981 under the Working Plan & Research Circle.

1.1.23 But in 1990-91, the Forest Schools were separated from the Working Plan & Research (WP&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 & 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, reconstituted as State Forest Training Institutes (SFTI) with effect from 07.09.2016, are functioning under the control of APCCF (IHRD), Thiruvananthapuram.

1.1.24 **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.

1.1.25 **Forest Veterinary Unit** was formed with office at Konni during 1979-80. The Forest Veterinary Officer (FVO) visits all elephant camps periodically, reporting the health status of elephants, helping DFOs in micro chipping privately owned elephants, their suitable treatment and issue of post-mortem certificates. The FVO visits the animal rescue centers and oversees proper upkeep of animals. He also attends the veterinary matters pertaining to animals in the wild. A full fledged Forest Veterinary Unit was formed as per GO(Ms) No.12/2017/Forest, dtd.20.03.2017, through creation of posts of a Chief Forest Veterinary Officer and 12 number of Assistant Forest Veterinary Officers.

1.1.26 **Mini Forest Survey Unit** was established on 28.07.1982 with an Assistant Director, as its head and Kozhikode as its headquarters for attending works such as 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.

1.1.27 **Forest Station System**, the first of its kind in the country, was introduced by the Department in 1988 on the police station model in lieu of beat-section system. This system was aimed at effective forest protection utilising the collective strength of staff as well as a measure to afford security to the forest protective staff. 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, 114 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.

1.1.28 **Special Forest Courts** at Manjeri, Punalur and Thodupuzha were established in 1994, 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 the final disposal that resulted practical difficulties in protection related issues.

1.1.29 **The Forest Tribunal** was established in the year 1973 as per Section 7 of Kerala Private Forest (Vesting & Assignment) Act, 1971 as per G.O (Ms) No. 354/73/AD, dated: 22.10.1973. Since the district courts are barred from entertaining any petition under the Act, petitioner has to move petitions before Forest Tribunal. The Tribunal is an independent entity under the administrative control of Forest and Wildlife Department as per G.O (Ms) No. 45/02 / F&WLD, dated: 13.08.2002

1.1.30 **Formation of Kasaragod division** – A new Divisional Forest Office with headquarters at Kasaragod was established vide G.O(Ms) No. 22/2012 / F&WLD, dated: 27.03.2012.

## **1.2 Major Milestones**

- 1956 Establishment of a Development Circle at Forest Headquarters
- 1957 Establishment of 3 Circles (Kollam, Chalakkudy, Kozhikode) and 14 Divisions
- 1960 Establishment of a Development Circle at Thrissur for Teak and Eucalyptus plantations in five Divisions under thirdFive-Year Plan.
- 1961 Kerala Forest Act promulgated
- 1962 Kerala Forest School established at Walayar
- 1966 Indian Forest Service revived.
- 1971 Kerala Private Forests (Vesting & Assignment) Act 1971 Promulgated
- 1971 Kannan Devan Hills Resumption of Lands Act promulgated.
- 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 & Technology
- 1978 Project Tiger Circle formed with Headquarter at Kottayam
- 1980 Forest (Conservation) Act 1980 promulgated
- 1981 High Range Circle created with Headquarter at Kottayam
- 1981 Industrial Plantation Circle, Perumbavoor was abolished
- 1981 Kerala Forest School established at Arippa
- 1982 Social Forestry Wing was formed.
- 1984 Silent Valley declared as National Park
- 1985 Ministry of Environment & Forests in Government of India (GoI) established
- 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 & Management of Ecological Fragile Lands) Ordinance came into being
- 2002 Forest Management Information System Wing Established
- 2003 IHRD Wing established
- 2005 EFL Wing Established.
- 2005 Kerala Forest (Vesting & Management of Ecological Fragile Lands) Act came into being
- 2005 Kerala Promotion of Tree Growth on NonForest Areas Act was promulgated
- 2008 State Forest Policy
- 2008 Head of KFD was designated as Principal Chief Conservator of Forests & 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

**1.3** To capture the changing perception of forests and to create an impetus for focused efforts of all stakeholders, the following Vision, Mission and Objectives have been formulated for Forest Department.

#### **1.3.1 Vision**

Improving and sustaining healthy living conditions through conservation of bio diversity, protection of environment, soil, water etc. and empowering forest tribes, women and other weaker sections of the society through scientific, transparent and responsible methods.

#### **1.3.2 Mission**

Conserving forests, in such a way that ecosystem goods and services flow to forest dependant community and to society, without compromising on ecological integrity.



### **1.3.3 Objectives**

1. To scientifically manage the forests adopting an ecosystem approach such that the ecosystem goods and services from the forests flow to society for posterity.
2. To conserve wildlife within and outside forests.
3. To improve water regime of forest catchments so that forest provides optimum water resources to community.
4. To enhance social and cultural values of forests.
5. To increase productivity of our forests and plantations.
6. To manage forests on participatory and inclusive principles such that the livelihood needs of forest dependent communities are met.
7. To conserve the rich bio-diversity in forests and support community to conserve the bio-diversity outside forest areas.
8. To create awareness and provide facilities to public through eco-tourism initiatives.
9. To popularise tree planting among the public so as to effectively address the effects of global warming.
10. To protect and conserve migratory birds and their habitats.

### **1.4 Statutory and Non Statutory functions**

- To conserve and expand unique and complex natural forests of Kerala for posterity, in particular with regard to water, bio diversity, 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 areas 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 run off.

### **1.5 Major Acts & Rules implemented by the department**

- Indian Forest Act, 1928
- Kerala Forest Act, 1961
- Cattle Trespass Act, 1961
- Cattle Trespass Rules, 1962
- Kerala Private Forests (Vesting & Assignment) Act, 1971
- The Wild Life (Protection) Act, 1972
- The Kerala Private Forests (Vesting & Assignment) Rules, 1974
- The Kerala Forest Produce Transit Rules, 1975
- The Kerala Forest (Preservation, Reproduction & Disposal of Trees & Timberbelonging to Govt. but grown on lands in the occupation of Private Persons) Rules, 1975
- The Kerala Forest Produce (Fixation of Selling Price) Act, 1978
- The Kerala Forest Produce (Fixation of Selling Price) Rules, 1978
- The Kerala Wild Life (Protection) Rules, 1978
- The Kerala Vested Forests (Management of Reserved Areas) Rules, 1980
- The Kerala Rules for Payment of Compensation to Victims of Attacks by wild Animals, 1980
- The Forest (Conservation) Act, 1980
- The Kerala Grants & Leases (Modification of Rights) Act, 1980
- The Kerala Preservation of Trees Act, 1986
- The Environment (Protection) Act, 1986
- The Environment (Protection) Rules, 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 & Leases (Modification of Rights) Rules, 1990
- The Wild Life (Protection) Rules, 1995
- The Kerala Forest (Prohibition of felling of trees standing on land temporarily or Permanently assigned) Rules, 1995
- The Kerala Forest (Vesting & Management of Ecologically Fragile Lands) Act, 2003
- The Kerala Captive Elephants (Management & Maintenance) Rules, 2003
- The Forest (Conservation) Rules, 2003
- The Kerala (Promotion of Tree Growth in Non Forest Land Areas) Act, 2005
- The Scheduled Tribes & other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006
- The Scheduled Tribes & Other Traditional Forest Dwellers (Recognition of Forest Rights) Rule, 2007
- The Kerala Forest (Vesting & 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 & Other wood based Industrial Units) Rules, 2012
- The Kerala Forest (Restriction on Cutting and Selling of Sandal Trees and Grant of Licence for Possession and Transport of Sandal Wood and sandal Wood Oil) Rules, 2012
- Kerala Captive Elephants (Management & Maintenance) Rules, 2012

## **1.6 Constitution of State Forests**

1.6.1 The forest area under the administrative charge of Forest Department is 11521.812KM<sup>2</sup> at the close of the year 2017-18 and forms 29.65 % of the total geographical area of the State (38863 KM<sup>2</sup>) 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 1556.896 KM<sup>2</sup> which accounts 13.51 % of the total forest area.

1.6.2 The distribution of forest area according to legal status is given below

Reserve Forest (RF)	:	9195.735 KM <sup>2</sup>
Proposed Reserve (Prop. RF)	:	291.575 KM <sup>2</sup>
Vested forest land (VF)	:	1766.795 KM <sup>2</sup>
Ecologically fragile land (EFL)	:	138.681 KM <sup>2</sup>
Others (PA Status only)	:	129.027 KM <sup>2</sup>
<b>Total Forest Area</b>	:	<b>11521.813 KM<sup>2</sup></b>

This shows that out of the total forest area, 80.59 % comes under reserve forest, 1.75% under proposed reserve, 15.33 % under vested forest, 1.20 % under ecologically fragile land (EFL) and others (PA Status only) 1%.

1.6.3 The circle and division wise distribution of forest area (KM<sup>2</sup>) according to legal status at the close of the year 2017-18 is given below.

SIN o.	Divisions	Reserve Forests	Prop. RF	VF	EFL	Others (PA)	Total	%
<b>I. Southern Circle, Kollam</b>								
1	Thiruvananthapuram	359.124	5.825	0.376	9.284	0.000	374.609	3.26
2	Thenmala	140.753	0.000	8.190	0.000	0.000	148.943	1.29
3	Achencovil	284.330	0.000	0.208	1.331	0.000	285.869	2.48
4	Ranni	902.329	7.225	1.568	0.000	0.000	911.122	7.91
5	Punalur	275.381	0.000	0.169	0.157	0.000	275.707	2.39
6	Konni	320.553	11.102	3.012	0.000	0.000	334.667	2.90
<b>Total</b>		<b>2282.470</b>	<b>24.152</b>	<b>13.523</b>	<b>10.772</b>	<b>0.000</b>	<b>2330.917</b>	<b>20.23</b>
<b>II. High Range Circle, Kottayam</b>								
7	Kottayam *	627.286	1.069	31.967	2.666	0.000	662.988	5.75
8	Kothamangalam	316.840	0.024	0.158	0.000	0.000	317.022	2.75
9	Munnar **	693.535	69.095	2.575	5.148	0.000	770.353	6.69
10	Mankulam	0.000	90.057	0.000	0.000	0.000	90.057	0.78
11	Marayoor	14.375	47.260	0.076	2.465	0.000	64.176	0.56
<b>Total</b>		<b>1652.036</b>	<b>207.505</b>	<b>34.776</b>	<b>10.279</b>	<b>0.000</b>	<b>1904.596</b>	<b>16.53</b>

SIN o.	Divisions	Reserve Forests	Prop. RF	VF	EFL	Others (PA)	Total	%
<b>III. Central Circle, Thrissur</b>								
12	Vazhachal	353.414	0.000	0.000	0.000	0.000	353.414	3.07
13	Chalakudy	237.470	0.000	0.000	0.040	0.000	237.509	2.06
14	Malayattoor	609.725	0.556	0.000	0.000	0.000	610.281	5.30
15	Thrissur	207.007	0.034	4.314	0.727	0.000	212.082	1.84
<b>Total</b>		<b>1407.616</b>	<b>0.590</b>	<b>4.314</b>	<b>0.767</b>	<b>0.000</b>	<b>1413.287</b>	<b>12.27</b>
<b>IV. Eastern Circle, Palakkad</b>								
16	Mannarkkad	150.732	0.000	271.697	7.201	0.000	429.630	3.73
17	Nilambur North	58.393	0.252	371.820	9.480	0.000	439.945	3.82
18	Nilambur South	267.599	0.000	57.385	2.990	0.000	327.974	2.85
19	Palakkad	73.410	0.000	160.673	29.287	0.000	263.370	2.29
20	Nenmara	205.517	0.038	141.875	9.745	0.000	357.175	3.10
<b>Total</b>		<b>755.651</b>	<b>0.290</b>	<b>1003.450</b>	<b>58.703</b>	<b>0.000</b>	<b>1818.094</b>	<b>15.79</b>
<b>V. Northern Circle, Kannur</b>								
21	Kozhikkode	24.400	38.157	231.429	15.072	0.000	309.058	2.68
22	Wayanad North	134.058	15.107	65.852	9.082	0.000	224.100	1.95
23	Wayanad South	67.678	3.774	203.123	20.364	0.000	294.939	2.56
24	Kannur	93.361	0.000	60.380	4.821	0.000	158.562	1.38
25	Kasaragode	86.023	1.921	30.061	4.905	0.000	122.910	1.07
<b>Total</b>		<b>405.520</b>	<b>58.959</b>	<b>590.845</b>	<b>54.245</b>	<b>0.000</b>	<b>1109.569</b>	<b>9.64</b>
<b>VI. Wildlife Circle, Agasthyavanam Biological Park</b>								
26	Thiruvananthapuram WL	211.980	0.000	0.000	0.000	0.000	211.980	1.84
27	Shenduruney	167.653	0.000	4.226	0.354	0.000	172.233	1.49
<b>Total</b>		<b>379.633</b>	<b>0.000</b>	<b>4.226</b>	<b>0.354</b>	<b>0.000</b>	<b>384.213</b>	<b>3.33</b>
<b>VII. Wildlife Circle, Field Director Project Tiger, Kottayam</b>								
28	Periyar East (Thekkady)	709.000	0.000	0.000	0.000	0.000	709.000	6.15
29	Periyar West (Peerumedu)	216.000	0.000	0.000	0.000	0.000	216.000	1.87
30	Munnar WL	112.077	0.000	0.000	0.000	***129.00	241.077	2.09
31	Idukki WL	130.524	0.000	0.000	0.000	0.000	130.524	1.13
<b>Total</b>		<b>1167.601</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>129.00</b>	<b>1296.601</b>	<b>11.24</b>
<b>VII. Wildlife Circle, Palakkad</b>								
32	Parambikulam	376.900	0.000	0.000	0.000	0.000	376.900	3.27
33	Wayanad WL	344.443	0.039	0.000	0.052	0.000	344.534	2.99

SIN o.	Divisions	Reserve Forests	Prop. RF	VF	EFL	Others (PA)	Total	%
34	Silent Valley	154.380	0.000	79.720	3.391	0.000	237.491	2.06
35	Peechi	210.067	0.000	3.301	0.119	0.000	213.487	1.85
36	Aralam	52.740	0.000	32.640	0.000	0.000	85.380	0.74
<b>Total</b>		<b>1138.530</b>	<b>0.039</b>	<b>115.661</b>	<b>3.562</b>	<b>0.000</b>	<b>1257.792</b>	<b>10.91</b>
<b>Other Divisions having Forest Area</b>								
37	TS Perumbavoor	0.315	0.000	0.000	0.000	0.000	0.315	0.00
38	TS Kozhikode	0.202	0.000	0.000	0.000	0.000	0.202	0.00
39	NSC Kalady	6.161	0.040	0.000	0.000	0.000	6.201	0.05
40	Mangalavanam BS	0.000	0.000	0.000	0.000	***0.027	0.027	0.00
<b>TOTAL</b>		<b>6.678</b>	<b>0.040</b>	<b>0.000</b>	<b>0.000</b>	<b>0.027</b>	<b>6.745</b>	<b>0.06</b>
<b>GRAND TOTAL</b>		<b>9195.735</b>	<b>291.575</b>	<b>1766.795</b>	<b>138.681</b>	<b>129.027</b>	<b>11521.813</b>	<b>100.00</b>

\* 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 Division

\*\*\* Protected Area (PA) status only.

#### 1.6.4 Demarcation of forest boundaries

The major activities taken up during 2017-18 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.

Sl No	Boundary demarcation	Length(KM)
1	Total length of 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 31.03.2018	2012.68
6	Junda constructed during 2017-18	680 KM14416nos.
7	Approximate no. of Jundas to be constructed for completing boundary consolidation	45060.00

### 1.6.5 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 77200 ha (49% of total plantation areas). The annual revenue of the department comes mainly from the thinning and final felling of these plantations. Due to enhanced protection to wildlife the animal populations of different species have increased over the years. Extensive damage is caused by sambar and elephants to newly established plantations. The department is erecting solar fences around new plantations to prevent wildlife damage. In addition new scientific methods for enhancing the quality of soil and better planting stock are to be adopted to ensure better yields from new plantation.

Details of plantations raised during 2017-18 are given below.

Scheme	Planting New Areas (Ha)	Maintenance of plantations (Ha)
Hardwood species	411.38	638.36
Industrial Raw Materials	838.20	667.05
Non-Wood Forest Species	210.08	1125.69

### 1.6.6 Distribution of forest area according to utilization as on 31.03.2018.

Sl No.	Mode of Utilisation	Area(KM2)	% to total
1	Dense Forests/Degraded Forest	9023.955	78.32
2	Plantation	1556.897	13.51
3	Area under lease	556.785	4.83
4	Forest land diverted under F(C)A,1980	384.176	3.33
	<b>Total</b>	<b>11521.813</b>	

**1.6.8 Species wise distribution of plantation area as on 31.03.2018 is given below**

Sl No.	Species	Area (Ha.)	Sl No	Species	Area (Ha.)
1	Teak	77237.981	18	Albezzia	131.650
2	Teakwood & Soft wood	15181.579	19	Anjili	589.602
3	Acacia mangium	2842.945	20	Kombokam	230.760
4	Acacia auriculiformis	7342.862	21	Elavu	635.550
5	Eucalyptus	7211.241	22	Balsa	21.040
6	Cane	2951.192	23	Wattle	2122.13
7	Bamboo	5160.858	24	Matti	481.310
8	Rosewood	54.410	25	Cashew	4590.925
9	Mahogany	518.152	26	Agave	41.640
10	Sandalwood	74.640	27	Alnus	74.350
11	Other Hardwood	736.574	28	Sesbania	21.070
12	Reeds	329.702	29	Casuarina	138.870
13	Pepper	73.940	30	Silver Oak	99.500
14	Medicinal Plants	2134.714	31	Mangroves	373.189
15	Grevillea robusta	534.030	32	Fruit bearing	305.543
16	Pine	546.400	33	Miscellaneous	22859.236
17	Rubber	42.100	<b>Total</b>		<b>155689.684</b>

**1.6.9 Major Forest Produce are shown below.**

SlNo.	Species	Unit	Production
1	Acacia	MT	21969.975
2	Acacia manjium	MT	30640.720
3	Akil / Vellakil	M <sup>3</sup>	20.863
4	Ambazham	M <sup>3</sup>	10.3525
5	Anjily	M <sup>3</sup>	100.743
6	Chakkateak	M <sup>3</sup>	0.684
7	Chandanavembu / Redcedar	M <sup>3</sup>	125.719
8	Cheeni	M <sup>3</sup>	161.454
9	Cheru	M <sup>3</sup>	3.809
10	Chorakkali	M <sup>3</sup>	3.159

11	Chorappaly	M <sup>3</sup>	2.350
12	Edana	M <sup>3</sup>	0.347
13	Elavu/Poola	M <sup>3</sup>	197.321
14	Irul	M <sup>3</sup>	91.330
15	Irumburappan	M <sup>3</sup>	2.072
16	Jack/Plavu	M <sup>3</sup>	24.426
17	Kambakom	M <sup>3</sup>	28.373
18	Kanakaitha	M <sup>3</sup>	0.333
19	Kanjiram	M <sup>3</sup>	2.284
20	Kara /Rudraksham	M <sup>3</sup>	2.913
21	Karana	M <sup>3</sup>	4.168
22	Karimaram	M <sup>3</sup>	2.591
23	Karimthakara	M <sup>3</sup>	10.677
24	Karingazha/Poopathiri	M <sup>3</sup>	0.936
25	Karuva	M <sup>3</sup>	1.079
26	Kulamavu/Ooravu/Kulirmavu	M <sup>3</sup>	23.824
27	Kumbil	M <sup>3</sup>	11.599
28	Kunnivaka	M <sup>3</sup>	44.823
29	Kurangadi	M <sup>3</sup>	11.919
30	Mahagony	M <sup>3</sup>	12.457
31	Malaveppu	M <sup>3</sup>	44.6632
32	Manimaruthu	M <sup>3</sup>	8.135
33	Manjakadambu	M <sup>3</sup>	37.790
34	Maruthu	M <sup>3</sup>	1037.519
35	Matti	M <sup>3</sup>	1.733
36	Mavu	M <sup>3</sup>	12.713
37	Mazhamaram	M <sup>3</sup>	8.999
38	Mullankaini/Mulluvengi	M <sup>3</sup>	191.343
39	Murikku	M <sup>3</sup>	0.155
40	Myla	M <sup>3</sup>	2.518
41	Nedunaru	M <sup>3</sup>	2.497
42	Nelli	M <sup>3</sup>	0.935
43	Njaval	M <sup>3</sup>	5.440
44	Pala/Mukkampala	M <sup>3</sup>	41.391
45	Pali	M <sup>3</sup>	6.563
46	Parakom	M <sup>3</sup>	0.104
47	Paravakka	M <sup>3</sup>	9.308

