



GOVERNMENT OF ANDHRA PRADESH
Forest Department

ANNUAL ADMINISTRATION REPORT 2011-12



Compiled by : **ADDL. PRL.CHIEF CONSERVATOR OF FORESTS, R&D CIRCLE.**

Issued by : **THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS (HoFF)**
ANDHRA PRADESH, HYDERABAD - 500 004, INDIA.

ANNUAL ADMINISTRATION REPORTS 2011-12



GOVERNMENT OF ANDHRA PRADESH
Forest Department



**GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT**

**ANNUAL ADMINISTRATION REPORTS
FOR THE YEAR - 2011-12**



Compiled by
ADDL. PRL.CHIEF CONSERVATOR OF FORESTS, R&D CIRCLE.

Issued by
THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS & HOFF,
ANDHRA PRADESH, HYDERABAD - 500004, INDIA.

TABLE OF CONTENTS	
Part – I (Narration Part)	
Description	Page Nos.
Chapter – I Introduction Constitution of State Forests	
<ul style="list-style-type: none"> 1.1 Classification of Forest Area <ul style="list-style-type: none"> 1.1.1 Legal Status 1.1.2 Ownership 1.1.3 Composition 1.1.4 Functional 1.1.5 Forests Types 1.2 Forest Area by Topography 1.3 Land Use Pattern 1.4 Comparison of Forest Cover Assessment 1.5 Forest Cover Change Matrix 1.6 Mangrove Cover 1.7 Tree Cover Outside the Notified Forest Area 1.8.1 Forest Cover in Hill Districts 1.8.2 Forest Cover in Tribal Districts 1.9 Tree Cover Outside Forests (TOF) Estimates 1.10 Circle wise Forest Cover Changes 	1-5
Chapter – II General Administration	
<ul style="list-style-type: none"> 2.0 Circles, Divisions and Sub-Divisions 2.1 Alteration in areas 2.2 Demarcation 2.3 Forest Survey 2.4 Roads and paths 2.5 Buildings 2.6 Motor Vehicles 	6-9
Chapter – III Forest Protection	
<ul style="list-style-type: none"> 3.1 Forest offences <ul style="list-style-type: none"> 3.1.1 Detected 3.1.2 Involving Vehicles 3.1.3 Assault Cases 3.2 Injury by Fire 3.3 Grazing in Forest Area 	10-11
Chapter – IV Silviculture	
<ul style="list-style-type: none"> 4.1 System of Management 4.2 Regeneration <ul style="list-style-type: none"> 4.2.1 Natural Regeneration 4.2.2 Afforestation Measures 4.2.3 Tending 	12-14
Chapter – V Plan and Non Plan Schemes	
<ul style="list-style-type: none"> 5.1 Plan Schemes <ul style="list-style-type: none"> 5.1.1 Central Sector Schemes 5.1.2 Matching State Share Schemes 5.1.3 Centrally Sponsored Schemes 5.1.4 Normal State Plan Schemes 5.1.5 RIDF Projects 5.2 Non-Plan Schemes 	15-33

<p style="text-align: center;">Chapter – VI Utilization</p> <p>6.1 Forest Out turn 6.2 Supplies to Buroods / Industries 6.3 Collection of Beedi Leafs, Targets and Achievements 6.4 Dwajasthambams Supplied 6.5 Government Sawmills, Timber and Bamboo Depots 6.6 Private Sawmills, Timber and Bamboo Depots</p>	34-45
<p style="text-align: center;">Chapter - VII Financial Results</p> <p>7.1 Revenue 7.2 Expenditure 7.3 Revenue and Net Revenue</p>	46-47
<p style="text-align: center;">Chapter – VIII Administration</p> <p>8.1 Organizational set up 8.2 Andhra Pradesh Forest Academy, Dulapally 8.3 Andhra Pradesh Forest Development Corporation Ltd., Hyderabad</p>	48-60
<p style="text-align: center;">Chapter - IX Forest Research</p> <p>9.1 The facilities developed in the four Research Centers and their status 9.2 Research Plots established 9.3 Collection and Distribution of quality seeds 9.4 Expenditure incurred under various schemes 9.5 Activities under Publicity</p>	61-68
<p style="text-align: center;">Chapter – X Wild Life Preservation</p> <p>10.1 National Parks 10.2 Zoological Parks 10.3 Deer Parks 10.4 Sanctuaries 10.5 Wildlife Management Circles 10.5.1 WLM Project Tiger Circle, Srisailam 10.5.2 WLM Circle, Tirupati 10.5.3 WLM Circle, Eluru 10.5.4 WLM Circle, Hyderabad 10.6 Zoological Parks 10.6.1 Nehru Zoological Park, Hyderabad 10.6.2 Sri Venkateshwara Zoological Park, Tirupati 10.6.3 Indira Gandhi Zoological Park, Visakhapatnam</p>	69-92
<p style="text-align: center;">Chapter – XI Other Information</p> <p>11.1 Implementation of RoFR Act 2006 11.2 Forest Development Authority 11.3 Exhibitions 11.4 Vanamahotsava 11.5 Vanyaprani Sapthaha 11.6 Diversion of Forest Area and Compensatory Afforestation 11.7 Forest Sports Meet 11.8 Geomatics Centre 11.9 MGNREGS 11.10 CAMPA 11.11 Social Forestry 11.12 Forest Production 11.13 Forest Protection (Vigilance) 11.14 Andhra Pradesh State Bio-Diversity Board</p>	93-121