48	Pathiri	M <sup>3</sup>	1.477
49	Payyani	M <sup>3</sup>	0.187
50	Peekadukk/Paikadukk	M <sup>3</sup>	83.292
51	Plasu	M <sup>3</sup>	12.900
52	Poochakadambu	M <sup>3</sup>	4.748
53	Poomaram	M <sup>3</sup>	8.633
54	Poon/Punna/Punnappa	M <sup>3</sup>	52.633
55	Poovam	M <sup>3</sup>	69.784
56	Pothondy	M <sup>3</sup>	4.000
57	Rosewood	M <sup>3</sup>	144.0984
58	Silver oak	M <sup>3</sup>	6.786
59	Sindooram	M <sup>3</sup>	0.932
60	Teak	M <sup>3</sup>	17780.0241
61	Thanni	M <sup>3</sup>	420.336
62	Thembavu/Karimaruth	M <sup>3</sup>	66.883
63	Unnam/Chadachi	M <sup>3</sup>	1702.1587
64	Uthi	M <sup>3</sup>	16.067
65	Vaka	M <sup>3</sup>	2.205
66	Vatta	M <sup>3</sup>	151.005
67	Vediplavu	M <sup>3</sup>	3.327
68	Vellapine	M <sup>3</sup>	10.289
69	Vengai	M <sup>3</sup>	9.872
70	Venteak	M <sup>3</sup>	204.007
71	Vetti	M <sup>3</sup>	1.590
72	Miscellaneous timber	M <sup>3</sup>	5746.649
73	Firewood	MT	5487.261
74	Honey	Kg	41729.000
75	Reeds	MT	6875.750
76	Bamboo	MT	7130.430
77	Junglewood Poles	MT	12833.320
78	Eucalyptus	MT	491.149
79	Sandal wood	Kg	81169.020

**1.6.10 Details of Non-Wood Forest Produce (NTFP) is given below**

<b>Sl No.</b>	<b>Item</b>	<b>Quantity Procured (Kg)</b>
1	Adalodakam Dry	678.00
2	Adalodakam Pacha	23011.00
3	Adapathian	5.90
4	Amalpori	45.00
5	Athithippali	9465.00
6	Cheenikka	71239.00
7	Cheruthekku	2454.50
8	Cheruthen	4008.20
9	Chittaratha	159.00
10	Chool Pullu	53060.00
11	Chunda Dry	31133.00
12	Chunda Pacha	163273.00
13	Kadukkathode	820.00
14	Kakkmkal	1763.60
15	Kalpasam	10712.00
16	Kanjirakuru	241.00
17	Karimkurinji	71111.00
18	Kasturimanjal	1231.00
19	Kattuchena	25.00
20	Kattukurumulaku Valli	20041.00
21	Kattupadavalam	5792.60
22	Kattuthippali Pacha	804.00
23	Kazhanchikuru	44.00
24	Kolinchi	16.00
25	Kooramkolli	1250.00
26	Koppuvella	31.00
27	Kudampuli	55.00
28	Kunthirikkom	9099.90
29	Kurumthotti	411221.00
30	Marottikkuru	745.80

31	Moovila	35193.00
32	Nagadandani	57.00
33	Njavanpoovu	19.00
34	Orila Dry	12058.00
35	Orila Dry (Red)	3350.00
36	Orila Pacha	403.00
37	Pachotti Patta	8266.00
38	Padakizhangu	3561.60
39	Palmuthakku	2373.00
40	Pathiripoovu	1015.60
41	Pattincha/Incha	10965.00
42	Peenari	6315.00
43	Putharichunda Pacha	5040.00
44	Soapinkai	20.00
45	Thannikkathodu	1028.00
46	Tharavella	764.00
47	Vanthen	37721.30
48	Vellakunthirikom	32.00
49	Wax(Bee Wax)	429.00
<b>Total</b>		<b>1022146.00</b>

**Source:** Kerala State Federation of SC / ST development Cooperative Ltd.



## Chapter 2

### ORGANISATIONAL SET UP

#### 2.1 The organisational structure of the department

2.1.1 During the year 2017-18, the department was headed by the Principal Chief Conservator of Forests and Head of Forest Force (PCCF& HoFF). The Principal Chief Conservator of Forests is the Chief Advisor to the State Government on all forestry matters and is liable and responsible for the implementation of various activities and projects under Plan, Non Plan and Centrally Sponsored Schemes. The Principal Chief Conservators of Forests, Additional Principal Chief Conservators of Forests and Chief Conservators of Forests assist the Principal Chief Conservator of Forests & Head of the Forest Force in 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:

#### Organisational set up during 2017-18

Offices	Officers
Office of the Principal Chief Conservator of Forests & Head of the Forest Force.	Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden
	Principal Chief Conservator of Forests (Social Forestry)
	Principal Chief Conservator of Forests (Forest Management)
	Principal Chief Conservator of Forests (Vigilance & Forest Intelligence)
	Principal Chief Conservator of Forests (Forest Land & Resources)
	Addl. Principal Chief Conservator of Forests (Forest Management Information System)
	Addl. Principal Chief Conservator of Forests (Southern Region, Kollam)
	Addl. Principal Chief Conservator of Forests (Northern Region, Kozhikode)
	Custodian EFL
	Special Afforestation & Nodal Officer, CAMPA
	Conservator of Forests & TA to PCCF & HoFF
Joint Secretary, Law Wing	
Office of the Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden	<ul style="list-style-type: none"><li>▪ ACF (BDC)</li></ul> APCCF (Administration) <ul style="list-style-type: none"><li>▪ DCF (Administration)</li><li>▪ ACF (Administration)</li></ul>

Offices	Officers
	<ul style="list-style-type: none"> <li>▪ Senior Administrative Officer</li> <li>▪ ACF (Estate Officer)</li> </ul> <p>CF (Agasthyavanam Biological Park) Thiruvananthapuram</p> <ul style="list-style-type: none"> <li>▪ Wildlife Warden, Trivandrum</li> <li>▪ Wildlife Warden, Shendurney</li> </ul> <p>Field Director (Project Tiger), Kottayam</p> <ul style="list-style-type: none"> <li>▪ Wildlife Warden, Eravikulam</li> <li>▪ Wildlife Warden, Idukki</li> <li>▪ Deputy Director (Periyar Tiger Reserve) East, Thekkady</li> <li>▪ Deputy Director (Periyar Tiger Reserve) West, Peerumadu.</li> </ul> <p>Chief Conservator of Forests (Wildlife) Palakkad</p> <ul style="list-style-type: none"> <li>▪ Wildlife Warden, Aralam</li> <li>▪ Wildlife Warden, Wayanad</li> <li>▪ Wildlife Warden, Silent Valley</li> <li>▪ Divisional Forest Officer, Parambikulam</li> <li>▪ Wildlife Warden, Peechi</li> </ul> <p>CF&amp; TA to PCCF (Wildlife)&amp;CWW Chief Forest Veterinary Officer DCF (Wildlife) ACF (Project Elephant)</p>
Office of the Principal Chief Conservator of Forests (Social Forestry)	<p>APCCF (IHRD)</p> <ul style="list-style-type: none"> <li>▪ DCF (IHRD)</li> <li>▪ Director, State Forest Training Institute, Walayar</li> <li>▪ Director, State Forest Training Institute, Aripa</li> <li>▪ Deputy Director, Walayar</li> <li>▪ Deputy Director, Aripa</li> <li>▪ ACF, Fire Training Centre, Aripa</li> <li>▪ ACF &amp; TA to APCCF(IHRD)</li> <li>▪ Forest Training Centre, PTP Nagar, TVM</li> </ul> <p>CCF (WP&amp;R)</p> <ul style="list-style-type: none"> <li>▪ Deputy Director (Statistics), FHQ</li> <li>▪ WPO, Kollam / Punalur/ Achencovil/ Munnar/ Palakkad/ Kozhikode</li> <li>▪ DCF Research North. Thrissur</li> <li>▪ DCF Research North 1 and Special Officer Zoological Park, Thrissur</li> <li>▪ DCF Research South, Thiruvananthapuram</li> <li>▪ DCF Research South 1, Thiruvananthapuram</li> <li>▪ DCF Working Plan South, Kollam</li> <li>▪ DCF Working Plan Central, Thrissur</li> <li>▪ DCF Working Plan North, Kozhikode</li> <li>▪ ACF ( FRS Cell) Thrissur</li> </ul> <p>CF (SF) Kollam</p>

Offices	Officers
	<ul style="list-style-type: none"> <li>▪ ACF (SF), Thiruvananthapuram</li> <li>▪ ACF (SF), Kollam</li> <li>▪ ACF (SF), Alappuzha</li> <li>▪ ACF (SF), Pathanamthitta</li> <li>▪ ACF (SF), Kottayam</li> <li>▪ ACF (SF) Extn, Kollam</li> </ul> <p>CF (SF) Ernakulam</p> <ul style="list-style-type: none"> <li>▪ ACF (SF), Palakkad</li> <li>▪ ACF (SF), Thrissur</li> <li>▪ ACF (SF), Ernakulam</li> <li>▪ ACF (SF), Idukki</li> <li>▪ ACF (SF) Extn, Ernakulam</li> <li>▪ ACF NSC Kalady</li> </ul> <p>CF (SF) Kozhikode</p> <ul style="list-style-type: none"> <li>▪ ACF (SF), Kozhikode</li> <li>▪ ACF (SF), Kasaragod</li> <li>▪ ACF (SF), Kannur</li> <li>▪ ACF (SF), Wayanad</li> <li>▪ ACF (SF), Malappuram</li> <li>▪ ACF (SF) Extn, Kozhikode</li> </ul> <p>DCF (Social Forestry) ACF (Social Forestry) Forestry Information Bureau (FIB) ACF (T&amp;E) &amp; ACF(Extension)</p>
Office of the Principal Chief Conservator of Forests (Forest Management)	<p>APCCF (Finance, Budget &amp; Audit)</p> <ul style="list-style-type: none"> <li>▪ DCF (Development)</li> <li>▪ ACF (Planning)</li> <li>▪ Senior Finance Officer</li> </ul> <p>APCCF (Eco Development &amp; Tribal Welfare)</p> <ul style="list-style-type: none"> <li>▪ DCF (E &amp;TW)</li> <li>▪ ACF (Participatory Forest Mangement)</li> </ul> <p>CF&amp; TA to PCCF (FM)</p>
Office of Principal Chief Conservator of Forests (Vigilance & Forest Inteliegence)	<p>APCCF (Vigilance &amp; Forest Inteligence)</p> <ul style="list-style-type: none"> <li>▪ CF (Inspection &amp; Evaluation), Kozhikode</li> <li>▪ CF (Inspection &amp; Evaluation), Kottayam</li> <li>▪ ACF (Vigilance 1)</li> <li>▪ ACF (Vigilance 2)</li> <li>▪ ACF(Vigilance 3)</li> <li>▪ ACF (Vigilance 4)</li> </ul>
Office of Principal Chief Conservator of Forests (Forest Land & Resources)	<ul style="list-style-type: none"> <li>▪ DCF (Protection )</li> <li>▪ DCF (Forest Resources)</li> </ul>
Custodian EFL	<ul style="list-style-type: none"> <li>▪ ACF (EFL)</li> </ul>
Special Afforestation & Nodal Officer, CAMPA	<ul style="list-style-type: none"> <li>▪ ACF (SA)&amp; NO</li> </ul>

Offices	Officers
Office of the Addl. Principal Chief Conservator of Forests (Forest Management Information System)	CCF (IT) <ul style="list-style-type: none"> <li>▪ ACF (FMIS)</li> <li>▪ ACF (GIS)</li> </ul>
Office of the Additional Principal Chief Conservator of Forests (Regional South), Kollam	CCF (Southern Circle), Kollam <ul style="list-style-type: none"> <li>▪ DFO, Ranni</li> <li>▪ DFO, Konni</li> <li>▪ DFO, Achenkovil</li> <li>▪ DFO, Punalur</li> <li>▪ DFO, Thenmala</li> <li>▪ DFO, Thiruvananthapuram</li> <li>▪ DFO, Timber Sales, Punalur</li> <li>▪ DFO, Timber Sales, Thiruvananthapuram</li> </ul> CCF (High Range Circle), Kottayam <ul style="list-style-type: none"> <li>▪ DFO Kothamangalam</li> <li>▪ DFO, Munnar</li> <li>▪ ACF, Mankulam</li> <li>▪ DFO, Marayoor Sandal Division, Marayoor</li> <li>▪ DFO, Timber Sales, Kottayam</li> </ul>
Office of the Addl. Principal Chief Conservator of Forests (Regional North), Kozhikode	CCF (Central Circle), Thrissur <ul style="list-style-type: none"> <li>▪ DFO, Thrissur</li> <li>▪ DFO, Chalakkudy</li> <li>▪ DFO, Vazhachal</li> <li>▪ DFO, Malayattoor</li> <li>▪ DFO, Timber Sales, Perumbavoor</li> </ul> CCF (Eastern Circle), Palakkad <ul style="list-style-type: none"> <li>▪ DFO, Nilambur North</li> <li>▪ DFO, Nilambur South</li> <li>▪ DFO, Mannarkkad</li> <li>▪ DFO, Palakkad</li> <li>▪ DFO, Nemmara</li> <li>▪ DFO, Timber Sales, Palakkad</li> </ul> CCF (Northern Circle), Kannur <ul style="list-style-type: none"> <li>▪ DFO, Kannur</li> <li>▪ DFO, Wayanad North</li> <li>▪ DFO, Wayanad South</li> <li>▪ DFO, Kozhikkode</li> <li>▪ DFO, Kasargode</li> <li>▪ DFO, Timber Sales, Kozhikkode.</li> </ul> AD, Mini Survey

**Name of Officers in charge of the various wings during 2017-18**

Sl No.	Office/Wing	Name	Designation	Period		Remarks
				From	To	
<b>Headquarters wings</b>						
1	Principal Chief Conservator of Forests & HoFF	Dr. S.C. Joshi, IFS	Principal Chief Conservator of Forests & HoFF	01.04.2017	31.07.2017	
		Dr. H. Nagesh Prabhu, IFS		01.08.2017	31.12.2017	
		Dr. Anil Kumar Bhardwaj, IFS		01.01.2018	28.02.2018	
		Sri. P.K. Kesavan, IFS		01.03.2018	continuing	
2	Wildlife	Sri. G. Harikumar, IFS	Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden	01.04.2017	31.05.2017	
		Sri. K.J. Varughese, IFS		01.06.2017	12.06.2017	Additional charge
				13.06.2017	30.09.2017	
		Dr. Anil Kumar Bhardwaj, IFS		01.10.2017	27.10.2017	Additional charge
				28.10.2017	31.12.2017	
		Sri. P.K. Kesavan, IFS		01.01.2018	07.02.2018	Additional charge
				08.02.2018	28.02.2018	
				01.03.2018	continuing	Additional charge

Sl No.	Office/Wing	Name	Designation	Period		Remarks
				From	To	
3	Social Forestry	Sri. P.K. Pathak, IFS	Principal Chief Conservator of Forests (Social Forestry)	01.04.2017	15.05.2017	
		Sri. A.K. Dharni, IFS		16.05.2017	02.08.2017	Additional charge
		Sri. Anil Kumar Bhardwaj, IFS		03.08.2017	27.10.2017	
		Sri. K.A. Muhammed Noushad, IFS		28.10.2017	continuing	
4	Forest Management	Sri. K.J. Varughese, IFS	Principal Chief Conservator of Forests (Forest Management )	01.04.2017	12.06.2017	
		Dr. H. Nagesh Prabhu, IFS		13.06.2017	31.07.2017	Additional charge
				01.08.2017	27.10.2017	Additional charge
		Sri. A.K. Dharni, IFS		28.10.2017	continuing	
5	Vigilance & Forest Intelligence	Dr. S. C. Joshi, IFS	Principal Chief Conservator of Forests (Vigilance and Forest Intelligence)	8.02.2017	31.07.2017	
				02.08.2017	27.10.2017	
		Sri. A.K. Dharni, IFS		28.10.2017	continuing	Additional charge

Sl No.	Office/Wing	Name	Designation	Period		Remarks
				From	To	
6	Working Plan & Research	Sri. P.K. Kesavan, IFS	Principal Chief Conservator of Forests (WP&R)	01.04.2017	14.06.2017	
		Dr. P.Pugazhendi, IFS		01.04.2017	23.07.2017	Additional charge
		Sri. V.V. Shajimon, IFS	Chief Conservator of Forests (WP&R)	24.07.2017	10.08.2017	Additional charge
		Sri. G. Phanindra Kumar Rao, IFS		11.08.2017	Continuing	
7	Forest, Land &Resources	Sri. P.K. Kesavan, IFS	Additional Principal Chief Conservator of Forests (Forest, Land & Resources)	01.04.2017	14.06.2017	Additional charge
		Sri. P.K. Kesavan, IFS	Principal Chief Conservator of Forests (Forest, Land &Resources)	15.06.2017	07.02.2018	
		Sri.Bennichen Thomas, IFS		08.02.2018	Continuing	
8	Ecologicaly Fragile Land	Sri. P.K. Kesavan, IFS		01.04.2017	14.06.2017	Additional charge
		Sri. P.K. Kesavan, IFS	Costodian EFL	15.06.2017	07.02.2018	Additional charge
		Sri.Bennichen Thomas, IFS		08.02.2018	Continuing	



Sl No.	Office/Wing	Name	Designation	Period		Remarks
				From	To	
9	Finance, Budget & Audit	Sri. K.J.Varughese, IFS	Additional Principal Chief Conservator of Forests (Finance, Budget & Audit)	01.04.2017	13.06.2017	Additional charge
		Sri.Rajan Sehgal, IFS		01.07.2017	Continuing	
10	Administration	Sri.Amit Mallik, IFS	Additional Principal Chief Conservator of Forests (Administration)	27.04.2017	Continuing	
11	Bio Diversity Cell	Sri.V.V.Shajimon, IFS	Additional Principal Chief Conservator of Forests (Bio diversity Cell)	01.04.2017	01.02.2018	Additional charge
		Dr.Amith Mallick, IFS		02.02.2018	Continuing	Additional charge
12	Forest Management & Information System	Sri. V.V.Shajimon, IFS	Additional Principal Chief Conservator of Forests (FMIS)	01.04.2017	Continuing	
13	Eco-Development & Tribal Welfare	Smt. Prakriti Srivasva, IFS	Additional Principal Chief Conservator of Forests (Eco Development & Tribal Welfare)	01.04.2017	27.12.2017	
		Sri. Rajan Sehgal, IFS		28.12.2017	Continuing	Additional charge
14	Infrastructure and Human Resource Development	Sri. S.Gopalakrishnan, IFS	Additional Principal Chief Conservator of Forests (IHRD)	01.04.2017	Continuing	
15	Special Afforestation & Nodal Officer, CAMPA	Sri. P.K.Kesavan, IFS	Additional Principal Chief Conservator of Forests (Spl.Afforestation & Nodal Officer)	15.06.2017	07.02.2018	Additional charge
		Sri. Bennichen Thomas, IFS		08.02.2018	Continuing	Additional charge

Sl No.	Office/Wing	Name	Designation	Period		Remarks
				From	To	
16	Planning	Smt. Prakriti Srivastava, IFS	Additional Principal Chief Conservator of Forests (Planning)	01.04.2017	27.12.2017	Additional charge to APCCF (ED&TW)
17	Information Technology	Dr. P. Pugazhendi, IFS	Chief Conservator of Forests(IT)	01.04.2017	23.07.2017	
		Sri.V.V.Shajimon, IFS		24.07.2017	Continuing	Additional charge
18	Vigilance & Forest Inteliegence	Sri. P.K.Kesavan, IFS	Additional Principal Chief Conservator of Forests ( V& FI)	01.04.2017	25.04.2017	Additional charge
		Sri. A.K.Dharni, IFS		26.04.2017	27.10.2017	
		Sri. A.K.Dharni, IFS		28.10.2017	Continuing	Additional charge
<b>Regions</b>						
1	Regional South, Kollam	Sri. K.A. Mohammed Noushad, IFS	Additional Principal Chief Conservator of Forests (Regional South, Kollam)	01.04.2017	27.10.2017	
		Sri. E.Pradeep Kumar, IFS	Additional Principal Chief Conservator of Forests (Regional South), Kollam	28.10.2017	Continuing	Additional charge
2	Regional North, Kozhikode	Sri. E.Pradeep Kumar, IFS	Additional Principal Chief Conservator of Forests (Regional North), Kozhikode	01.04.2017	Continuing	

Sl No.	Office/Wing	Name	Designation	Period		Remarks
				From	To	
<b>Territorial Circles</b>						
1	Southern Circle, Kollam	Sri. Deepak Misra, IFS	Chief Conservator of Forests, Southern Circle, Kollam	01.04.2017	20.06.2017	
		Sri. Vijayananthan.K, IFS		20.06.2017	Continuing	Additional charge
2	High Range Circle, Kottayam	Sri. Deepak Misra, IFS	Chief Conservator of Forests, High Range Circle, Kottayam	01.04.2017	20.06.2017	Additional charge
				21.06.2017	Continuing	
3	Central Circle, Thrissur	Sri. Rajesh Ravindran, IFS	Chief Conservator of Forests, Central Circle, Thrissur	01.04.2017	Continuing	
4	Eastern Circle, Palakkad	Sri. L.Chandrasekhar, IFS	Chief Conservator of Forests, Eastern Circle, Palakkad	01.04.2017	22.08.2017	
		Sri. Rajesh Ravindran, IFS		23.08.2017	20.02.2018	Additional charge
		Sri. R. Adalarasan, IFS		21.02.2018	Continuing	Additional charge
5	Northern Circle, Kannur	Sri. Shrawan K Verma, IFS	Chief Conservator of Forests, Northern Circle, Kannur	01.04.2017	Continuing	
<b>Wildlife Circles</b>						
1	Agasthyavanam Biological Park, Thiruvananthapuram	Sri. Pramod. P, IFS	Conservator of Forests ABP	01.04.2017	Continuing	Additional charge

Sl No.	Office/Wing	Name	Designation	Period		Remarks
				From	To	
2	Field Director (Project Tiger), Kottayam	Dr. Amit Mallick, IFS	Field Director (Project Tiger), Kottayam	01.04.2017	26.04.2017	
		Sri. Pramod G.Krishnan, IFS		27.04.2017	Continuing	Additional charge
3	Wildlife, Palakkad	Sri. Pramod G Krishnan, IFS	Chief Conservator of Forests(Wildlife), Palakkad	01.04.2017	03.10.2017	
		Sri. Georgi P Mathachen		03.10.2017	Continuing	Additional charge
<b>Social Forestry Circles</b>						
1	Social Forestry, Southern Region, Kollam	Sri. Sathosh.K.John, IFS	Conservator of Forests (SF) Southern Region, Kollam	01.04.2017	23.11.2017	Additional charge
		Sri. M.S.Jayaraman, IFS		23.11.2017	31.03.2018	Additional charge
2	Social Forestry, Central Region, Ernakulam	Sri. K.Vijayanathan, IFS	Conservator of Forests (Social Forestry), Ernakulam	01.04.2017	19.06.2017	Additional charge
		Sri. M.S. Jayaraman, IFS		19.06.2017	Continuing	Additional charge
3	Social Forestry, Kozhikkode	Sri. K. Vijayanathan, IFS	Conservator of Forests (Social Forestry) Kozhikkode	01.04.2017	23.06.2017	
		Sri. K.R. Sabu, IFS		23.06.2017	30.11.2017	
		Dr. R. Adalarasan, IFS		30.11.2017	23.02.2018	
		Dr. C. Meenakshi, IFS		23.02.2018	Continuing	

Sl No.	Office/Wing	Name	Designation	Period		Remarks
				From	To	
<b>Inspection &amp; Evaluation Circles</b>						
1	Inspection & Evaluation Circle, Kottayam	Shri. B.N. Anjan Kumar, IFS	Conservator of Forests	29.06.2017	Continuing	Additional charge
2	Inspection & Evaluation Circle, Kozhikkode	Shri.Georgi P.Mathachan, IFS	Conservator of Forests	26.12.2017	27.06.2017	Additional charge
		Shri.S.Sheik Hyder Hussain, IFS	Conservator of Forests	27.06.2017	16.07.2018	Additional charge
		Dr. R. Adalarasan, IFS	Conservator of Forests	16.07.2018	Continuing	Additional charge

2.1.2 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 an officer of and above the capacity of Conservator of Forests. Each circle is comprised of few Forest Divisions. Each Forest Division is headed by a Divisional Forest Officer (DFO). Each Forest Division is comprised by 2 or 3 Forest Ranges. Each Forest 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 is given below.

<b>Category</b>	<b>Circles</b>	<b>Divisions</b>	<b>Ranges</b>
Territorial	5	25	76
Timber Sales (functional)		6	
Wildlife	3	11	27
Social Forestry	3	17*	32
Nature Study Centre		1	1
Working Plan & Research	1	9**	
Vigilance and Forest Intelligence	2	8	
Training	1	2	
<b>Total</b>	<b>15</b>	<b>79</b>	<b>136</b>

\* 3 of which are Social Forestry Extensions

\*\* 2 of which are Research Divisions

2.1.3 The organisational structure of the Forest Circles is given below.

<b>Territorial Circle</b>	<b>Territorial Divisions</b>	<b>Functional</b>
1. Southern Circle, Kollam	1. Thiruvananthapuram	1. Timber Sales Division, Thiruvananthapuram 2. Timber Sales Division, Punalur
	2. Thenmala	
	3. Punalur	
	4. Achencovil	
	5. Konni	
	6. Ranni	
2. High Range Circle, Kottayam	1. Kottayam	1. Timber Sales Division, Kottayam
	2. Kothamangalam	
	3. Mankulam	
	4. Munnar	
	5. Marayoor	
3. Central Circle, Thrissur	1. Malayattoor	1. Timber Sales Division, Perumbavoor
	2. Vazhachal	
	3. Chalakudy	
	4. Thrissur	

<b>Territorial Circle</b>	<b>Territorial Divisions</b>	<b>Functional</b>
4. Eastern Circle, Palakkad	1. Nilambur South	1. Timber Sales Division, Palakkad
	2. Nilambur North	
	3. Palakkad	
	4. Mannarkkad	
	5. Nemmara	
5. Northern Circle, Kannur	1. Kozhikode	1. Timber Sales Division, Kozhikode
	2. Wayanad South	
	3. Wayanad North	
	4. Kannur	
	5. Kasaragod	
<b>Wildlife Circle</b>	<b>Wildlife Divisions</b>	
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	
<b>Working Plan &amp; Research Circle</b>	<b>Research Divisions</b>	
1. Research (South), Thiruvananthapuram	1. Kollam	
	2. Punalur	
	3. Achencoil	
2. Research(North), Thrissur	4 Munnar	
	5. Palakkad	
	6. Kozhikode	
	7. Forest Resources Survey Cell, Thrissur	
3. DCF, Working Plan Central, Thrissur		
<b>Social Forestry Circle</b>	<b>Social Forestry Divisions</b>	
1. Social Forestry, Southern Region, Kollam	1. Thiruvananthapuram	
	2. Kollam	
	3. Pathanamthitta	
	4. Alappuzha	
	5. Kottayam	



<b>Territorial Circle</b>	<b>Territorial Divisions</b>	<b>Functional</b>
	6. SF Extension, Kollam	

<b>Social Forestry Circle</b>	<b>Social Forestry Divisions</b>	
2. Social Forestry, Central Region, Ernakulam	1. Idukki	
	2. (a) Ernakulam	
	(b) Nature Study Centre (NSC), Kalady.	
	3. SF Extension, Ernakulam	
	4. Thrissur	
3. Social Forestry, Northern Region, Kozhikkode	5. Palakkad	
	1. Malappuram	
	2. Kozhikkode	
	3. SF Extension, Kozhikkode	
	4. Wayanad	
	5. Kannur	
6. Kasaragod		
<b>Vigilance Circle</b>	<b>Divisions</b>	
Investigation & Evaluation, Kottayam	1. Thiruvananthapuram	
	2. Punalur	
	3. Kothamangalam	
	4. Idukki	
Investigation & Evaluation, Kozhikkode	1. Eranakulam	
	2. Palakkad	
	3. Kozhikkode	
	4. Kannur	
<b>Training</b>	<b>Institutions</b>	
Infrastructure and Human Resource Development	1. State Forest Training Institute, Walayar	
	2. State Forest Training Institute, Arippa	
	3. Forest Training Centre, PTP Nagar, Thiruvananthapuram	

2.1.4 Division & Range wise details of forest stations Annexure 1.

2.1.5 Division wise number of Range offices and checkposts is given in Annexure 1(a).

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

2.1.7 Organisation chart of the department is given as Annexure 4.

## **Chapter 3**

### **HUMAN RESOURCES**

3.1 Consequent to the introduction of Indian Forest Service as an All India Service in 1968, the organisational set up of the Forest Department was reoriented. Government of Kerala have nationalised the private forests in 1971 adding 1.83 lakhs hectare to the Department necessitating more man power. The enactment of Wild Llife (Protection) Act, 1972 enabled the expansion of wildlife sanctuaries and national parks and necessitated the formation of a separate wildlife wing with additional personnel. As the Department 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 were compulsions to increase and strengthen the human resource of the department and to improve their efficiency.

3.2. Kerala Forest Schoolat Walayar, near Palakkad was established in1961 to train Section Forest Officers and Beat Forest Officers. Prior to this, they were trained at Forest School Coimbatore. Similarly, the Forest Rangers and the State Forest Service Officers (ACFs) are given Forestry training at the Forest Rangers Colleges and State Forest Service Colleges, under the Directorate of Forest Education of the Forest Research Institute, Dehra Dun. Likewise, the Indian Forest Service Officers undergo 2-year Diploma course in Forestry (Associate of Indian Forest College) at the Indira Gandhi National Forest Academy, Dehra Dun. After technical training, the Rangers undergo one year apprenticeship; Assistant Conservators undergo 2-year departmental training and the IFS officers, 6 months departmental training in the state to acquaint with the working of the Departments of Forest, Revenue, Police, Judiciary and Industry and to study related aspects.

3.3 To improve the 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 working efficiency and skill 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 literacy, finance management, information system and data entry for preparing accounts using FMIS software, eco-development, Geological Information System, Digital Image Analysis. Besides, some technical personnel from Rangers to Principal Chief Conservator of Forests performed study tours to understand the policies, programmes, legislations, technologies in forestry, wildlife and environment followed in countries like the United States, Australia, Brazil, etc.

3.4 There has been considerable change in the number as well as rank profile of the human resource of the organisation during the course of the last 50 years due to diversification and increase in management activities of the department.

<b>Sl No.</b>	<b>Category</b>	<b>Sanctioned Strength</b>	<b>In Position</b>
1	Principal Chief Conservator of Forests*	5	5
2	Addl. Principal Chief Conservator of Forests*	5	5
3	Chief Conservator of Forests	11	6
4	Conservator of Forests	13	1
5	Dy. Conservator of Forests (IFS Cadre)	35	32
6	Forest Tribunal	1	1
7	Joint Secretary ( Law )	1	1
8	Sr. Finance Officer	1	1
9	Sr. Administrative Officer	1	1
10	Deputy Director (Statistics)	1	1
11	Deputy Director ( Wildlife Education)	3	3
12	Asst. Conservator of Forests/DCF(NC)	101	101
13	Sr. Administrative Assistant	9	9
14	Administrative Assistant	12	12
15	Personal Assistant	3	3
16	Senior Superintendent	36	36
17	Range Forest Officer	205	187

<b>Sl No.</b>	<b>Category</b>	<b>Sanctioned Strength</b>	<b>In Position</b>
18	Dy. Range Forest Officer	158	147
19	Public Relation Officer	1	1
20	Asst. Forest Public Relation Officer	3	2
21	Junior Superintendent	71	71
22	Head Accountant	74	74
23	Research Assistant**	3	4
24	Wildlife Assistant	10	9
25	Senior Clerk	443	443
26	Clerk	446	401
27	Statistical Assistant Gr. I & II	34	33
28	Faircopy Superintendent	8	7
29	Sel.Gr Typist	33	33
30	Sr. Grade Typist	33	33
31	Typist Clerk	1	1
32	UD Typist	33	33
33	LD Typist	34	33
34	Confidential Assistant	39	34
35	Legal Assistant	1	1
36	Section Officer(Law)	1	1
37	Chief Forest Veterinary Officer (on deputation)	1	1
38	Asst. Forest Veterinary Officer (on deputation)	12	11
39	Forest Veterinary Officer	1	1
40	Veterinary Doctor	1	1
41	Documentation Officer	1	0
42	Asst. Director (Survey)	1	1
43	Survey Superintendent	2	2
44	Surveyor Gr.I& II	66	34
45	Head Surveyor	2	2
46	Section Forest Officer	952	858
47	Beat Forest Officer	2618	2371
48	Sheristadar cum Secretary	1	1
49	Head Draftsman	2	2
50	Draftsman	45	20
51	Circle Inspector of Police	2	1

<b>Sl No.</b>	<b>Category</b>	<b>Sanctioned Strength</b>	<b>In Position</b>
52	Sub Inspector of Police	4	1
53	Assistant Sub Inspector of Police	0	2
54	Senior Civil Police Officer	22	10
55	Civil Police Officer	110	32
56	Librarian	1	1
57	Project Operator	1	0
58	Pharmacist	2	1
59	Dispensary Attender	1	0
60	Nursing Assistant	1	0
61	Binder	2	1
62	PT Instructor	6	1
63	Record cum Store Keeper	3	0
64	Museum Assistant	1	0
65	Office Attendant	420	401
66	Sweeper Cum Peon	1	1
67	Daffedar	1	1
68	Attender	18	18
69	Dark Room Attender	1	0
70	Driver	247	221
71	Photographer cum Artist	1	0
72	Gardner	4	1
73	Tracker cum Gardner	3	0
74	Gardner cum Marker	1	1
75	Cleaner	2	0
76	Watcher	55	263
77	Muduvan Watcher	8	8
78	Night Watcher	25	20
79	RF Watcher	157	62
80	Depot Watcher	86	44
81	Tribal Watcher	700	685
82	Watcher cum Cook	6	1
83	Tapal Watcher	3	0
84	Rest House Watcher	1	0
85	Scavenger/Sanitary Worker	1	1
86	Cook/Asst. Cook	1	0

<b>Sl No.</b>	<b>Category</b>	<b>Sanctioned Strength</b>	<b>In Position</b>
87	Boat Driver	12	6
88	Boat Zrang	1	0
89	Boat Watcher	6	0
90	Boat Cleaner/Cleaner	3	0
91	Lascar	4	1
92	Survey Lascar	11	2
93	Mahouts & Kavadi	26	20
94	Timber Supervisor	1	0
95	Pump Operator	1	1
96	Lab Assistant	1	0
97	Radio Mechanic	1	0
98	Helper	1	0
99	Bus Cleaner	1	1
100	Chowkeedar	1	0
101	Benchclerk (on deputation)	1	1
102	Part Time Contingent Employees	293	293
	<b>Total</b>	<b>7836</b>	<b>7174</b>

\* Statistical AssistantGr. I post upgraded at SC,Kollam.

**3.6 Details of employees working on contract/deputation:** During the year, a total of 17personnel were engaged on contract/deputation as shown below.

On Contract - **3** nos  
On Deputaton - **14**nos

**3.7Recruitments made during the year (cadre wise numbers) including compassionate appointments:** -The cadre wise list of recruitment made during the year is as follows.

- Senior Superintendent - 1
- Dy.RFO - 4
- SFO - 7
- BFO - 371
- Clerk - 41
- Typist - 11

• Driver	-	1
• OA	-	44
• Night Watcher	-	13
• CA	-	5
• PTS	-	5
• Tent Lascar	-	1
• Bus cleaner	-	1

**3.8Retirements:** -During the year,237 (IFS cadre-9, Gazetted cadre-46, Non-Gazetted cadre-182) personnel have retired from service.

**3.9Posts created:** -As per GO (Ms)/12/2017/F&WLD dated 20/03/2017 one post of Chief Forest Veterinary Officer and 12 posts of Assistant Forest Veterinary Officerwere created. These posts are directed to be filedon deputation basisfrom Animal Husbandry Department.

**3.10Supernumerary posts operated:** -No supernumerary posts were created during the year.

**3.11Consultants engaged:** -During 2017-18,one consultant was engaged for the preparation of Kodikuthimala Eco- tourism project plan in Eastern circle, Palakkad.Two Conservation Biologist; one each in Peechi Vazhani wild life sanctuary and other in Aralam wildlife sanctuary were engaged on contract basis for expert assistance to monitor ecological constraints with focus on human wildlife conflict,periodic surveys/population estimation of flora and faura and also to impart nature educationto students and general public.

**3.12Training:** - A total of 1288 officers of the department were imparted training in various institutions during the year 2017-18 in different topics/ subjects.

**3.13Awards/rewards for meritorious service:** - During the year,19officers of different cadre in the department were awarded Chief Minister's Forest Medal for their meritorious service.Periyar Tiger Reserve won the award from the Asian Tiger Protection Meeting for the action taken against tiger poaching.

**3.14Disciplinary proceedings against departmental personnel:** - During 2017-18, disciplinary actions were recommended against193 personnel.

## **Chapter4**

### **FUNCTIONING OF THE DEPARTMENT**

Forest Department has 14 wings at headquarters as shown below for effective and efficient management of the department and implementation of various activities and projects entrusted by the State Government and by the Central Government.

The functions and achievements of various wings of the department during the reporting year are summarised below.

#### **4.1 Administration Wing**

4.1.1 The wing is headed by the Additional Principal Chief Conservator of Forests (Administration) who in turn is responsible for general administration of Forest Department. This wing is responsible for all establishment matters such as recruitment, appointment, promotion, transfer and postings, disciplinary action, pension, payment of travelling allowances, medical claims, loans and advances. It holds the administrative control and looks after litigations relating to establishment matters in respect of all officers in Kerala State Forest Services, Kerala State Forest Subordinate Service, Last Grade and Part-Time Contingent Services. Service matters of special categories like Wildlife Assistants / Deputy Director of Wildlife Education and officers and staff on deputation to Forest Department are also dealt by this wing. Administration wing is the authority to initiate framing of Special Rules and to propose amendments to the Rules to the Govt. from time to time. Consolidation of reports on Legislative Assembly Interpellation and Right to Information Act is being carried out in this wing.

4.1.2 During the year, remarkable achievement was made in filling the vacancies through District Offices of Kerala Public Service Commission and timely promotions.

#### **4.2 Bio Diversity Cell**

4.2.1 Our state is rich in flora and fauna and its land distribution pattern holds the key towards its rich biodiversity. It has several endangered and endemic species and the richness can be accounted from the table below. Bio Diversity Cell (BDC) headed by Additional Principal Chief Conservator of Forests extends its hands towards preserving this nature's gift, in its true self, through several social and



eco-friendly activities. The APCCF (BDC) performs functions relating to conservation of Bio-Diversity in areas outside protected areas such as sacred groves, common resources, mangroves and wetlands thereby assisting the Chief Wildlife Warden in discharging duties regarding implementation of Wild Life (Protection) Act, Bio-diversity Act, etc. Additional Principal Chief Conservator of Forests(BDC) has also been assigned the duty of managing captive elephants.

4.2.2 The state being blessed with lush greenery and profound number of backwaters is also having its presence felt with rich bio-diversity. A portray of its flora and fauna along with the threats it is facing can be accounted from the table given below.

Sl No.	Group	No. of species	No. of species endemic to western ghats	No. 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		

CR – Critically Endangered, EN – Endangered, VU – Vulnerable,  
NT – Near Threatened, Ex – Extinct.

\* IUCN International Union for Conservation of Nature.

4.2.3 Captive Elephant Management: In Kerala, the captive elephants enjoy a special status in its culture, religious and social arena. All possible measures for ensuring the protection and welfare of captive elephants of the state are undertaken. Provisions of Wildlife (Protection) Act, 1972 and the Kerala Captive Elephant (Management & Maintenance) Rules, 2012 are strictly implemented in the state. Legal actions are taken against violations of these provisions. State level and district level Task Forces on captive elephants have been constituted vide G.O (Ms) No. 03/2015/F&WLD, dated: 17.01.2015 for ensuring welfare of captive elephants by preventing cruelty against them and continuous monitoring. Training for elephant owners, mahouts and festival committees, etc. has been conducting during this financial year for the proper protection and maintenance of the captive

elephants in the state. So far 430 owners and 2842 mahouts have been trained by Forest Department.