Part –II (Statement Part)		
Return No.	Return Particulars	Page Nos.
1	Area of Reserved Forests Reserved Land and Unnotified Forests	123
2	Boundaries of Reserved Forests	124
3	Out Turn of Timber from Coupes (Units) by The Contractors Agency	125
4a	Out Turn of Timber from Coupes (Units) in Departmental Agency	126
4b	Out Turn of Bamboo from Coupes (Units) by The Departmental Agency	127
5a	Out Turn of Major Forest Produce	112
5b	Out Turn of Minor Forest Produce	128-130
6	Out Turn from Plantations and Thinnings	131
7	Free Grants	132
8	Animals Allowed for Grazing Total Revenue Realized Etc.,	133
9	Fire and the Extent of Area Burnt	134
10	Offences Detected and Disposed Off	135
11	Forest Offences Involving Vehicles Booked and Disposed Off	136
12	Goat Browsing Cases Booked and Disposed Off	137
13	Assault Cases (Including Murders) Received and Disposed Off	138
14	The Annual Cut as per Working Plan and Actual Annual Cut	139-140
15	Statement of Plantations Raised and Expenditure Species Wise Under Annual Plan	141-146
16	Area Brought Under Plantations (Species Wise)	147-156
17	Roads maintained by Forest Department	157
18	Buildings Under Forest Department	158
19	Vehicles , Arms and Ammunition Under Forests Department	159
20	Expenditure (Audited Actuals)	160-161
21	Forest Revenue	162
22	Statement Showing the Species Wise Sale Results	163-170
23	Forest Blocks by Legal Status – Region, District and Division Wise	171-172

CHAPTER – I

INTRODUCTION

The Annual Administration Report covers all the administrative aspects of the Forest Department and any specific innovations brought out by the department will also reflect in the report.

This is an annual publication and highlighting all the activities taken up by the Forest Department during the year in Forest Circles and Head Office.

The salient feature of the report covers all the aspects as per the forest code. It gives detailed account of Forest Administration, Forest Conservation, Developmental Works, Afforestation, Revenue, Research, Social Forestry, Wildlife and Other Government of India programmes and State Government programmes on Forestry. The report is also reflects the budgetary flow from the State Government and the Government of India. It will also reflects the Budget allocations, Revenue, Expenditure etc.

CONSTITUTION OF STATE FORESTS

Andhra Pradesh is the fourth largest State in coverage of Geographical area and the second largest State in Forest area in the Indian Union. The Total Forest area of the State is 63813.73 Sq.Kms, which occupies 23.20% against the Total Geographical area of 2,75,068 Sq.Kms which is almost equal to the country's average percentage of forests.

The forests of the Andhra Pradesh State are distributed in different agro-climatic zones with varying composition and forest types. Majority of which are classified as (1) Tropical Dry Deciduous (2) Southern Tropical Moist Deciduous and (3) Southern Tropical Thorn forests. Most of the forest area was highly degraded owing to biotic pressure and over use of forest resources. Since last one decade most of the degraded areas have been reclubbed with the implementation of Community Forest Management programme through more than (7718) Vana Samrakshana Samithis.

The percapita Forest area is 0.0842 ha as against the all India average of 0.24 ha. The State is administered in (23) Districts which are further subdivided in (1128) Revenue Mandals.

The State has a varied topography ranging from the hill ranges of Eastern Ghats, Nallamalais and Seshachalam Hills to Deccan Plateau, River Valleys of Godavari and Krishna, Mangrove Shores of Bay of Bengal and supports a variety of Eco types, rich in their Bio-diversity and support a variety of Floral and Faunal forms.