Details of captive elephants as on 31.03.2018

No. of elephants implanted with microchip		No. of elephants not implanted with microchip		No. of elephants dead during 2017-18	
Private owned	Dept. owned	Private owned	Dept. owned	Private owned	Dept. owned
495	33	3	4	23	0

### 4.3 Development Wing

4.3.1 The wing is headed by Principal Chief Conservator of Forests (FM) who discharges his duties with the help of Additional Principal Chief Conservator of Forests (F,B&A) who in turn is served by two major sections, viz; Planning and Accounts.

4.3.2 Main functions of planning section are the preparation of five year plan proposals as well as annual plan of operations and submission of the same to the Government, State Planning Board and to GoI. Preparation of demand 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, if any, required based on the trend and pace of expenditure, taking up works which require administrative sanction from government, procurement and distribution of vehicles, computers and other assets of the department, allotment of quarters and repairs and maintenance of the same and to liaise with other wings of the department, Government of India and their institutions and external funding agencies regarding financial matters.

4.3.3 The Accounts section is the State Level Authority of the Department entrusted with the submission of monthly accounts to the Accountant General and C&AG. It is the responsibility of Addl. Principal Chief Conservator of Forests (FB&A) to ensure that the sub offices render monthly accounts in time, rectification of defects and preventing delays and to design, develop and maintain internal control mechanism with respect to finance, budget, and expenditure. Audit wing,

attached to Accounts section, has to answer audit queries and to ensure that audit queries are replied in time by various wings of the department. The section compiles and submits reports to Public Accounts Committee, Subject Committee and to various authorities.

4.3.4 Major Schemes: - The major schemes implemented by Forest Department during the current year are as follows.

4.3.4.1 NABARD –RIDF Works: - This scheme is aimed for the implementation of infrastructure facilities in forest areas and expenditure for the same during 2017-18 were met through the following projects, viz; NABARD - RIDF XVII, XVIII, XIX, XX, XXII and XXIII.

S/No.	Tranche No.	No. of projects	Project cost(lakh ₹)	Non starter projects	Amount sanctioned for Non starter projects (lakh ₹)	Loan sanctioned( lakh ₹)	Expenditure(lakh ₹)
1	XVII	9	1655.07	0	0	1572.56	1440.47
2	XVIII	4	441.75	0	0	353.40	366.62
3	XIX	2	2120.39	0	0	1984.53	1848.12
4	XX	2	4290.00	0	0	4075.50	3594.35
5	XXII	4	2262.00	0	0	2148.90	587.41
6	XXIII	1	2250.00	0	0	2137	0

4.3.4.2 Intensification of Forest Management (IFM):- IFM renamed as Forest Fire Protection Management Scheme (FPMS), is 60% centrally sponsored scheme. Government of India has accorded sanction for the annual work programme under IFM for a total cost of ₹ 390.88 lakhs. An amount of ₹ 234.53 lakhs was sanctioned as central share during 2017-18 and the corresponding state share was ₹156.35 lakhs. The expenditure incurred was ₹326.42 lakhs.

## **4.4 Eco Development & Tribal Welfare Wing**

4.4.1 The state has 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 institutions in territorial forest divisions are called Vana Samrakshana Samithies (VSS) and those in wildlife divisions are called Eco Development Committees (EDC). The VSSs and EDCs are the grass root level organisations where forest dependent families are members, who are participating in the planning and implementation of various forestry and community development programmes. As on 31<sup>st</sup> March 2018, 400 VSSs and 190 EDCs are functioning 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 or the Societies Registration Act. There are 36 FDAs in the state as on 31<sup>st</sup> March 2018. Since the formation of State Forest Development Agency (SFDA), Kerala during 2010, the funds to FDAs are routed through it and the programmes and schemes implemented by FDAs are monitored by it.

4.4.2 Forest Department has implemented the following projects/schemes under Eco-Development & Tribal Welfare during 2017-18.

4.4.2.1 Green India Mission (GIM): Green India Mission aims to address key concerns related to climate change in the forestry sector, namely adaptation and mitigation. To this end the Mission also aims to take a broader landscape approach to address the drivers of forest degradation while supporting communities to meet their basic necessities of fodder, fuel and livelihood.

The Government of India had approved the Green India Mission Perspective Plan with a cost of ₹333.00 crores for five years. Funds for this centrally sponsored scheme are allotted in 60:40 ratios by Central and State Governments.

4.4.2.2 Ecotourism: The department has 60 ecotourism locations. FDAs in liaison with department are carrying out the day to day management of these spots. Under the budget head '4406-01-800-91 – Ecotourism', an amount of ₹453.901 lakhs was expended during 2017-18 for these activities.

4.4.2.3 Tribal Insurance Scheme: Vide Government Order No.G.O((MS) 12/95/F&WLD dated,15/03/1995,insurance scheme is implemented for the tribals residing in the forests of Kerala with Personal Accident cover and hospitalization benefits in association with M/s.United India Insurance.

4.4.2.4 River Forest Protection Fund (RFPF): During 2017-18 an amount of ₹2919.04 lakhs was collected as service charges forming RFPF by FDAs who are carrying out ecotourism activities.

4.4.2.5 Vanasree Units: - There are 36 Vanasree eco-shops in the state under 22 FDAs including 2 mobile units. During 2017-18 sales revenue by selling NWFP through Vanasree eco-shop was about ₹6.7 crores.

The details of these outlets are shown below.

<b>Sl No.</b>	<b>Name of Division / Forest Development Agency</b>	<b>Name of Vanasree Unit</b>
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 <sup>th</sup> 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)
18	North Wayanad	Mananthavady
19	Parambikulam	Anappady
20	Parambikulam	Parambikulam
21	Punalur	Ayur

<b>Sl No.</b>	<b>Name of Division / Forest Development Agency</b>	<b>Name of Vanasree Unit</b>
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	Tholpettty
34	Wildlife Division Thiruvananthapuram (Neyyar-Peppara)	Neyyar
35	Wildlife Division Thiruvananthapuram (Neyyar-Peppara)	Kottor
36	Wildlife Division Thiruvananthapuram (Neyyar-Peppara)	Peppara

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

4.4.2.7 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 4 sites viz; Periyar Tiger Reserve, Shola National Park, Chinnar Wildlife Sanctuary and Eravikulam National Park.

4.4.2.8 Fencing around Forest Boundaries: - A project named "Fencing around Forest Boundaries" was approved by Governement under KIIFB for an amount of ₹100 crores and State Forest Development Agency (SFDA), Kerala was designated as Special Purpose Vehicle (SPV) for implementation. Administrative sanction was

accorded for first phase of ₹ 25 crores and work of the project commenced during the year.

#### **4.5 Ecologically Fragile Land (EFL) Wing**

4.5.1 The Kerala Forest (Vesting and Management of Ecologically Fragile Lands) Act, 2003 (Act 21 of 2005) is an Act to provide for the vesting in the Government of ecologically fragile lands in the State of Kerala and for the management of such lands with a view to maintain ecological balance and conserving the bio-diversity. The Act got the assent of Hon'ble President of India on 25<sup>th</sup> April, 2005 and was notified on 3<sup>rd</sup> of May, 2005. The Act is deemed to have come into force on the 2<sup>nd</sup> 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 as on 23.11.2005 and a Chief Conservator of Forests was posted as the Custodian of EFL. Principal Chief Conservator of Forests is the Custodian of Ecologically Fragile Lands now.

4.5.2 As on 31.03.2018, the State has 138.681 Sq. KM of ecologically fragile land. Details of the same have been given in Page 17 to Page 19 of this report.

4.5.3 EFL Act provides 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.

4.5.4 The Kerala Forest (Vesting and Management of Ecologically Fragile Lands) Rules, 2007 have been 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. The First Additional District Court Judge has been designated as the Tribunal.

4.5.5 The Kerala Forest (Vesting and Management of Ecologically Fragile Lands) Tribunal Rules, 2007 have been framed as per G.O (P) No.64/2007/F&WLD, dated 10.10.2007 and notified in the gazette. The details of cases in the four tribunals are shown below.

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 publicity and extension arm of the Department. The departmental publication titled 'Aranyam' has been publishing on a monthly basis since 2015 August on par with existing national level publications, dealing with forestry and wildlife subjects, in respect of quality and contents. The Bureau also undertakes works like printing and publishing of booklets and pamphlets covering various activities of the Department, arranging publicity in connection with World Forestry Day, World Earth Day, World Environment Day, Wildlife Week etc. 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.

4.6.1 International Trade Fair: -The Fair was held in November-2017 at Pregathy Maidan, New Delhi. The pavilion made by Bureau received attention at national level during the fair. The theme presented was 'Start Up India'.

4.6.2 Onam week celebration: In connection with the celebration, bureau has presented a float based on the theme 'Forest For Water'

4.6.3 Exhibition- Film show- Workshop: The exhibition wing of FIB conducted a total of 10 exhibitions and 25 work shops and film show was conducted all over the state. In addition to this, FIB could creatively conduct World Forest Day (March-21), World Environmental Day (June-5), Snake Bird Day (June 22), Forest Martyr's Day, Wildlife week celebration (October 2 -8) and other publicity works.

#### **4.7 Forest, Land and Resources Wing**

4.7.1 This wing mainly deals with protection of forest wealth. The wing also deals with various Acts and Rules other than those within the purview of Wild Life (Protection) Act and the Kerala Forest (Vesting and Management of Ecologically Fragil 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.

4.7.2 Declaration of new Reserve Forests: List of proposed Reserves for which Section 4 notification issued during 2017-18 is given below.

<b>Sl No.</b>	<b>Division&amp; Range</b>	<b>Name of Proposed Reserve</b>	<b>Gazette number with date/G.O/Section(4) Notification nuber</b>	<b>Extent</b>
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.17.0617(SRONo.381/ 2017 Gazette No.1375 dated 30.06.2017G.O(P) 04/2017/ F&WLD dt.17.06.17(SRO No.382/17) Gazette No.1376 dated 30.06.17G.O(P) 05/2017/F&WLD dt.17.06.17(SRO No.383/17)	8.1252 Ha
2	Thrissur/ Pattikkad	Chettuva Mangroves	Gazette No.1594 dated 27.07.17 G.O(P) 06/2017/F&WLD dt.15.07.17	3.3853 Ha
3	Nenmara	Area where building of Nenmara Division located	Gazette No.2443 dated 10.11.17 G.O(P) 10/2017/F&WLD dt.15.07.17	3.762 Ha
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 Ha

<b>Sl No.</b>	<b>Division&amp; Range</b>	<b>Name of Proposed Reserve</b>	<b>Gazette number with date/G.O/Section(4) Notification nuber</b>	<b>Extent</b>
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 Ha
<b>Total</b>				<b>124.2954 Ha</b>

4.7.3 E-auction: E-auction of timber was introduced in the Department in November 2014. By now 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. Training required for this has been given to the officials whereas technical assistance has been imparted to the public and buyers.

4.7.4 Survey Training: During the year 2017-18, 60 Section/Beat Forest Officers have been given survey training in two batches.

4.7.5 Construction of Cairns: as part of boundary consolidation to prevent encroachment, and protection of the entire forest of the state about 14,416 Cairns have been constructed during the year 2017-18.

4.7.6 Details of forest land leased out to various agencies on long term agreement as on 31.03.2018 are as follows

<b>Sl No.</b>	<b>Division</b>	<b>Extent of land leased out (Ha.)</b>
1	Thiruvananthapuram	2433.729
2	Thenmala	68.157
3	Punalur	10550.058
4	Achenkovil	791.010
5	Ranni	4892.241

<b>Sl No.</b>	<b>Division</b>	<b>Extent of land leased out (Ha.)</b>
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	3820.329
15	Thrissur	1694.391
16	Nenmara	3696.706
17	Palakkad	345.049
18	Mannarkkad	885.471
19	Nilambur (North)	480.553
20	Kozhikkode	1337.380
21	Wayanad (South)	70.045
22	Wayanad (North)	105.920
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
<b>Total</b>		<b>55678.4612</b>

4.7.7 During the year, extent of encroachment to be evicted was confirmed as 7801.12 Ha.

Details of encroachment of forest land as on 31.03.2018 is given below

<b>Circle</b>	<b>District</b>	<b>Division</b>	<b>Extent of encroachment(Ha.)</b>
1	2	3	4
Southern Circle, Kollam	Pathanamthitta	Konni	10.59
		Ranni	1.13
	Kollam	Thenmala	7.24
		<b>Total</b>	<b>18.96</b>
High Range Circle, Kottayam	Ernakulam	Kothamangalam	147.60
	Kottayam	Kottayam	121.49
	Idukki	Munnar	1099.65
		Marayoor	0.03
		Mankulam	358.43
		<b>Total</b>	<b>1727.20</b>
Central Circle, Thrissur	Thrissur	Thrissur	147.04
	Ernakulam	Malayattoor	129.29
		<b>Total</b>	<b>276.33</b>
Eastern Circle, Palakkad	Malappuram	Nilambur North	682.53
		Nilambur South	2.11
	Palakkad	Palakkad	190.58
		Mannarkkad	2700.34
		Nenmara	244.19
		<b>Total</b>	<b>3819.75</b>
Northern Circle, Kannur	Kozhikode	Kozhikode	10.40
	Wayanad	Wayanad South	1369.29
		Wayanad North	369.74
	Kannur	Kannur	11.02
	<b>Total</b>	<b>1760.45</b>	
Periyar Tiger	Kottayam	Periyar East	0.0061

<b>Circle</b>	<b>District</b>	<b>Division</b>	<b>Extent of encroachment(Ha.)</b>
1	2	3	4
Reserve, Kottayam	Idukki	Idukki	5.40
		<b>Total</b>	<b>5.4061</b>
Wildlife Circle, Palakkad	Thrissur	Peechi	193.02
		<b>Total</b>	<b>193.02</b>
			<b>7801.1161</b>

#### **4.8 Forest Management Information System Wing (FMIS)**

4.8.1. 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 DBMS, 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 latest information. Now modules such as offence module, court case module, compensation to wildlife attack module, cairn 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 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.

4.8.2 Major e- governance initiatives taken by the FMIS Wing for the reporting year are, e-tendering. All tenders above ₹0.05 lakhs are being done through e-

tender, department has shared all available spatial data with Kerala Spatial Database Infrastructure (KSDI) as per government direction, implemented file tracking application, online services- Agasthyarkoodam tracking and compensation for victims of wild life attack made online 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.

#### **4.9 Infrastructure & Human Resource Development (IHRD) Wing**

4.9.1 A 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).

4.9.2 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 officers and 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, SPARK etc. Hostel facilities for accommodation are also available in the said training centre. In-service training programmes for various categories of staff and officers working in the Forest Department are organised in the Forest Training Centre regularly.

4.9.3 Induction Training: 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 Section Forest officers and 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.

4.9.4 During the year, induction training programme for Beat Forest Officers and compulsory training of Deputy Range Forest Officers & Range Forest Officers (\*FNTR Category) were conducted at State Forest Training Institute, Arippa & Walayar 486 Beat Forest Officers, 22 Deputy Range Forest Officers, 63 Section Forest Officers attended the training. Apart from this, 29 nos of BSc(Forestry) students had undergone 10 days training during the year.

\*Section Forest officer not trained as Range Officer (FNTR)

4.9.5 100% of the construction works under rehabilitation of SFTI; Arippa & Walayar funded by JICA have been completed during 2017-18. All other works included in the Annual Plan of Operation 2017-18 have been successfully completed in SFTI, Arippa & Walayar.

4.9.6 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 / Depot Officers
- Section Forest Officers
- Beat Forest Officers
- Senior / Junior Superintendents / Head Accountants
- Personal Assistants / Confidential Assistants
- Clerk/Senior Clerk
- Drivers

During the financial year training was imparted to 832 no. of officials in the above categories.

4.9.7 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.

4.9.8 STP Trainings: - The Department has actively utilised the trainings as per the State Training Policy (STP), being organised by Institute of Management in Government at its Centres at Thiruvananthapuram, Kochi and Kozhikode during 2017-18.

4.9.9 Deputation of IFS Officers/State Service Officers for trainings/workshops:- During the year 55 officers were deputed to various training courses sponsored by the MoEF and other organisations of GoI and the State Government in different premier institutions in the country.

4.9.10 During the year, 1288 officials of various cadres were imparted training through different training programmes. An abstract of the same is given below.

<b>Sl No.</b>	<b>Institute</b>	<b>No. of Participants</b>
I	SFTI Arippa	360
II	SFTI Walayar	317
III	FTC, Thiruvananthapuram	265
IV	IMG, Thiruvananthapuram	310
<b>Sub Total</b>		<b>1252</b>
<b>Training attended in Institutions Outside Kerala</b>		
I	EEl, Hyderabad	8
II	CASFOS, Coimbatore	16
III	CASFOS, Dehradun	4
IV	CASFOS, Burnihat	7
V	Foreign Training (Thailand, Malesia)	1
<b>Sub Total</b>		<b>36</b>
<b>Grand Total</b>		<b>1288</b>

4.9.10.1 Implementation of Externally aided 'Japan International Corporation Agency'(JICA) project:- 'Capacity Development for Forestry Management and Training of Personnel':-Forest Department is implementing a JICA funded Project (ID-P-199) titled - 'Capacity Development for Forestry Management and Training of



Personnel' being steered by the Ministry of Environment and Forests, Government of India for upgradation of infrastructure of the forest training institutes and improving the syllabus and course curriculum for the frontline staff (Beat Forest Officers, Section Forest Officers and Deputy Range Forest Officers) of the Forest Departments in eleven states including Kerala. Infrastructure facilities at State Forest Training Institutes at Arippa and Walayar are to be renovated under this scheme for which ₹10.87 crores has been sanctioned by Govt. of India. The works of construction/ renovation in both schools has been awarded to 'COSTFORD' and around 100% of works have been completed. The period of above project has been 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, Bhuvanesar prepared the syllabus, modules, handouts on various subjects and same were approved by competent authorities. The consultant has completed the project work and submitted final report.

4.9.10.2 State Forest Training Institute (*SFTI*), *Arippa* – Government of India, as per their letter F.No. 14-41/2003-RT (Kerala), dated: 27.12.2011 have issued administrative approval and expenditure sanction for rehabilitation of SFTI, Arippa, Kerala at total project cost for ₹487.53 lakhs and expended ₹505.40 lakhs being 100% of the approved project cost as first installment for the works. In this project 2 new buildings (ie; Hostel and guest house), renovation of 14 buildings (ie; hostel, class room, kitchen, staff quarters, etc.) and site level interventions like road drainage, landscaping, etc. are in progress.

4.9.10.3 State Forest Training Institute (*SFTI*), *Walayar* - Government of India as per their letter F.No. 14-41/2003-RT (Kerala), dated: 20.03.2012 have issued administrative approval and expenditure sanction for rehabilitation of SFTI, Walayar, Kerala for ₹462.76 lakhs and expended ₹469.80 lakhs being 100% of the rehabilitation cost as first installment for the works. In this project, 4 new buildings (ie, Trainees hostel, Staff Quarters) and renovation of 6 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.

4.9.10.4M/s.Sutra Consulting Pvt.Ltd. IRC Village, Bhuvaneswar 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 have approved the same. The consultants have submitted the syllabus for induction training of Beat Forest Officers, Section Forest Officers and for compulsory training of Dy.Range Forest Officers and Range Forest Officers (FNTR category). They have 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 has been approved by the Government of Kerala.

#### **4.10 Social Forestry Wing**

4.10.1 Social Forestry projects started during 1982 in Kerala with the aim of taking 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 programmes outside forest with involvement of different sections of the society and implemented these programme as people's programme. Planting of trees in railway lands, roadsides, canal banks, revenue purambokes and government institutions were also started.

4.10.2 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.

4.10.3 The increasing level of Green House Gases (GHG) in the atmosphere and the consequent unpredictable and adverse climatic changes is a serious concern for people and governments all over the world. There is urgent need to combat negative impacts of climate change for the survival of mankind. Trees serve as natural sink for carbon and constitute one of the major mitigating factors against Global Warming. Growing more trees in the state will render much needed ecological services and amelioration of the environment.