1.1 – CLASSIFICATION OF FOREST AREA

Sl. No.	Particulars	Forest Area (Sq.Kms.)	Percentage to Total Forest Area
1.1.1	Legal Status		
	a) Reserved	50478.63	79.10
	b) Protected	12365.34	19.38
	c) Un-Notified	969.76	1.52
	Total:	63813.73	100.00
1.1.2	Ownership: Forest Department	63813.73	100.00
1.1.3	Composition: (Non-Coniferous)		
	a) Sal	47.16	0.07
	b) Teak	9145.00	14.33
	c) Others	54621.57	85.60
	Total:	63813.73	100.00
1.1.4	Functional:		
	a) Protected Forests	38449.47	60.25
	b) Production Forests	25364.26	39.75
	Total:	63813.73	100.00
1.1.5	Forest Types: (as per Champion & Seth's Classification-2011)		
	1. Plantation	689.19	1.08
	2. Tropical Semi Ever Green Forests	0	0
	3. Tropical Moist Deciduous Forests	2603.61	4.08
	4. Litoral & Swamp Forest	363.74	0.57
	5. Tropical Dry Deciduous Forests	56654.07	88.78
	6. Tropical Thorn Forests	2884.39	4.52
	7. Tropical dry Ever Green Forests	619.00	0.97
	Total:	63814.00	100.00

Source: ISFR – 2011

1.2 – FOREST AREA BY TOPOGRAPHY

The Forest by Topography of the catchments where pre-investment survey of the forests resources was conducted and furnished as below:

Sl. No.	Catchment	Plain		Hill area		Total Area in Sq.Kms.
		Area in Sq.Kms.	Percentage to total area of catchment	Area in Sq.Kms.	Percentage to total area of catchment	
1	a) East Godavari	1086	16.59	5462	83.41	6548
	b) Shifting Cultivation	140	23.14	465	76.86	605
2	Nallamala	1982	38.40	3179	61.60	5161
3	Mahaboobnagar	1082	55.77	858	44.23	1940
4	Kothagudem	3560	76.76	1078	23.24	4638
5	Adilabad	3164	49.91	3176	50.09	6340
6	Warangal	2572	43.29	3370	56.71	5942
	Total:	13586	43.58	17588	56.42	31174

The area where pre investment survey was not conducted: 32,640 Sq. Kms.

1.3 – LAND USE PATTERN

Sl. No.	Land Use	Area in Sq. Kms	Percentage
1	Total Geographical Area	275068.00	100.00
2	Forest including Scrub	55664.31	20.23
3	Agriculture	168821.46	61.37
4	Land with Scrub	17137.66	6.23
5	Fallow Lands	10333.94	3.76
6	Grass Lands	652.17	0.24
7	Settlements	2633.41	0.96
8	Vegetation Outside Forest	9132.87	3.32
9	Water Bodies	10343.00	3.76
10	Others	349.18	0.13

Source: APSFR - 2013

1.4 – COMPARISON OF FOREST COVER ASSESSMENT

(in Sq.Kms)

Assessment	VDF	MDF	Open	Scrub	NF	Water	Total
2010	931.73	18408.48	22651.28	13550.31	7622.49	649.86	63814.15
2011	931.73	18400.61	22594.92	13517.84	7719.19	649.86	63814.15
Net Change	0	-7.87	-56.36	-32.47	96.70	0	

Source: APSFR - 2013

In the State, there was a reduction of 7.87 Sq.Kms. in Moderately Dense Forest, 56.36 Sq.Kms. in Open Forest and 32.47 in Scrub. The Net Loss of Forest Cover in MDF, OF and Scrub put together is 96.70 Sq.Kms in one year

1.5 – FOREST COVER CHANGE MATRIX (GOOD AND DEGRADED FORESTS)

(Area in Sq.Kms)

2010 (Data of Sept 2010 – Jan 2011)	2011 (Data of Sept 2011 – Mar 2012)						Total of 2010
	Very Dense Forest	Moderately Dense Forest	Open Forest	Scrub	Non-Forest	Water Bodies	
Very Dense Forest	931.73	0	0	0	0	0	931.73
Moderately Dense Forest	0	18400.61	0.01	0.31	7.55	0	18408.48
Open Forest	0	0	22587.85	1.13	62.30	0	22651.28
Scrub	0	0	5.48	13510.64	34.19	0	13550.31
Non-Forest	0	0	1.58	5.76	7615.15	0	7622.49
Water	0	0	0	0	0	649.86	649.86
Total of 2011	931.73	18400.61	22594.92	13517.84	7719.19	649.86	63814.15
Net Change	0	-7.87	-56.36	-32.47	96.70	0	

*Source: APSFR-2013

1.6 – MANGROVE COVER

(in Sq.Km.)