4.10.4 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 subsidised 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:

<b>Sl No.</b>	<b>Haritha Keralam</b>	<b>No. of seedlings distributed ( in lakhs)</b>
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 – VII (2016-17)	65.29
9	Phase – IX(2017-18)	66.12

4.10.5 Production of seedlings for Haritha Keralam Padhathi (Phase –X):-It was decided to implement the Phase – X programme of Haritha Keralam Scheme during 2018-19. For this purpose about 81.10 lakhs seedlings were raised during 2017-18 for distribution to public and departmental planting during the planting season of 2018-19.

4.10.6 Vazhiyora Thanal Programme: -This programme envisaging planting of seedlings of more than one year old on the sides of important roads/institutions/avenues in Kerala and will be implemented during next season also. During 2017-18 about 68611 seedlings were planted.

4.10.7 Scheme for Incentivisation 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 have been 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, anjili, plavu, rosewood, kambakom, kumbil, kunnivaka and thembavu and 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.

The amount of incentives proposed is as below:

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

50% of the incentives will be given at the end of 1<sup>st</sup> year and the remaining 50% will be given at the end of the 3<sup>rd</sup> year. The scheme also provides cash awards for the best three performers in each of the above said slab at the end of 5<sup>th</sup> and 10<sup>th</sup> year. During the current year 2017-18, ₹13.50 lakhs were given as incentive to 236 selected farmers.

4.10.8 Protection and conservation of sacred groves: Sacred Groves are rich repository of biological resources that have been preserved in their pristine conditions by religious belief of the community. The owners need to be appreciated for keeping a large area of their land for the sake of biodiversity conservation. It is proposed to provide financial support to owners of sacred groves for the best managed groves by inviting applications /nominations after wide publicity where necessary support for activities such as for documentation of flora and fauna, awareness creation, protection activities, rebuilding lost/degraded sacred groves giving incentives and awards, etc.

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)concerned will shortlist 5 applicants in each district and are placed before a State Level Expert Committee, which will scrutinize, evaluate and recommend in order of priority for providing financial support. An agreement is signed between the owner/trust of sacred groves and the Assistant Conservator of Forests concerned, on providing relevant documents to prove the ownership of the sacred groves. 10% of the total project cost, subject to a maximum of ₹25000/- is released as 1<sup>st</sup> installment. Subsequent installments shall be made as when required by the beneficiary on production of vouchers and records for the completed works. During the year 2017-18 an amount of ₹14.42 lakhs has been distributed to sacred grove owners in Kollam, Ernakulam and Kozhikode regions for the upkeep and maintenance of sacred groves.

4.10.9 Vanamithra award: Vanamithra award is being given to individuals, educational institutions, NGOs, farmers etc considering their activities which contribute to the conservation of biodiversity, values, agro-biodiversity etc. Selection of eligible nominees are done according to the guidelines issued as per G.O(Rt) no. 485/F&WLD dated 24.12.2016, 12 nominations were selected during 2017-18 and award distributed at ₹25000 each.

4.10.10 Stabilization of Major Rivers In Kerala Through Bamboo Planting: This project aims to undertake bamboo planting along the banks of streams/ rivulets/ rivers flowing in each district. In case of non forest areas, department will raise/procure quality planting stock and distribute to local self government institutions/ kudumbasree/ NGOs/citizen groups/ individuals who will take up planting with the fund support under this scheme and or Mahatma Gandhi NREGA. In case of forest area, the activities will be undertaken departmentally. In case no agency is coming forward in non forest areas, the work will be undertaken departmentally. Protection and post planting care will be the responsibility of the organization / individual undertaking the planting. Administrative Sanction was for ₹256.50 lakhs for a period of 3 years. Planting of 9500 nos of bamboo seedlings were done at Malappuram during 2017-18 as part of this programme.

#### **4.11 Special Afforestation Wing**

4.11.1 Implementation & monitoring of Forest (Conservation) Act, 1980:- The Nodal Officer deals with applications received for the use of forest land for non-forestry purposes in light of F(C) Act 1980 and guidelines of the Hon'ble Supreme Court and the Central Government. All proposals received during 2017-18 have been submitted to the government and clearance has been received in most of the cases. Details are shown below.

<b>Sl No.</b>	<b>Purpose</b>	<b>Order No. and Date</b>	<b>Area (Ha.)</b>
1	Diversion of forest land for Murugan Panchal Bridge, Thenmala	G.O(Rt)146/2017/F&WLD dated 12.04.2017	0.0160
2	Diversion of forest land for Kazhuthurutty Bridge, Thenmala	G.O(Rt)145/2017/F&WLD dated 12.04.2017	0.0180
3	Diversion of forest land for electrification of Variathu kavu, Thrissur	G.O(Rt)155/2017/F&WLD dated 22.04.2017	0.0110

<b>Sl No.</b>	<b>Purpose</b>	<b>Order No. and Date</b>	<b>Area (Ha.)</b>
4	Diversion of forest land for electrification of Elevupalam, Kulathupuzha	G.O(Rt)200/2017/F&WLD dated 27.05.2017	0.0080
5	Diversion of forest land for electrification of Neeliplavu, Ranni	G.O(Rt)399/2017/F&WLD dated 21.10.2017	0.0640
6	Diversion of forest land for Ponmudi Police Station , Thiruvananthapuram	G.O(Rt)408/2017/F&WLD dated 28.10.2017	0.2023
7	Diversion of forest land for Malakkappara Police Station, Vazhachal	G.O(Rt)414/2017/F&WLD dated 30.10.2017	0.0729
8	Diversion of forest land for drawing electric line to the house of Rajan, Thrissur	G.O(Rt)411/2017/F&WLD dated 28.10.2017	0.0191
9	Diversion of forest land for drawing electric line to the house of Balakrishnan, Thrissur	G.O(Rt)396/2017/F&WLD dated 21.10.2017	0.0215
10	Diversion of forest land for widening of Vadakkanchery to Mannuthy NHAI	G.O(Rt)15/2017/F&WLD dated 09.01.2018	0.0820
11	Diversion of forest land for Laying OFC, Reliance JIO Ltd. Munnar	G.O(Rt)383/2017/F&WLD dated 11.10.2017	0.0200
12	Diversion of forest land for erecting pump house to Joseph Kurian, NSC Kalady	F(C)A/112/116 KER/IP/126 dated 01.01.2017	0.1720
13	Diversion of forest land for ISRF Cochin Shipyard (Mangrove Forests , Malayattoor)	4-KLB1111/2017-BAN/197 dated 07.06.2017	0.0187
14	Diversion of forest land for Avanippara Bridge, Konni	4-KLB1014/2014-BAN dated 02.01.2018	0.0243
<b>Total Area</b>			<b>0.7497</b>

4.11.2 Supervising activities in respect of issue of licence to wood - based industries (WBI): -A State level committee had been constituted in dealing with the

applications on NOC for WBI and subsequently the power to issue licence was delegated as per with the Kerala Forests (Regulation of Saw mill and other Wood Based Industries) Rules 2012 to Divisional Forest Officers / Wild Life Wardens.

4.11.3 State Compensatory Afforestation Fund Management and Planning Authority (CAMPA):-As per the guidelines of Adhoc CAMPA integrated APO for the period from 2014-15 to 2017-18 has been prepared under the chairmanship of Chief Secretary. On approval of State CAMPA steering committee fund has been given to Adhoc CAMPA for release. Target and achievement(financial) during the year 2017-18 is given below.

<b>Sl.No.</b>	<b>Component/Particular of the work</b>	<b>Financial target (Rs. In lakhs)</b>	<b>Expenditure (as on 31.03.2018) Rs. In lakhs</b>
<b>I</b>	<b>Compensatory Afforestation Funds</b>	<b>52.09</b>	<b>5.8420</b>
	Compensatory Afforestation Funds	52.09	5.8420
<b>II</b>	<b>Forest &amp; Wildlife Protection</b>	<b>166.22</b>	
1	Interior Camp Sheds	22.00	2.5763
2	Field Ration	36.00	13.5003
3	First Aid	7.20	1.7271
4	Soil and moisture conservaton/Gullyplugging	18.00	10.4237
5	Mtce of Patrolling Routes /Trek Paths	11.52	6.5963
6	Construction, cleaning, Desiltation of pond	13.00	6.8998
7	Mtce of check dams and desiltating	1.00	
8	Skilled man Mazdoor/Labour for rescue and rehabilitation of snakes	24.00	6.6424
9	Better connectivity includes culverts/ foot bridges,roads	24.80	1.3855
10	River Bank Stabilization/protection	8.70	
<b>III</b>	<b>Forest Management</b>	<b>297.85</b>	
1	Fire mazdoor/Fire Gangs/VSS, EDC	170.1	105.0817
2	Fire Awareness Campaign	26.50	16.9577
3	Mini water mist tender	60.0	
4	Fire Fighting equipments	36.0	15.2388
5	Fire watch station	5.25	2.6499
<b>IV</b>	<b>Biodiversity Conservation</b>	<b>8.90</b>	
<b>Sl.No.</b>	<b>Component/Particular of the work</b>	<b>Financial target (Rs. In lakhs)</b>	<b>Expenditure (as on 31.03.2018) Rs. In lakhs</b>



1	Eradiction of Exotic weeds	8.00	4.0586
2	Turtle Conservation & Monitoring	0.90	1.2348
<b>V</b>	<b>Infrastructure Development</b>	<b>215.30</b>	
1	Solar Lighting in tribal hamlet	3.00	
2	Providing Vehicle	100.80	
3	Providing Basic Infastructre to Yribal Settlement including provision for LPG connection	16.00	8.5363
4	Purchase of microchip reader for captive elephant management	1.00	
5	Customised camper for crisis mamagement	46.50	
6	Light System as in fire force( Tower Lights)	2.00	
7	Cage, Snack catching equipments	19.50	1.783
8	Emergency life saving equipments viz mask,jacket etc	6.50	1.1279
9	Total Station survey equipments	20	
<b>VI</b>	<b>Human Animal Interface</b>	<b>24.00</b>	<b>20.1030</b>
<b>VII</b>	<b>Capacity Building</b>	<b>26.10</b>	
1	Awareness Programme	3.00	1.7161
2	Conducting Nature Camps	6.00	2.5171
3	Training to protective staff in batches of 20 to 30 persons	17.10	3.8553
<b>VIII</b>	<b>Translocation of forest Enclosures</b>	<b>9.00</b>	
<b>IX</b>	<b>Office Support</b>	<b>0.54</b>	
1	Monitoring and Evaluation	0.54	
	<b>Total</b>	<b>800.00</b>	<b>240.453</b>

#### 4.12Vigilance Wing

4.12.1 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 illegal removal of forest produce, evaluation of regeneration areas, 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 enquiry.

- Nepotism of staff
- Causing wrongful loss to government property or revenue or claim 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.

4.12.2 Machinery for vigilance and evaluation works: -On 4-2-2016, the post of Principal Chief Conservator of Forests (Vig.) was created as the head of Vigilance Wing at Forest Headquarters. This is over and above the cadre post of APCCF (V&FI). Two Regional offices under two Conservators of Forests function at Kottayam and Kozhikode respectively. Eight (8) Flying Squad Divisions headed by the Divisional Forest Officers and seventeen (17) Flying Squad Units under an Range Forest Officers function under the wing. A Forest Intelligence Cell under an Assistant Conservator of Forests and a Control Unit headed by a Range Forest Officer who in turn report to the Principal Chief Conservator of Forests is functioning at the Headquarters.

4.12.3 Forest Intelligence Cell: - Forest Intelligence Cell was established during 2001 under the control of Chief Conservator of Forests (Vigilance). One Range Forest Officer and 9 Beat Forest Officers are working 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), is supervising the Intelligence work of the Cell. The secret information collected by the Forest Intelligence Cell has resulted in detection of serious offences and arrest of the accused, especially in wildlife crimes. Field officers have recognised the utility of information collected by the Intelligence Cell through secret sources. During 2017-18, an amount of ₹85,500/- has been disbursed as remuneration to informants.

4.12.4 Raids conducted and Contrabands seized: - During the year, 32 raids were conducted to destroy ganja plants and to destroy illicit brewing. Also vehicles were seized in relation with smuggling of forest goods.

4.12.6 During 2017-18, 643 petitions/irregularities were enquired into and the details are shown below.

<b>Sl No.</b>	<b>Particulars</b>	<b>No. of Cases</b>
1	Illicit felling of trees and smuggling of timber and other forest produce	42
2	Encroachments in reserve forest.	47
3	Irregularities involved in the expenditure on forest works, Misappropriation of Government money.	12
4	Irregularities involved in the execution of departmental works	16
5	Supply Connivances in final felling	0
6	Supply-Sle Coupe	0
7	Irregularities in wild elephants and other animals.	10
8	Shooting of wild elephant and other kinds of animals	4
9	Cases of subordinates misbehaviour	1
10	Illicit transport of forest produces belonging to Government	13
11	Corrupt practices in auction	3
12	Assault etc.	0
13	Other kinds of petitions	137
14	Violation of KPT Rules/Act.	1
15	Violation of WL Act.	20
16	Illicit distillation	0
17	Atrocities against Tribals	6
18	Atrocities against animals	127
19	Illicit collection of rubble and sand.	4
20	Ganja cultivation	0
21	Illicit felling, storage and transport of timber from private lands	11
22	Petition against forest officials.	126
23	Petition against VSS	43
24	Cases involved in smuggling of bamboos and reeds.	2
25	Illicit diversion of water from Periyar	2
26	Press report	0
27	Illicit transport of forest produce not belonging to Govt.	2
28	Allegation of Ganja cultivation, sale of intoxicating liquor	0
29	Irregularities in Taungya and other cases	5
30	Fire occurrence	0
31	Misuse of departmental vehicles	3
32	Possession of Unlicensed Gun	4
33	Misappropriation of money	0
34	Smuggling of sand	2

Sl No.	Particulars	No. of Cases
	<b>Total</b>	<b>643</b>

#### 4.13 WildlifeWing

4.13.1 Conservation of wildlife and bio-diversity is gaining more and more importance these days. Kerala is having very rich bio-diversity. Western Ghats, nearly 1600 KM long chain of mountains along the western side of Indian Peninsula, has been declared one of the bio-diversity Hot Spots by IUCN. Southern Western Ghats where the forests of Kerala are situated are supporting more bio-diversity when compared 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.

4.13.2 At present there are 11 Wildlife Divisions under three Wildlife Circles. The wing manages 3213.237 KM<sup>2</sup> 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.

SINo.	Name	Area(KM <sup>2</sup> )	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 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

<b>SlNo.</b>	<b>Name</b>	<b>Area(KM<sup>2</sup>)</b>	<b>Year of formation</b>
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
<b>Total</b>		<b>3213.237</b>	

\* Includes Periyar National Park(350 Sq.KM) Is included in Periyar Wildlife Sactoury

\*\* Includes 148 KM<sup>2</sup> of buffer zone added to Bhavani range during 2007

4.13.3 As a result of constitution of Wildlife Wing and more Sanctuaries and National Parks as well as shift in the priorities as per National Forest Policy - 1988, more attention had to be focused on wilderness areas, natural forests, conservation of wildlife and bio-diversity, etc. Activities such as habitat management, maintenance of marshes and swamps, maintenance of water holes, regeneration of degraded ecosystems and fire control gained tremendous importance and became inevitable for sustained and scientific management of Sanctuaries and National Parks.

4.13.4The works for conservation of bio-diversity in protected areas mainly include habitat improvement, fire protection, development of water holes, eco-development, eco-tourism, extension and education, wildlife census, research, development of infrastructure for protection, etc. All these works are periodic and recurring in nature which has to be executed with diligence during every season. Wildlife Wing is lookingafter all these activities.

4.13.5Though forest offences relating to illicit collection of timber, fire wood, minor forest produce etc. are declining, high value wildlife crimes such as illicit trade in tiger skin, leopard skin, elephant tusk, snake venom, barn owl, star tortoise, sand boa, etc. are increasing. Many of such high value wildlife crimes have inter-state and international ramifications. It was in view of this fact; Wildlife Crime Control Bureau has been constituted by the Government of India at centre with a few

regional offices. Incidence of such serious wildlife crimes are dealt in co-ordination with agencies like the Wildlife Crime Control Bureau and other state forest departments.

4.13.6The department is also implementing large number of eco- tourism activities in the protected areas. The tribals and other forest dependent communities are being given employment opportunities with a view to enlisting their co-operation in protection activities through specific ecotourism 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.

4.13.7It is worth mentioning that the department could arrange to produce organic pepper and export it from Vanchivayal, Mannakkudy and Paliyakkudy tribal colonies in Periyar Tiger Reserve.

4.13.8.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.

4.13.9.Scientific management of Sanctuaries and National Parks require constant monitoring of health of wild animals to check the spread of diseases. Many contagious diseases can be carried to wild animals from domestic cattle straying into the forest areas. For veterinary care, the department has only 3 Veterinary Surgeons. However, 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 Officershave been created on deputation from Animal Husbandary Department.

4.13.10Protection of Wildlife in areas outside forests and protected areas is also given equal priority by the Forest Department. Chief Wildlife Warden and Wildlife Wardens are the Statutory Authorities as per Wild Life (Protection) Act, 1972. The department is also paying special attention for the protection of sacred groves, mangroves and wetland as well.

4.13.11 Human-Animal Conflicts: -Human – animal conflict is a perpetual problem confronted by the local people who inhabit the fringe areas of forest. This often results in serious injury, permanent disability, crop damage, cattle loss, damage to habitations and loss of life of human beings which in turn may end up in retaliatory killing of wild animals. The wild elephants and wild boar dominate the scene and cause damages. Forest Department has so far done many proactive measures such as digging elephant proof trenches, creating elephant proof walls and constructing solar powered electric fences 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 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 conditions and procedure prescribed in the above order and extended the period for 3 years from 04.08.2012. A total of 7229 incidents of human-animal conflicts reported in Kerala during 2017-18.

<b>No of incidents</b>	<b>Snake</b>	<b>Elephant</b>	<b>Wild Boar</b>	<b>Wild Gaur</b>	<b>Tiger</b>	<b>Leopard</b>	<b>Others</b>	<b>Total</b>
Human death	92	21	3	1	2	0	0	119
Human injured	649	45	103	3	12	1	33	846
Cattle death	15	166	1	2	97	192	88	561
Crop damage and property loss	0	3236	1194	4	190	7	1072	5703
<b>Total</b>	<b>756</b>	<b>3468</b>	<b>1301</b>	<b>10</b>	<b>301</b>	<b>200</b>	<b>1193</b>	<b>7229</b>

4.13.12 The wing continued its pro-active actions in mitigating the increasing problem of man-animal conflict 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. Details of the major preventive structures constructed to mitigate human-wildlife conflict are as given below:

<b>Circle</b>	<b>Solar Fencing (KM)</b>	<b>Elephant proof trench (KM)</b>	<b>Elephant proof wall (KM)</b>	<b>Stone Pitched trench (KM)</b>	<b>Bio fence (KM)</b>	<b>Kayyala (KM)</b>
Northern	589.85	196.57	149.27	0.26	0.00	5.12
Estern	381.34	26.95	6.99	1.18	0.00	49.29
Central	218.48	12.58	0.34	1.08	0.00	6.45
HRC	118.52	5.41	0.45	0.00	24.22	13.09
Southern	269.51	75.41	6.44	1.33	2.45	155.02
WL Palakkad	331.91	249.66	12.38	2.18	0.00	0.04
FDPT	104.35	41.71	1.14	0.27	0.00	18.17
ABP	79.65	10.11	0.00	0.00	0.00	1.64
<b>TOTAL</b>	<b>2093.60</b>	<b>618.40</b>	<b>177.01</b>	<b>6.30</b>	<b>26.67</b>	<b>248.82</b>

4.13.13 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 2017-18, an amount of ₹10,18,68,291/- was distributed to the victims. The details are given below:

<b>Item</b>	<b>No. of applicants</b>	<b>Amount paid</b>
Human death	168	19,82,1250
Human Injured	953	2,70,75,366
Cattle Loss	443	63,27,110
Crop damage and property loss	7769	4,86,44,565
<b>Grand Total</b>	9333	10,18,68,291

4.13.14 Wildlife Census: - Wildlife Census is conducted in the forest areas of Kerala including the protected areas. Previously, wildlife census was conducted in 1993, 2002 and 2011. In addition to the general wildlife census, where population estimation of major mammals are attempted to separate population estimation is conducted for species like tiger and elephant.

a) Tiger Census:-Monitoring of tigers,co-predators,their prey and habitats was carried out in the forests of Kerala as part of the All India Tiger Estimation, as per the guidelines issued by National Tiger Conservation Authority(NTCA) from 16<sup>th</sup> to 23<sup>rd</sup> December 2013. The status report of tigers in Kerala has increased to 136 from the population of 112 in 2010. The report states that the tiger population and occupancy has shown a substantial increase in the Western Ghats landscape. A comparison of the population of tigers as per the past estimations is as follows:

Estimated Tiger population in Kerala

2006	2010	2014
46	71	136

b) Nilgiri Thar Census:- The Nilgiri Thar is an endemic species showing restricted distribution in the mountain landscapes of Southern Western Ghats in the states of Kerala and Tamil Nadu. Low population status, restricted/discontinuous distribution and human intervention in a highly fragile ecosystem brought Nilgiri Thar 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 Thar in the Eravikulam National Park during last 5 years surveys are given below:



Estimated Population of Nilgiri Tahr for the Last Five Years

2012	2013	2014	2015	2016	2017
789	873	894	900	1420	Estimation not conducted

4.13.15 List of Elephant Corridors

SI No.	Name of the Corridor	Area	Forest type	Legal Status	Major Land Use	Habitations in Corridor	Villages Dependent on Corridors
1	2	3	4	5	6	7	8
1	Nilambur Kovilakom -New Amarambalam(Vazhikkada vu), Nilambur North Division	Length: 1 KM Width:0.5 KM	Tropical Semi evergreen	RF	Forest & plantation	Nil	Vazhikkadaavu & Karakkodu
2	Periyaat Pakranthalam, North Wayanad Division	Length: 0.5 KM Width:0.2 KM	Tropical Moist Deciduous	RF	Forest, Fallow land & Settlement	Pakranthalam & Panoth	Pakranthalam, Panoth & Niravil puzha
3	Tirunelli- Kudrakote, North Wayanad Division	Length:6 KM Width:1-1.5 KM	Tropical Moist Deciduous & Teak plantation	RF with small part as pattalands	Forest settlements, agriculture & plantation	Edayuruavayal	Appapara, Vaduvakkalim, Edayuruavayal, Pulayankolli, Thirunelli, Padaladi

Sl No.	Name of the Corridor	Area	Forest type	Legal Status	Major Land Use	Habitations in Corridor	Villages Dependent on Corridors
1	2	3	4	5	6	7	8
4	Kottiyoor-Periya- Kannur, North Wayanad Division	Length:0.5 KM Width:0.1 KM	Tropical Semi evergreen	RF	Forest settlement	Periya, Pokkottu- Chapparam, Chandanathodu & CRP Kunnu	Periya, Pokkottu- Chapparam, Chandanathodu, CRP Kunnu&Alatti

4.13.16. Wild Animals Rescued: -During the year 2017-18, many cases of human-animal conflicts were identified and further action was taken on 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.

4.13.17 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

Details of Rapid Response Team are given below:

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	8547600725	0475227 0100
Ranni	Ranni	Ranni	Dy.RFO Ranni	8547600927	
Tvm-Vithura	Pepara	Tvm	RO-Paruthipally	8547600960	0472-2854022

Location	Head Quarter	Territorial division to which the team is attached	Officer in charge of the Team	Contact number	
				Mobile	Office
Marayoor	Marayoor	Marayoor sandal Division	RFO, Special investigation unit Marayoor	9447979096	04865-252988
Munnar	Devikulam	Munnar Division	RFO, Munnar	8547601337	04865-264377
Nilambur-Aruvakkad	Nilambur	Nilambur North	Dy.RFO	8547602200	0493122 0005
Mannarkad	Mannarkad	Mannarkad	RFO Mannarkad	8547602315	0492422 2875
Palakkad	Palakkad	Palakkad	Dy.RFO, Olavakkode	8547602100	0491255 2815
Thamarasery	Thamarasery	Kozhikode	Dy.RFO	8547602828	0495222 3720
Kannur	Taliparamba	Kannur	Dy.RFO	8547602678	0460220 6696
Kasaragod	Kasaragod	Kasaragod	RFO, Kasargod (temporary arrangement)	8547602576	0499422 5072
Peerumedu	Peerumedu	Peerumedu	RFO, Azhutha	8547603123	0486923 3710
Sulthan Bathery	Kuppady	Wayanad Wildlife Divison	RFO, elephant Squard & RRT Range, Wayanad Wildlife Divison	8547603563	0493622 3500

#### 4.13.18 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 ₹ 80 crores for relocation of 800 eligible families from 14 settlements from the sanctuary. Govt. of India commenced financing for the proposal from the year 2011-12 onwards, giving a compensation of ₹10 lakhs for eligible family. About 192 eligible families from seven settlements have already been translocated utilising a fund of ₹.21.68 crores. The translocation procedure is under progress in two other settlements and relocation of 240 families is currently in progress.

#### **4.14 Working Plan & Research (WP&R) Wing**

4.14.1 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 7 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 centre at KFRI; Peechi is being jointly managed by DCF, Research North and KFRI.

4.14.2 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. There is enormous amount of data generated from these plots which needs statistical analysis, each plot wise / species wise so as to decipher the trends in the species experiments, will be of immense technical and scientific help for the forestry management in Kerala.

4.14.3 Growing Stock Inventory: - It includes, individual tree species stand or forest type; 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 records, biomass carbon stocks, status of plantations etc.

4.14.4 Vegetation Survey: It includes 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.

- a) Assessment of flagship faunal species and their special habitats
- b) Survey of forest soils and assessing soil organic carbon stock

c) Socio-economic survey to assess the dependence on forests for livelihood needs.

4.14.5 Status of working plan: - Out of 25 territorial forest divisions, 21 divisions are having current Working Plans approved by Government of India.

Status of working plans as on 31.03.2018 is shown below.

Sl No.	Division	Valid till	Status
Divisions where approved Working Plan or Management Plan is available			
1	Thenmala	31.03.2019	Working Plan is current
2	Achenkoil	31.03.2018	Working Plan is current
3	Punalur	31.03.2021	Working Plan is current
4	Munnar	31.03.2020	Working Plan is current
5	Marayoor	31.03.2020	Working Plan is current
6	Mankulam	31.03.2022	Working Plan is current.
7	Thrissur	31.03.2024	Working Plan is current
8	Palakkad	31.03.2019	Working Plan is current.
9	Nilambur(South)	31.03.2024	Working Plan is current.
10	Mannarkkad	31.03.2022	Working Plan is current
11	Kozhikkode	31.03.2021	Working Plan is current
12	Kannur	31.03.2023	Working Plan is current.
13	Wayanad(South)	31.03.2022	Working Plan is current
14	Kasargod	31.03.2023	Working Plan is current
15	Ranni	31.03.2024	Working Plan is current
16	Nilambur(North)	31.03.2025	Working Plan is current
17	Konni	31.03.2025	Working Plan is current
18	Nenmara	31.03.2025	Working Plan is current
19	Kottayam	31.03.2017	New working plan is under preparation.
20	Chalakkudy	31.03.2017	New working plan is under preparation.
21	Vazhachal	31.03.2017	New working plan is under preparation.
22	Malayattoor	31.03.2025	Working Plan is current
23	Wayanad(North)	31.03.2025	Working Plan is current
24	Thiruvananthapuram	31.03.2017	New working plan is under preparation.
25	Kothamangalam	31.03.2026	Working Plan is current

4.14.6 Kerala Forest Seed Centre: - With the help of Kerala Forest Research Institute, an excellent facility for seed testing, grading and certification at Peechi has been established and it is known by the name Kerala Forest Seed Centre (KFSC). During 2017-18, 8939.78 Kgs of Teak seeds and 370 kg miscellaneous seedswere collected.

4.14.7 The following are the identified Teak plantations developed as Teak Seed Production Areas (TSPAs) with all the desired scientific inputs.

Sl No.	Location	Forest Division	Year	Area(Ha)
<b>TSPA under Research North Division, Trissur(existing)</b>				
1	Elival	Palakkad	1971	41.84
2	Cherupuzha	Nilambur North	1971	20.00
3	Sankarankodu		1961	42.00
4	Poolakkappara		1970	44.70
5	Nedungayam		1972	28.29
6	Nedungayam		1973	65.00
7	Nedungayam		1970	63.44
8	Kariyamuriem		1974	56.43
9	Althur BitII		Waynad North	1981
10	Althur Bit I	1981		57.00
11	Madhamangalam	1976		55.00
12	Madhamangalam	1977		47.00
13	Chiyambam	1978		50.00
14	Pallichera(Changambam)	1981		61.00
			<b>Sub total</b>	<b>695.70</b>
<b>TSPA under Research South Division</b>				
15	Kummannor	Konni	1978	17.60
16	Kummannor		1979	12.50
17	Kummannor		1980	13
18	Little Kondody		1965	16.97
19	Naduvathumoozhy		1964	12.74
20	Perumthomoozhy		1963	10.00
21	Chembanaruvi		1979	67.00
22	Alingamon	Achenkovil	1987	18.28
23	Kodamala		1987	37.10
24	Adukuzhy	Ranni	1983	45.50

<b>Sl No.</b>	<b>Location</b>	<b>Forest Division</b>	<b>Year</b>	<b>Area(Ha)</b>
25	Kalaketty		1954	42.00
26	Adukuzhy		1983	45.50
27	Mullappana	Chalakkudy	1976	126
<b>Sub total</b>				<b>300.50</b>
<b>New TSPA under Research North,Thrissur (taken up during 2016-17)</b>				
28	Poolakkappara	Nilambur South	1969	55.14
29	Elenjeri	Nilambur North	1975	31.00
30	Aravallikkavu		1983	25.70
31	Udayakkara	Wayanad South	1983	54.45
32	Pallichira		1980	41.10
33	Pannimudi	Nenmara	1981	60.24
34	Pannimudi		1979	52.00
<b>Sub total</b>				<b>319.63</b>
<b>Grand Total</b>				<b>1315.83</b>

4.14.8 Statistics Wing: - This wing is attached to Working Plan and Research Wing of the headquarters. The wing is headed by 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 and the headquarter wing is processing the same 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 of various schemes implemented by the department. This wing is also entrusted with the work of furnishing statistical reports to different agencies of Government of India and State Government. So far annual reports upto the year 2017-18 are prepared.

4.14.9 Research studies and Surveys: - Comparative study of root trainer and stumps were conducted in 3 plots in Nilambur,Palakkad and Mananthavady units measurements weretaken and recorded promptly.

## Chapter 5

### FINANCIAL RESULTS

#### Revenue and Expenditure

The Forest Revenue realised during the year 2017-18 was ₹245.42 crores against the target of ₹341.32 crores. The total expenditure incurred during the year was ₹587.15 crores.

The forest 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 ₹245.42 crores during 2017-18. Major portion of the forest revenue was from timber. During 2017-18, ₹212.92 crores was collected towards revenue from the sale of timber alone which accounted for 86.76% of the total forest revenue. The comparative position of revenue and expenditure for the year 2017-18 and 2016-17

is given in table 5.1

**Table 5.1-The comparative position of revenue and expenditure**

Year	Revenue (₹in crores)	Expenditure (₹in crores)		
		Plan	Non Plan	Total
2017-18	245.42	188.03	399.12	587.15
2016-17	296.85	239.02	368.14	607.16

**Table 5.2-Revenue from Timber and other Forest Produce**

Sl No.	Head of Account	(₹in lakhs)
1	2	3
<b>0406-01-101 Sale of Timber and other Forest produces.</b>		
1	99 Timber	21292.92
2	98 Firewood and Charcoal	131.55
3	97 Receipts from sale of forest produce coming under the Kerala private forest (Vesting and Assignment) Act.	50.10
4	96 Receipts from forest development tax	1077.07
5	95 Receipts under Kerala Forest Produce	-7.36
6	94 Other Items	313.78
<b>Total (101)</b>		<b>22858.06</b>
<b>0406-01-800 Other Receipts</b>		
1	99 Interests on Arrears of Forest Revenue	62.24
2	98 Receipts from Wildlife department	197.07
3	97 Scheme for Provision of House Sites and houses to	0.09



Sl No.	Head of Account	(₹in lakhs)
	Landless Workers in Rural Area - Free Supply of Timber	
4	96 Revenue Realised from the KFDC on the sale proceeds of residual growth	1.52
5	95 Other Items	1674.83
6	94 Livestock	0.00
7	93 Integrated Wasteland Development Programme	0.05
8	92 Central assistance for NOVOD sponsored development of tree born oil seeds	0.01
9	91 Receipts on account of Lapsed and Confiscated Deposits	0.00
10	90 Forest Land Lease rent	130.59
<b>Total (800)</b>		<b>2066.40</b>
<b>Grand Total</b>		<b>24924.46</b>
	Refunds (0406-01-900-00)	382.89
	<b>Net Revenue</b>	<b>24541.57</b>

### 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 2017-18 an amount of ₹1077.07 lakhs was collected.

### Outstanding on Account of Forest Revenue

An amount of ₹371.01 crores is outstanding on account of forest revenue at the end of the year 2017-18.

### Outlay and Expenditure

The outlay and expenditure during 2016-17 and 2017-18 is given in Table 5.3

**Table 5.3-Outlay and Expenditure** (₹in crores)

Schemes	2016-17		2017-18	
	Outlay	Expenditure	Outlay	Expenditure
State sector	219.38	195.98	238.40	163.25
Central sector	66.12	42.29	68.85	24.33
EAP	0.75	0.75	0.45	0.45
<b>Total (Plan)</b>	<b>286.25</b>	<b>239.02</b>	<b>307.70</b>	<b>188.03</b>
Non Plan	353.77	368.14	435.59	399.12
<b>Grand Total</b>	<b>640.02</b>	<b>607.16</b>	<b>743.29</b>	<b>587.15</b>

The Plan expenditure under forestry sector during 2017-18 was ₹188.03 crores, which is 61.11% of the total plan outlay. Out of this, state sector

accounted for ₹163.25 crores and the expenditure for central sector including Externally Aided Project was ₹ 24.78 crores.

### Developments under 13<sup>th</sup> Five Year Plan

The year 2017-18 is the first year of the 13<sup>th</sup> Five Year Plan. The target and achievement are given in Table 5.4

**Table 5.4-Yearwise target and achievement during XIII Five Year Plan** (₹in Crores)

Year	Target	Achievement
2017-18	307.70	188.03

### Outlay and Expenditure under Plan Schemes

During 2017-18, an expenditure of ₹18802.832 lakhs was incurred against the budget provision of ₹30769.735 lakhs. Details of budget head wise allotment and expenditure are shown in Table 5.5

**Table 5.5- Achievements on Plan Schemes (Financial) during 2017-18**

Sl No.	Scheme & Head of Account	Financial (₹. in lakhs )	
		Budget Outlay	Expenditure
1	2	3	4
<b>A. State Sector Schemes</b>			
<b>I</b>	<b>Management of Natural Forests</b>		
1	Forest Protection (2406-01-101-81)	2546.000	2492.375
2	Forest Protection (Survey of Forest Boundaries & Forest Protection) (4406-01-101-99)	2750.000	2612.529
3	Regeneration of Denuded Forests (2406-01-101-94)	100.000	97.542
4	Non-wood forest produce including Promotion of medicinal plants (2406-01-101-80)	195.000	192.923
<b>Sub Total</b>		<b>5591.000</b>	<b>5395.369</b>
<b>II</b>	<b>Improving Productivity of Plantations</b>		
1	Hard Wood Species (4406-01-105-87)(1)	600.000	598.829
2	Industrial Raw Materials (4406-01-105-87)(2)	780.000	782.131
<b>Sub Total</b>		<b>1380.000</b>	<b>1380.960</b>
<b>III</b>	<b>Infrastructure Development</b>		
1	Roads (4406-01-070-99)	450.000	437.140
2	Buildings (4406-01-070-97)	650.000	560.204
<b>Sub Total</b>		<b>1100.000</b>	<b>997.344</b>
<b>IV</b>	<b>Bio-diversity Conservation and PA Management</b>		
1	Conservation of Biodiversity(2406-02-110-68)	525.000	522.744

Sl No.	Scheme & Head of Account	Financial (₹. in lakhs )	
		Budget Outlay	Expenditure
2	Eco Development Programme (2406-02-110-56)	350.000	341.024
<b>Sub Total</b>		<b>875.000</b>	<b>863.768</b>
<b>V</b>	<b>Eco-Tourism (4406-01-800-91)</b>	<b>900.000</b>	<b>453.901</b>
<b>VI</b>	<b>Human Resource Development</b>		
1	Training (2406-01-003-97)	300.000	273.158
<b>VII</b>	<b>Resource Planning &amp; Research (2406-01-004-92)</b>	<b>214.000</b>	<b>178.481</b>
<b>VIII</b>	<b>Forest Management IS&amp;GIS (2406-01-800-57)</b>	<b>150.000</b>	<b>113.404</b>
<b>IX</b>	<b>Extension Community Forestry &amp; Agro Forestry (2406-01-800-55)</b>		
1	(01) Extension Forestry	1400.000	1364.421
<b>X</b>	<b>Works with assistance from RIDF (4406-01-800-90)</b>	<b>4500.000</b>	<b>1677.191</b>
<b>XI</b>	<b>Measures to reduce Man Animal Conflict (2406-01-800-56)</b>	<b>1340.000</b>	<b>1313.843</b>
<b>XII</b>	<b>Zoological Park, Wildlife Protection and Research Centre, Puthur (2406-02-110-48)</b>	<b>500.000</b>	<b>500.000</b>
<b>XIII</b>	<b>Zoological Park Wildlife Protection and Research Centre, Puthur (2406-02-110-97)</b>	<b>1000.000</b>	<b>0.000</b>
<b>Sub Total (A)</b>		<b>19250.000</b>	<b>14511.840</b>
<b>B. Schemes with Central Assistance (60% CSS)</b>			
<b>i.</b>	<b>Sanctuaries</b>		
1	Neyyar Wildlife Sanctuary (2406-02-110-39)(01)	287.500	64.773
2	Wayanad Wildlife Sanctuary (2406-02-110-39)(02)	400.000	131.623
3	Idukki Wildlife Sanctuary (2406-02-110-39)(03)	237.500	62.891
4	Peehi Vazhani Wildlife Sanctuary (2406-02-110-39)(04)	175.000	73.220
5	Wildlife Sanctuary – Peppara (2406-02-110-39)(05))	150.000	52.937
6	Wildlife Sanctuary – Schendurney (2406-02-110-39)(6)	150.000	68.874
7	Wildlife Sanctuary -Chimmony (2406-02-110-39)(7)	150.000	66.588
8	Wildlife Sanctuary – Aralam (2406-02-110-39) (8)	81.600	69.294
9	Wildlife Sanctuary – Chinnar (2406-02-110-39) (09)	225.000	54.986
10	Bird Sanctuary at Thattekkad (2406-02-110-39)(10)	105.900	34.479
11	Mangalavanam Bird Sanctuary (2406-02-110-39)(11)	50.000	6.860
12	Kurinjimala Sanctuary (2406-02-110-39)(12)	87.500	18.906
13	Chulannur Peacock Sanctuary (2406-02-110-39)(13)	70.000	9.481
14	Malabar Wildlife Sanctuary (2406-02-110-39)(14)	112.500	23.425
15	Kottiyoor Wildlife Sanctuary (2406-02-110-39)(15)	187.500	27.248