Sl. No	Name of the District	Very Dense Mangrove		Moderately Dense Mangrove		Open Mangrove		Total	
		2009	2011	2009	2011	2009	2011	2009	2011
1	East Godavari	0	0	63	63	126	125	189	188
2	Guntur	0	0	28	28	21	21	49	49
3	Krishna	0	0	35	35	74	74	109	109
4	Nellore	0	0	0	0	5	5	5	5
5	Prakasham	0	0	0	0	1	1	1	1
Total		0	0	126	126	227	226	353	352

Source: ISFR – 2009 & 2011

In the State, there was an decrease of Moderately Dense Mangrove by 1 Sq.Km and total Mangrove also decreased by 1 Sq.Km as compared with previous assessment year 2009.

1.7 – TREE COVER OUTSIDE THE NOTIFIED FOREST AREA

Culturable Non-Forest Area of Country (CNFA)	Sq.Kms.	90844.00
Percentage of Country Geographical Area	Percentage	2.76
Tree Cover outside Reserved Forest of State	Sq.Kms.	7152.00
Percentage of State Geographical Area	Percentage	2.60
Percentage of CNFA	Percentage	7.87

Source: ISFR 2005

The estimates of Tree Cover is maximum in East Deccan 10,718 Sq. Kms, Percentage of Geographical Area is 3.19 and Eastern Himalayas have the lowest Tree Cover of 356 Sq. Kms, Percentage of Geographical Area is 0.48

1.8.1 – FOREST COVER IN HILL DISTRICTS:

(Area in Sq.Km.)

Assesment	No. of Hill Districts	Geographical Area in Hill Districts	Forest Cover				% of G.A.
			Very Dense Forest	Moderate Dense Forest	Open Forst	Total Forest	
2009	13	83743	20858	31556	14936	67353	80.43
2011	13	83743	20868	31519	15023	67410	80.50

Source: ISFR 2009 & 2011

1.8.2 – FOREST COVER IN TRIBAL DISTRICTS:

(Area in Sq.Km.)

Assesment	No. of Tribal Districts	Geographical Area in Tribal Districts	Forest Cover				% of G.A.
			Very Dense Forest	Moderate Dense Forest	Open Forst	Total Forest	
2009	8	87090	239	16745	8583	25567	29.36
2011	8	87090	239	16613	8449	25301	29.05

Source: ISFR 2009 & 2011

1.9 – TREE COVER OUTSIDE FORESTS (TOF) ESTIMATES:

Tree cover of the State has been estimated by using Trees Outside Forests (TOF) inventory data collected over a period of six years i.e. 2004 - 2010. The estimated Tree cover in the State is 7152 Sq.Kms which is 2.60% of the geographical area of the State. Eight districts of the state namely Hyderabad, Guntur, Cuddapah, East Godavari, Karimnagar, Prakasham, Vizianagaram and Visakhapatnam were inventoried during this period.

(Area in Sq.Km.)

Category	Area		% of Geographical Area	
	2009 Assessment	2011 Assessment	2009 Assessment	2011 Assessment
Tree Cover	7191	7152	2.61	2.60
Forest Cover	45102	46389	16.40	16.86
Forest & Tree Cover	52293	53541	19.01	19.46

Source: ISFR – 2009 & 2011

1.10 – CIRCLE WISE FOREST COVER IN ANDHRA PRADESH 2011 (DATA OF SEPT 2011 TO MAR 2012)

(Area in Sq.Km.)