Sl No.	Scheme & Head of Account	Financial (₹. in lakhs )	
		Budget Outlay	Expenditure
	<b>Sub Total</b>	<b>2470.000</b>	<b>765.585</b>
<b>ii.</b>	<b>National Parks</b>		
1	Eravikulam National Park(2406-02-110-38)(01)	387.500	168.222
2	Silent Valley National Park(2406-02-110-38)(02)	525.000	156.728
3	Anamudi Shola National Park(2406-02-110-38)(03)	162.500	20.100
4	Mathikettan Shola National Park(2406-02-110-38)(04)	162.500	21.957
5	Pampadum Shola National Park(2406-02-110-38)(05)	162.500	19.923
	<b>Sub Total</b>	<b>1400.000</b>	<b>386.930</b>
<b>iii.</b>	<b>Community Reserve</b>		
1	Integrated Development of Wildlife Habitats Management of Community Reserve (2406-02-110-37)(01)	30.000	4.680
	<b>Sub Total</b>	<b>30.000</b>	<b>4.680</b>
<b>iv.</b>	<b>Project Tiger</b>		
v.	Project Tiger Parambikulam Tiger Reserve (2406-02-110-36)(01)	1100.000	697.912
vi.	Project Tiger Parambikulam Tiger Reserve (2406-02-110-36)(02)	725.000	524.129
	<b>Sub Total</b>	<b>1825.000</b>	<b>1222.041</b>
vii.	Project Elephant(2406-02-110-35)	805.000	718.723
viii.	Integrated Forest Protection Scheme (2406-01-800-54)	350.000	326.419
ix.	Integrated Development of Wildlife Habitat (Protection of Wildlife Outside Protected Areas (2406-02-110-52))	343.200	236.565
x.	Nilgiri Biosphere Reserve(2406-02-110-34)	275.000	148.796
xi.	Agasthyamala Biosphere Reserve(2406-02-110-33)	275.000	177.802
xii.	Wetland Conservation(2406-02-110-32)	294.735	258.451
xiii.	Integrated Development of Wildlife Habitats to Wayanad Wildlife Sanctuary for Voluntary Relocation of Settlements from Protected Areas (2406-02-110-31))	656.800	0.000
xiv.	National Afforestation Programme(2406-01-102-86)	2750.000	0.000
	<b>Sub Total (B)</b>	<b>11474.735</b>	<b>4245.992</b>
<b>C.</b>	<b>Externally Aided Project(EAP)</b>		
1	Conservation & Rural Livehood Improvement Project(2406-02-110-41)	45.000	45.000
	<b>Sub Total (C)</b>	<b>45.000</b>	<b>45.000</b>
	<b>Grand Total (A+B+C)</b>	<b>30769.735</b>	<b>18802.832</b>

## **Outlay and Expenditure under Non-Plan Schemes**

An expenditure of ₹39912.395lakhs was incurred against the budget provision of ₹ 43558.600lakhs during 2017-18. Details on budget head wise allotment and expenditure are shown in Table 5.6

**Table 5.6-Achievements on Non-plan Schemes (Financial) during 2017-18.**

Sl No.	Scheme & Head of Account	2017-2018 (₹. in Lakhs )	
		Outlay	Expenditure
<b>I</b>	<b>Direction &amp; Administration (2406-01-001)</b>		
1	Office of the Chief Conservator of Forests (2406-01-001-99)	1967.260	1507.072
2	Office of the Conservator of Forests (2406-01-001-98)- Circle Office	1056.58	721.048
3	Working Plan & Research Circle (2406-01-001-97)	91.270	57.888
4	Vigilance & Evaluation Wing (2406-01-001-96)	1803.550	1537.052
5	District Offices (2406-01-001-95)	13327.350	12935.200
6	Statistical Cell (2406-01-001-94)	5.340	5.078
7	Timber Sales Division (2406-01-001-93)	674.210	648.301
8	FD Fund Collection of add. tax on sales of Forest Produce (2406-01-001-92)	0.010	0.000
<b>Sub Total</b>		<b>18925.570</b>	<b>17411.639</b>
<b>II</b>	<b>Education &amp; Training (2406-01-003)</b>		
1	Training (2406-01-003-99)	431.780	399.270
<b>Sub Total</b>		<b>431.780</b>	<b>399.270</b>
<b>III</b>	<b>Forest Research (2406-01-004)</b>		
1	Forest Research & Training (2406-01-004-99)	68.680	57.115
2	Payment out of the KFDF for Forest Research (2406-01-004-95)	65.000	63.750
<b>Sub Total</b>		<b>133.680</b>	<b>120.865</b>
<b>IV</b>	<b>Survey and Utilization of Forest Resources ( 2406-01-005)</b>		
1	Forest Resources Survey(2406-01-005-99)	51.320	51.752
2	Survey of Forest Boundaries (2406-01-005-98)	215.730	186.327
<b>Sub Total</b>		<b>267.050</b>	<b>238.079</b>
<b>V</b>	<b>Statistics (2406-01-013)</b>		
1	Planning & Statistical Cell (2406-01-013-99)	197.960	192.330
<b>Sub Total</b>		<b>197.960</b>	<b>192.330</b>
<b>VI</b>	<b>Communication &amp; Buildings (2406-01-070)</b>		
1	Roads & Bridges (2406-01-070-99)	56.000	47.762

Sl No.	Scheme & Head of Account	2017-2018 (₹. in Lakhs )	
		Outlay	Expenditure
2	Buildings (2406-01-070-98)	192.510	141.677
<b>Sub Total</b>		<b>248.510</b>	<b>189.439</b>
<b>VII</b>	<b>Forest Conservation Development &amp; Regeneration (2406-01-101)</b>		
1	Forest Consolidation & Acquisition of Private Forests(2406-01-101-99)	4509.630	3832.139
2	Working Plans, Evaluation Survey, etc. (2406-01-101-98)	2.500	1.984
3	Silvicultural Works (2406-01-101-97)	8.000	7.828
4	Fire Protection Work (2406-01-101-96)	24.170	18.340
5	Compensatory Afforestation (2406-01-101-92)	6.000	2.587
6	Amount met out of KFDF for Planting Softwood Trees (2406-01-101-91)	400.000	381.845
7	Transfer to the fund for TEAK under the Kerala Forest Revolving Fund for Teak and Pulpwood Rules,1999 (2406-01-101-90)	1000.000	968.029
8	Transfer to the fund for PULPWOOD under the Kerala Forest Revolving Fund for Teak and Pulpwood Rules,1999 (2406-01-101-89)	560.000	559.841
9	Forest Protection (2406-01-101-81)	5248.640	4597.529
<b>Sub Total</b>		<b>11758.940</b>	<b>10370.122</b>
<b>VIII</b>	<b>Social &amp; Farm Forestry (2406-01-102)</b>		
1	Plantation of fast growing species (2406-01-102-99)	401.060	391.617
2	Ecology Development World Bank Assisted Social Forestry (2406-01-102-98)	2808.460	2598.056
3	Ecology Development World Bank Assisted Social Forestry, Phase-II (2406-01-102-92)	158.140	156.439
<b>Sub Total</b>		<b>3367.660</b>	<b>3146.112</b>
<b>IX</b>	<b>Forest Produces (2406-01-105)</b>		
1	Timber & Other Produces removed by Govt. Agencies (2406-01-105-99)	2500.000	2440.789
2	Firewood & Charcoal removed by Govt. Agencies (2406-01-105-98)	10.000	3.551
3	Other Produce removed by Govt. Agencies (2406-01-105-97)	0.080	0.000
4	Timber & Other Produces removed by Consumers (2406-01-105-96)	0.070	0.068
5	Confiscated Forest Produce, Drift wood, etc. (2406-01-105-95)	1.150	0.087
6	Livestock (2406-01-105-94)	550.000	568.951

Sl No.	Scheme & Head of Account	2017-2018 (₹. in Lakhs )	
		Outlay	Expenditure
7	Miscellaneous Advance Suspense (2406-01-105-93)	17.000	0.323
8	Teakwood (2406-01-105-92)	1108.150	1008.844
9	Softwood (2406-01-105-91)	148.570	100.808
<b>Sub Total</b>		<b>4335.020</b>	<b>4123.421</b>
<b>X</b>	<b>Other Expenditure (2406-01-800)</b>		
1	Forest Publicity(2406-01-800-98)	62.910	66.000
2	Forest Protection(2406-01-800-95)	1.000	0.232
3	Intensification of Forest Management (2406-01-800-93)	171.200	231.550
4	Relief to Victims Affected by the Attack of Wild Animals (2406-01-800-92)	406.950	402.377
5	Rewards to Informants (2406-01-800-91)	0.300	0.070
<b>Sub Total</b>		<b>642.360</b>	<b>700.229</b>
<b>XI</b>	<b>Wildlife Preservation (2406-02-110)</b>		
1	Wildlife Preservation (2406-02-110-99)	2232.770	2132.046
2	Periyar Tiger Reserve Project (2406-02-110-93)	306.170	270.479
3	Eco-Development Global Environmental Facilities (2406-02-110-69)	113.890	75.984
4	Conservation of Bio-diversity (2406-02-110-68)	542.680	487.855
<b>Sub Total</b>		<b>3195.510</b>	<b>2966.364</b>
<b>XII</b>	<b>LAC ADS (4406-01-101)</b>		
1	Projects under Legislative Assembly Constituency Asset Development Scheme (4406-01-101-97)	54.550	54.525
<b>Sub Total</b>		<b>54.550</b>	<b>54.525</b>
<b>XIII</b>	<b>EFL (4406-01-102)</b>		
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
<b>Sub Total</b>		<b>0.010</b>	<b>0.000</b>
<b>Grand Total</b>		<b>43558.600</b>	<b>39912.395</b>

Note: - Since the reconciliation process of the Financial Year 2017-18 was not completed, figures given in tables 5.5 and 5.6 are as per the report of Accountant General.

**Funds received directly from Government of India:**-The scheme-wise funds received directly from Government of India and the expenditure incurred during 2017-18 is given in Table 5.7.

**Table 5.7-Expenditure on funds received directly from the Govt. of India**

<b>Scheme</b>	<b>Amount Released during 2017-18 (₹. in lakhs)</b>	<b>Expenditure Incurred (₹. in Lakhs)</b>
CAMPA	800.00	240.45

Note: APO for the year 2014-15 to 2017-18 were approved by State CAMPA Steering Committee meeting held on 14.11.2017 and was send to Adhoc CAMPA for release of funds. Accordingly, an amount of Rs. 8 crore for the Financial Year 2014-15 & 2015-16 was released during 2017-18.

**Table 5.8-Work done during the year for other Governement Departments, autonomous bodies, local bodies or agencies and expenditure incurred: -**

<b>Sl No.</b>	<b>Source</b>	<b>Benificiary Circle / Division</b>	<b>Purpose</b>	<b>Expenditure (₹. In lakhs)</b>
1	Petronet LNG Ltd	Social Forestry Eranakulam	Mangrove Afforestation	14.34
2	Petronet CCK Ltd		Compensatory Afforestation	10.18
			Fixing Bamboo Tree guards	4.55



**Chapter 6**  
**INFRASTRUCTURE**

**6.1 Roads**

Details of roads maintained by the Forest Department as on 31.03.2018 are shown below.

<b>Sl No.</b>	<b>Type of Road</b>	<b>Length (KM)</b>
1	Cement Concrete	24.331
2	Black Topped	456.069
3	Metalled	896.171
4	Earthern Road(Un-Surfaced)	3415.234
	<b>Total</b>	<b>4791.805</b>

Of the **4791.805KM**, length of motorable road is 4001.400KM and that of non-motorable road is 790.405KM.

**6.2 Buildings**

Details of buildings maintained by the departments as on 31.03.2018 are shown below.

<b>Sl No.</b>	<b>Item</b>	<b>No.</b>
1	Office Buildings	324
2	Rest Houses / Government Cottages/IB	77
3	Quarters	
	a) Type VI	19
	b) Type V	16
	c) Type IV	60
	d) Type III	220
	e) Type II	661
	f) Type I	342
	g) Other quarters	171
4	Dormitories	91
5	Community Halls	38
6	Forest Stations and Associated buildings	144
7	Other Buildings	1005
	<b>Total</b>	<b>3168</b>

### 6.3 Vehicles

6.3.1 Forest Department possesses 783 different types of vehicles. Of these, 667 are in running condition and 116 are not in running condition. The detailed list is shown below.

Sl No.	Vehicles	No. of vehicles		Total Number of Vehicles
		In running condition	Not in running condition	
1	2	3	4	5
1	Ambassador Car/ Other Cars	45	8	53
2	Mahindra Xylo/XUV/Scorpio	20	0	20
3	Bolero	107	4	111
4	Mahindra Jeep	198	45	243
5	Innova	28	0	28
6	Invader	8	0	8
7	Maruthy Gypsy	1	1	2
8	Mini Bus	12	1	13
9	Mini Van	1	1	2
10	Mini Lorry/ Lorry	5	1	6
11	Motor Cycle	116	48	164
12	Toyota Qualis	5	0	5
13	TataSumo/ Spacio	1	1	2
14	E Rickshaw	1	0	1
15	Tata Winger	1	0	1
16	Alpha pic up	1	0	1
17	Mahindra Thar	95	1	96
18	Boat	22	5	27
	<b>Total</b>	<b>667</b>	<b>116</b>	<b>783</b>

#### 6.4 Arms & Ammunition

Necessary arms & ammunition have been provided to the Divisional Forest Officers, Range Officers and Forest Station staff in vulnerable areas for effective protection of forests and wildlife. The details as on 31-03-2018 are as shown below.

Sl No.	Circle	No. of Rifles	No. of Revolvers	No. of Ammunition (Cartridges & Bullets)
1	Southern Circle, Kollam	31	11	277
2	High Range Circle, Kottayam	58	14	561
3	Central Circle, Thrissur	37	10	141
4	Eastern Circle, Palakkad	48	7	747
5	Northern Circle, Kannur	26	05	661
6	Agasthyavanam Biological Park, Thiruvananthapuram	13	06	1355
7	Field Director Project Tiger, Kottayam	161	19	2268
8	Wildlife, Palakkad	70	15	1548
9	Inspection & Evaluation, Kottayam	15	6	301
10	Inspection & Evaluation, Kozhikode	16	8	386
11	Estate Office, FHQ, Tvpm.	10	0	4065
	<b>Total</b>	<b>485</b>	<b>101</b>	<b>12310</b>

## **Chapter 7**

### **MISCELLANEOUS**

#### **7.1 Adalats**

During 2017-18, offence adalat, completion adalat, pending pension cases adalat and Local Audit Report (LAR) adalats were conducted at various offices.

#### **7.2 Seminars, Conferences & Workshops**

During 2017-18, Southern Circle, Kollam conducted various campaigns against forest fire for school children as well as public awareness campaign to tribals and general public against Maoist threat. Workshops for the preparation of Fire Management Plan and implementation were also conducted. High Range Circle, Kottayam conducted fire protection awareness rally, campaign, E-auction awareness class and workshops. Central Circle, Trissur conducted nature camps, medical camps, awareness classes and anti-plastic campaign. Eastern Circle, Palakkad conducted fire awareness campaigns, nature camps, workshop on managing human wildlife conflict and fire awareness campaigns. Northern Circle, Kannur conducted nature camps, awareness camps, medical camps and a seminar on bio-diversity conservation. ABP Circle conducted Wildlife week celebration, World environment day celebration and Elephant day celebration. FDPT, Kottayam conducted campaigns against forest fire, Media camp, Environment Day celebration, medical camp and Awareness classes as part of Wildlife week celebration. Social Forestry Circle, Kollam conducted wildlife week celebration in all Social Forestry divisions, painting, coloring, essay writing and elocution competitions among school and colleges students in connection with Wildlife week celebration. They conducted fire awareness campaign under CAMPA to the children of various schools, workshops, nature camps, medical camp, Dr. Salim Ali day celebration, Vanadarshan program, one day trainings, exhibitions, Student Police Cadet camp, NSS camp, wetland conservation day celebration, film shows, observance of International days rallies and seminars. Social Forestry Circle, Kozhikode conducted Nature camps, Seminars, Nature awareness classes, Environmental Day celebrations, workshops, Radio Talk at AIR and film shows. Social Forestry Circle, Eranakulam conducted nature camps, fire awareness classes, World Environment Day celebration, Wildlife week celebrations, seminars, etc.

Wildlife Circle, Palakkad conducted Wildlife Week celebration, nature awareness camp, Kadakam Film Festival, 'Ehuthinte Vanaparvam' to Kerala Sahithya Academy, Thulavarsha Pacha (drawing exhibition), training programmes, medical camp, seminars on NDPS Act, Workshops, International Tiger day, World Environment Day, World Elephant Day, World Earth Day, World Wildlife Day, World Water Day, World Tourism Day Celebrations, career guidance, Human-animal conflict, etc.

### **7.3 Fairs and Exhibitions**

During 2017-18, FDA Chalakudy participated in Bamboo fest at Eranakulam, Njattuvella Chantha at Annanadu, Padiyoor Fest, Coir Fest at Alappuzha and Trissur Pooram exhibition. FDA Vazhachal participated in Bamboo fest at Eranakulam, FDA Malayattoor participated in Gadhika Fest at Ponnani and Pathanapuram, Bamboo fest at Eranakulam, 'SAMETI' at Thrissur and Fisheries Fest at Eranakulam. Sale-cum exhibition of NWFP conducted at Valliyookavu in connection with Festival at Valliyookavu temple. NWFP collected and processed by Konni FDA was distributed to other FDAs for exhibition and sale. Exhibition conducted at Chemmannur in connection with Shivagiri Uthsavamat Attappady. Forest Pavilion in 'LACTA-2018' organized by Dairy Development Board at Chombala near Vadakara. Exhibition conducted during wildlife week celebration at Shenthurony and Kotoor. Exhibition conducted at Chemmannur in connection with Shivaratri Uthsavam at Attapady. Exhibitions were conducted by Social Forestry Circle, Kollam and Kozhikode.

**7.4 Implementation of the Right to Information Act, 2005 (RTI):** - The Right to Information Act, 2005 is being effectively implemented in the department. Out of the 2836 applications received, all were disposed of as on 31.03.2018. The details are furnished below.

#### 7.4.1 Suo Moto 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
<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>

#### 7.4.2 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
<b>1</b>	<b>330</b>	<b>0</b>	<b>115</b>

#### 7.4.3 Disposal of Information requests by Public Information Officers (Directly requested)

No. of Requests Pending at the end of Last Year	No. of Requests Received during the Year 2017-18	Total No. of Requests	No. of Requests Disposed	No. of Requests Rejected disposal
<b>19</b>	<b>2836</b>	<b>2855</b>	<b>2855</b>	<b>15</b>

#### 7.4.4 Information requests rejected by Public Information Officers (Directly requested)

Total No. of Requests Rejected	No. of Requests Rejected Under Section 8	No. of Requests Rejected Under Other Sections
<b>15</b>	<b>10</b>	<b>5</b>

#### 7.4.5 Disposal of first appeals by Designated Appellate Officers

No. of first Appeals pending with Appellate Officers as on 31-03-18	No. of first Appeals preferred during the Year 2017-18	Total No. of first Appeals with Appellate Officers	No. of First Appeals disposed	No. of rejected appeals out of first appeals disposed	No. of First Appeals pending for more than 45 days
<b>0</b>	<b>120</b>	<b>120</b>	<b>113</b>	<b>7</b>	<b>0</b>

#### 7.4.6 Penalties imposed & collected

Penalties imposed in previous year pending for collection	Penalties imposed by Information Commission under Section 20(1)	Total	Details of Penalties Collected
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#### 7.4.7 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)
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#### 7.4.8 Summary costs, fees and charges collected by Public Authorities (in ₹)

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
<b>4713</b>	<b>19581</b>	<b>21603</b>	<b>642</b>	<b>7514</b>	<b>54053</b>

The list of State Public Information Officers and Appellate Authorities of the department is at *Annexure 3*.

**7.5 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 Kerala entrusted with the task of implementation of the Forest Rights Act. Kerala Government had constituted a working group on 25-02-2008 for constitution of various committees and for working out modalities of implementation of the Act and to assign 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

7.5.1 **Individual Right** means 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 31.03.2018, out of 25922 eligible individual claims passed by District Level Committee (DLC), 25188 titles were issued.

7.5.1 **Community Right** means 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 31.03.2018, out of 399 eligible claims passed by District Level Committee (DLC), 164 titles were issued.

7.5.2 **Development Right** means the 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 not exceeding 75 trees per hectare.

As on 31.03.2018, out of 611 claims passed by Forest Department, 460 Development Rights were issued.



### 7.5.3 The status of implimentaion of RTS Act in 2017-18

	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18
No of applications received under RTS Act during the month	1625	1156	1742	1612	2380	1793	1868	1842	1648	1617	1483	1657
No of applications disposed within the time limit during the month	1412	1005	1405	1397	1772	1264	1398	1163	1004	998	963	1455
No of applications disposed beyond the time limit during the month	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 field	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
No of cases where seconded appeal is field	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Note: 10 services are rendered to public from KFD under Right to Service Act 2012. The stipulated time limit for offering these various services varies from 3 days and may not necessarily be disposed within the same month, as the time limits spill over to the next month. Hence, the difference in the figures between the applications received and the applications disposed within the time limit during each month. No cases of disposals beyond the time limit have been reported from the field officers.

## 7.6 Internal Control System

7.6.1 As per the Public Accounts Committee's (PAC) recommendations in 57<sup>th</sup> report (2001-2004), Internal Audits are conducted in offices of the Forest Department every year just before Accountant General's audit in order to reduce 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.

7.6.2 As per list of pending audit observations of the Accountant General as on 15.06.2017 there are 512 paras pending in 126 reports of the Local Audit Report. Two Apex committee meetings were conducted to review progress in settlement of PAC reports, C&AG reports and LAR paras.

## 7.7 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 direction 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

Sl No.	Name and Designation	Position in the committee
1	Smt. N.Maya, IFS Deputy Forest Conservator 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

### **7.8 Implementation of Official Language Act**

Malayalam has been declared as the official language, vide G.O. No. 7223/OL3/85/P&ARD, dated: 1.09.1985. However, the same could not be implemented fully. Efforts have been made to use Malayalam as official language fully and all staff of the department has been working earnestly in this direction. Communications are being done 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 was given to all employees to prepare 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 is decided to use the freely downloaded software viz; 'Kaveri' in all offices and websites of the Forest Department. Senior Administrative Officer of the department has been entrusted as the Nodal Officer for supervising the progress in this regard. A translation cell has been constituted to translate the codes, manuals, rules, forms, etc. of the department vide G.O (Ms) No. 19/83/P&ARD dated: 16.07.2003.

## **7.9 Computerisation**

7.19.1 Computerisation was done up to the Range/Depot level. 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](http://www.forest.kerala.gov.in)) which contains information about KFD which acts as a link between the department and the public.

**7.10 Forest Sports Meet 2017-18:** All India Forest and Games Meet was not conducted during the year 2017-18. The State Sports Meet was conducted at Northern Circle Kannur for which an amount Rs.21 lakhs was earmarked and utilized under the Budget Head 2406-01-003-97 HRD.

Table 4.6-Division / Range wise details of Forest Stations

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

<b>Sl No.</b>	<b>Division</b>	<b>Range</b>	<b>Forest station</b>	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
7	Marayoor	Marayoor	31	Marayoor
			32	Nachivayal
		Kanthalloor	33	Kanthalloor
			34	Vannanthura
8	Thrissur	Vadakkancherry	35	Erumapetty
			36	Poongodu
			37	Mayannoor
		Machad	38	Akamala
			39	Elanad
			40	Vazhani
		Pattikkad	41	Pattikkad
			42	Ponganamkad
			43	Mannamangalam
			44	Vaniyampara
9	Vazhachal	Charpa	45	Kannamkuzhy
		Vazhachal	46	Vazhachal
			47	Mukkumpuzha
		Kollathirumedu	48	Kollathirumedu
		Sholayar	49	Malakkappara
			50	Sholayar
		Athirappally	51	Athirappally
52	Ezhattumugham			
10	Chalakydy	Pariyaram	53	Konnakuzhy
			54	Chaippankuzhy
		Vellikulangara	55	Mupliyam
11	Malayattoor	Kodanadu	56	Perumthodu
			57	Erumukham
			58	Mekkappala
		Kalady	59	Karakkadu
			60	Kannimangalam
			61	Evergreen
		Thundathil	62	Bhothathankettu
			63	Karimpani
64	Edamalayar			

Sl No.	Division	Range	Forest station	
1	2	3	4	
		Kuttampuzha	65	Vadathuppara
			66	Pooyamkutty
			67	Anakulam
		Edamalayar	68	Ennakkal
			69	Perumuzhy
12	Nemmara	Kollengode	70	Thekkady
		Nelliampathy	71	Nelliampathy
		Alathur	72	Mangalam dam
13	Mannarkkad	Mannarkkad	73	Palakkayam
			74	Mannarkkad
			75	Thiruvizhamkunnu
		Attappady	76	Pudur
			77	Mukkali
		Agali	78	Ommala
			79	Sholayar
14	Nilambur(South)	Karulai	81	Padukka
			82	Nedumkayam
		Kalikavu	83	Chakkikuzhi
			84	Karuvarakundu
15	Nilambur (North)	Edavanna	85	Akampadam
			86	Edacode
			87	Kodumpuzha
		Nilambur	88	Vaniyampuzha
			89	Kanjirapuzha
		Vazhikkadavu	90	Nellikuthu
91	Pothukal			
16	Wayanad (North)	Mananthavady	92	Makkiyad
		Begur	93	Thirunelly
			94	Thalapuzha
		Periya	95	Kunjom
			96	Varayal
17	Wayanad South Munnar WL	Chedleth	97	Irulam
		Eravikulam NP	98	Chattamunnar

<b>Sl No.</b>	<b>Division</b>	<b>Range</b>	<b>Forest station</b>	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
18	(Eravikulam)	Chinnar WS	99	Kambakkallu
			100	Karimutti
		Shola NP	101	Kadavari
19	Silent Valley	Bhavani	102	Anavai
			103	Thudukki
20	Periyar East	Vallakkadavu	104	Gavi
21	Periyar West	Pamba	105	Sannidhanam
			106	Mukkuzhi
			107	Pachakkanam
22	Peechi	Peechi	108	Olakara
23	Wayanad WL	Kurichiat	109	Vandikkadavu
			110	Kuppady
		Sulthanbathery	111	Naikatty
		Muthanga	112	Muthanga
			113	Thottamoola
Tholpetty	114	Tholpetty		



**Annexure I(b)**

**Division wise no. of Check Postsas on 31.03.2018**

Sl No.	Division	Range		Check Post	Whether Interstate or not(Y/N)
<b>Southern Circle - Kollam</b>					
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
		Anchal			
4	Achenkovil	Achenkovil	8	Kottavasal(Achenkovil)	Y
		Kallar			
		Kanayar			
5	Konni	Konni	9	Athumpunkulam	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
<b>High Range Circle - Kottayam</b>					
7	Kottayam	Kumili	16	Kumili	
			17	Cumbummettu	Y
		Erumeli	18	Pulluppara	N
			19	Vazhikadavu	N
		Ayyappancoil			
		Nagarampara			
8	Kothamangalam	Kaliyar			
		Mullaringad			
		Thodupuzha	20	Guruthikkalam	N
		Kothamangalam			

Sl No.	Division	Range		Check Post	Whether Interstate or not(Y/N)
9	Munnar	Munnar			
		Neriyamangalam	21	Thalakkodu	N
		Adimali	22	Panamkutty	N
		Devikulam	23	Bodimettu	Y
			24	Palar	N
10	Mankulam	Mankulam			
		Anakulam			
11	Marayoor	Marayoor	25	Chattamunnar	N
		Kanthalloor	26	Pious Nagar	N
<b>Central Circle – Thrissur</b>					
12	Thrissur	Vadakkancherry			
		Machadu			
		Pattikkadu			
13	Chalakydy	Pariyaram	27	Kappathodu	N
		Palappilly	28	Parakadavu	N
		Vellikulangara	29	Mattathoor	N
14	Vazhachal	Vazhachal			
		Athirappally			
		Kollathirumed			
		Charpa	30	Vazhachal	N
		Sholayar	31	Malakkappara	Y
15	Malayattoor	Edamalayar			
		Kalady	32	Karakkad	N
			33	Kadappara	N
		Kodanadu			
		Kuttampuzha	34	Thatttekadu	N
Thundathil	35	Boothathankettu	N		
<b>Eastern Circle – Palakkad</b>					
16	Nenmara	Alathur			
		Nellyampathy	36	Pothundi	N
		Kollengode	37	Gopalapuram	Y
			38	Meenakshipuram	Y

Sl No.	Division	Range		Check Post	Whether Interstate or not(Y/N)
17	Palakkad	Ottappalam			
		Olavakkode			
		Walayar	39	Walayar	Y
18	Mannarkkad	Agali	40	Anakkatty	Y
			41	Keralamedu	Y
		Attappadi			
		Mannarkkad	42	Anamooly	N
			43	Inchikunnu	N
19	Nilambur North	Nilambur			
		Edavanna			
		Vazhikkadavu	44	Anamari	Y
20	Nilambur South	Kalikavu			
		Karulai	45	Cherupuzha	N
<b>Northern Circle - Kannur</b>					
21	Kozhikkode	Thamarassery			
		Kuttiyadi			
		Peruvannamoozhi			
22	Kannur	Kottiyoor	46	Iritty	Y
		Kannavam			
		Thaliparamba			
23	Kasaragod	Kasargode	47	Thalappady	Y
			48	Kottayadi	Y
		Kanjangad	49	Panathur	Y
24	Wayanad South	Meppadi	50	Choladi	Y
		Kalpetta	51	Lakkidy	N
		Chedlath			
25	Wayanad North	Begur			
		Peria	52	Niravilpuzha	
		Mananthavady			
<b>Wildlife Circle</b>					
26	Thiruvananthapuram	Peppara	53	Kanithadam	N
		Neyyar			
		ABP Range			

<b>Sl No.</b>	<b>Division</b>	<b>Range</b>		<b>Check Post</b>	<b>Whether Interstate or not(Y/N)</b>
27	Shenthurni	Shenthurni	54	Kattilpara	N
			55	Rosemala	N
28	Periyar East	Thekkady	56	Thekkady	N
		Periyar	57	Vellimala	N
		Vallakadav	58	Anathodu	N
			59	Vallakkadavu	N
			60	Panchakkanam	N
29	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
30	Periyar West	Pamba			
		Azhutha			
31	Idukki	Idukki	66	Vanmavu	N
		Thattekkad			
32	Wayanad	Muthanga	67	Muthanga	Y
			68	Pazhoor	Y
		Tholpetty	69	Tholpetty	Y
			70	Bavali	Y
		Kurichiyad	71	Kuppady (3 <sup>rd</sup> Mile)	N
		Sulthan Batheri			
33	Parambikulam	Sungam	72	Anappadi	Y
			73	Keerappadi	Y
		Orukomban	74	Thoothampara	N
		Parambikulam			
		Karimala			
34	Peechi	Chimmoni	75	Echippara	N
		Peechi			
35	Silent Valley	Silent Valley NP			
		Bhavani			
36	Aralam	Aralam			

**Annexure 2****The e-mail addresses and phone/fax numbers of officers**

<b>Sl No.</b>	<b>Designation</b>	<b>Email ID</b>	<b>Phone</b>	<b>Fax</b>	<b>Office Mobile</b>
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&R)	apccf-wp.for@kerala.gov.in	0471-2337545		9447979012
5	Additional Principal Chief Conservator of Forests (D&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)	apccf-admin.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& Forest Intelligence)	apccf-vig.for@kerala.gov.in	0471-2321583	0471 2321583	9447979008
12	Addl. Principal Chief Conservator of Forests (ED & 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

<b>Sl No.</b>	<b>Designation</b>	<b>Email ID</b>	<b>Phone</b>	<b>Fax</b>	<b>Office Mobile</b>
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&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 & 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
30	Chief Conservator of Forests, Agasthyavanam Biological Park	ccf-abp.for@kerala.gov.in	0471-2325385	0471 2325385	9447979080
	Field Director, Project Tiger	Cf-fdpt.for@kerala.gov.in	0481-2311740	0481 2311741	9447979090
32	Conservator of Forests (I & E, Northern Region)	cf-ie-nr.for@kerala.gov.in	0495-2416800	0495-2416800	9447979120
33	Conservator of Forests (I & 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

<b>Sl No.</b>	<b>Designation</b>	<b>Email ID</b>	<b>Phone</b>	<b>Fax</b>	<b>Office Mobile</b>
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
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-tsr.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

Sl No.	Designation	Email ID	Phone	Fax	Office Mobile
52	Divisional Forest officer, Timber Sales Division, Perumbavoor	dfo-ts-pbvr.for@kerala.gov.in	0484-2522219	0484-2522219	9847021435
53	Divisional Forest officer, Palakkad Division	dfo-plkd.for@kerala.gov.in	0491-2555156	0491-2555156	9447979067
54	Divisional Forest officer, Nemmara Division	dfo-nemmara.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-nlbfor@kerala.gov.in	0493-1220392	0493-1220392	9447979065
57	Divisional Forest officer, Mannarkad Division	dfo.mnkcd.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	dfo-wyndn.for@kerala.gov.in	0493-5240233	04935-246902	9447979074
62	Divisional Forest officer, Wayanad (South) Division	dfo-wynds.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



<b>Sl No.</b>	<b>Designation</b>	<b>Email ID</b>	<b>Phone</b>	<b>Fax</b>	<b>Office Mobile</b>
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
79	Senior Administrative Officer	sao- admin.for@kerala.gov.in	0471- 2321798		
80	Deputy Director (Statistics)	dd-stat.for@kerala.gov.in	0471- 2529162	0471 2529162	
81	Director,Forestry Imformation 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	asst-dir- fms.for@kerala.gov.in	0495- 2418820		

**Annexure 3**

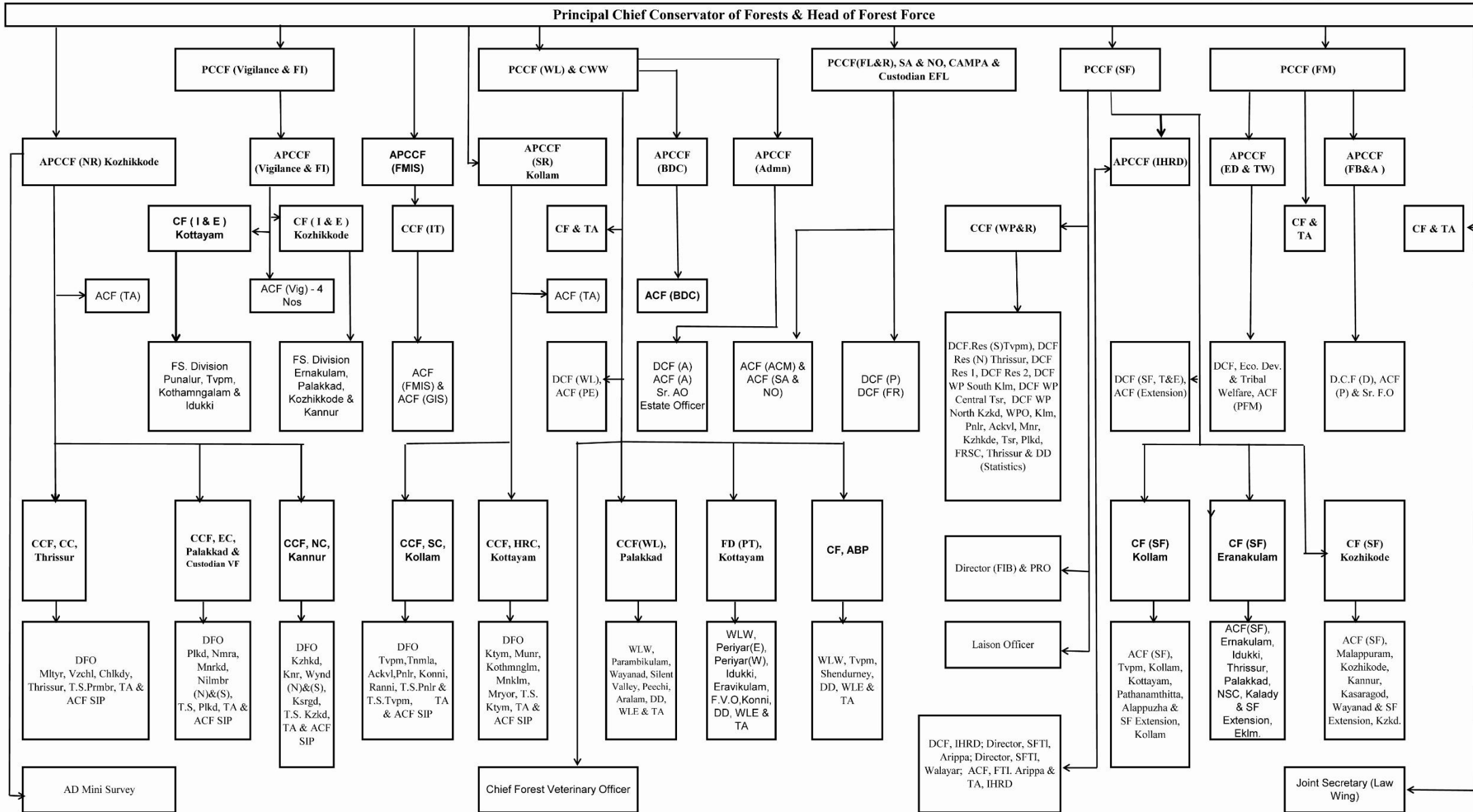
**Name and Address of State Public Information Officers & Appellate Authorities under Right to Information Act.**

Sl No.	State Public Information Officer	Appellate Authority
1	Deputy Conservator of Forests(Administration) O/o the Principal Chief Conservator of Forests&HoFF, Thiruvananthapuram	Principal Chief Conservator of Forests&HoFF
2	Asst. Conservator Forests(Administration), O/o the Addl. Principal Chief Conservator of Forests (D&P), Thiruvananthapuram	Addl. Principal Chief Conservator of forests(D&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 Addl Principal Chief Conservator of Forests(IHRD), PTP Nagar, Thiruvananthapuram	Addl. Principal Chief Conservator of Forests (IHRD), Thiruvananthapuram
5	Asst. Conservator Forests (SA), O/o the Chief Conservator of Forests(SA&NO), Thiruvananthapuram	Chief Conservator of Forests (SA&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 Addl Principal Chief Conservator of Forests (F,L&R), Thiruvananthapuram	Addl. Principal Chief Conservator of Forests (F,L&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
8(a)	Asst. Conservator of Forests (Administration) (for disciplinary matters)	
9	Deputy Conservator of Forests (Finance, Budget & Audit), O/o the Addl. Principal Chief Conservator of Forests (Finance,Budget & Audit) , Thiruvananthapuram	Addl. Principal Chief Conservator of Forests (F,B&A), Thiruvananthapuram
10	Asst. Conservator of Forests(E &TW), O/o the Addl. Principal Chief Conservator of Forests (E &TW), Thiruvananthapuram	Addl. Principal Chief Conservator of Forests ( Eco Development & Tribal Welfare) , Thiruvananthapuram
11	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 Superintendant O/o Addl. Chief Conservator of Forests (WP&R), Thiruvananthapuram	Addl. Principal Chief Conservator of Forests (WP&R), Thiruvananthapuram
14	Asst. Conservator of Forests (Vigilance & forest intelligence.), O/O the Addl. Principal Chief Conservator of	Addl. Principal Chief Conservator of Forests (Vigilance & Forests Intelligence), Thiruvananthapuram

<b>SI No.</b>	<b>State Public Information Officer</b>	<b>Appellate Authority</b>
	Forests (Vig.), 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 & Evaluation), Kottayam	Chief Conservator of Forests(Inspection & 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
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 & Evaluation, Kozhikode	Chief Conservator of Forests (Inspection & 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

**ORGANISATION CHART 2017-18**

**Annexure 4**



## Abbreviations

<u>Sl. No</u>	<u>Term</u>	<u>Expansion</u>
1	AA	Administrative Assistant
2	ACF	Asst. Conservator of Forests
3	Admn.	Administration
4	APCCF	Addl. Principal Chief Conservator of Forests
5	CC	Central Circle
6	CF(SF)	Conservator of Forest (Social forestry)
7	DD	Deputy Director
8	EC	Eastern Circle
9	EO	Estate Officer
10	FD(PT)	Field Director, Project Tiger
11	FL & R	FL & R-Forest Land & Resources
12	FR	Forest Resources
13	FT	Forest Tribunal
14	FTI	Forest Training Institute
15	IT	Information Technology
16	JS (Law-wing)	Joint Secretary, Law Wing
17	LO	Laison Officer
18	NC	Northern Circle
19	NR	Northern Region
20	PA	Personal Assistant
21	PE	Periyar East
22	PFM	Participatory Forest Managment
23	PRO	Public Relatons Officer
24	SA & NO	Special Afforestation & Nodal officer
25	SC	Southern Circle
26	SIP	Special Investiagation and Protection
27	SR	Southern Region
28	Sr.AA	Sr. Administrative Assistant
29	Sr.AO	Sr. Administrative Officer
30	Sr.FO	Sr. Finance Officer
31	SS	Senior Superintendent
32	TA	Technical Assistant
33	WLW	Wild Life Warden