Sl. No.	Name of the Circle	Very Dense Forest	Moderately Dense Forest	Open Forest	Scrub	Non-Forest	Water	Total Forest	En-croachment
1	Adilabad	482.93	3618.57	1446.84	811.16	706.97	34.83	7101.30	1.13
2	Nizamabad	0	749.81	1311.10	445.63	212.98	12.02	2731.54	2.08
3	Hyderabad	0	139.72	541.74	936.34	197.28	5.27	1820.35	0
4	Warangal	0	2635.10	2458.60	563.17	689.03	38.83	6384.73	10.94
5	Khammam	133.48	2331.51	2901.47	1764.86	784.43	29.60	7945.35	17.15
6	Visakhapatnam	34.86	2386.78	2643.57	842.42	652.21	12.46	6572.30	5.82
7	Rajahmundry	203.04	2869.43	651.76	445.65	239.94	243.11	4652.93	5.46
8	Guntur	22.10	938.20	1996.05	2051.15	984.05	73.52	6065.07	0.53
9	Kurnool	44.32	1186.85	2086.56	1216.86	1008.49	17.59	5560.67	0
10	Ananthapur	0.03	198.59	1311.37	1355.96	1166.54	2.87	4035.36	0
11	WLM Tirupathi	3.18	257.06	2706.92	918.85	275.79	5.77	4167.57	0
12	FDPT Srisailam	7.79	1088.99	2538.94	2165.79	801.48	173.99	6776.98	0.66
Total		931.73	18400.61	22594.92	13517.84	7719.19	649.86	63814.15	43.77

Source: APSFR-2013

CHAPTER – II
GENERAL ADMINISTRATION

The administrative Head of the Department is the Principal Chief Conservator of Forests with his head quarters at Hyderabad. He is also the technical adviser of Government in all matters relating to the department for administrative purpose of the department, the state is divided into (12) Territorial Circles, (8) P&E, SW&WP Circles and (6) Functional Circles. Each Circle is divided into Territorial, Functional divisions and Sub-division.

2.0. STATEMENT SHOWING THE CIRCLES, DIVISIONS AND SUB-DIVISIONS

Sl. No.	Name of the Circle	Divisions		Sub Divisions
		Territorial	Functional	
1	2	3	4	5
Territorial Circles				
1	Adilabad	1. Adilabad		1. Utnoor 2. Echoda
		2. Nirmal	1. Nirmal (L.D.) 2. Nirmal (F.S.)	3. Khanapur 4. Nirmal
		3. Jannaram(WLM)	-	-
		4. Mancherial	3. Mancherial (F.S.)	5. Luxettipet 6. Chennur
		5. Bellampalli		7. Bellampalli 8. Asifabad
		6. Kagaznagar		9. Khagaznagar
2	Nizamabad	1. Nizamabad	1.Nizambad (F.S.P)	1. Banswada 2. Nizamabad 3. Yella Reddy 4. Siddipet
		2. Kamareddy	-	-
		3. Medak	2.Medak (WLM)	5. Zaheerabad
3	Hyderabad	1. Hyderabad	1. Hyderabad (F.S.)	1. Vikarabad
		2. Mahaboobnagar	-	-
		3. Nalgonda	-	-
4	Warangal	1. Warangal (N)	1. Warangal (WLM)	1. Mulugu 2. Eturunagaram (W.L.) 3. ACF Warangal
		2. Warangal (S)	2. Warangal (FS)	4. Narsampet 5. Mahbubabad
		3.Karimnagar (E)	3. Karimnagar (F.S.)	6. Mahadevapur 7. Manthani
		4. Karimnagar (W)	-	8. Jagityal (WL) 9. ACF Karimnagar

Sl. No.	Name of the Circle	Divisions		Sub Divisions
		Territorial	Functional	
1	2	3	4	5
5	Khammam	1. Khammam	1. Paloncha (WLM)	1. Sathupalli
		2. Kothagudem	2. Bhadrachalam(L.D.)	2. Yellandu
		3. Paloncha	3.Khammam (F.S.)	3. Manuguru
		4. Bhadrachalam(N)	-	4. Bhadrachalam
		5. Bhadrachalam (S)	-	5. Kunavaram 6. ACF Lakkavaram
6	Visakhapatnam	1. Visakhapatnam	1. Visakhapatnam (FS)	1.Visakhapatnam
		2. Narsipatnam	-	2. Narsipatnam 3. Chintapalli
		3. Paderu	2. ADA (Soil Conservation) Araku Valley	4. Araku
		4. Vizianagaram	-	5. Parvathipuram
		5. Srikakulam	-	6. Tekkali
7	Rajahmundry	1. Eluru	1. Jaggareddygudem (L.D.)	1.Koyyalagudem
		2. Kakinada	2. Rajahmundry (L.D.)	2. Rampachodavaram
			3. Rajahmundry (F.S.)	3. Yeleswaram
3. Krishna	-	4. ACF Nuzivid		
8	Guntur	1. Guntur	1. Guntur (F.S.P)	1.Macharla
		2. Giddalur	2. Giddalur (L.D.)	2. Ongole
		3. Nellore	3. CAP (T.G.P.) Nellore	3. Kavali 4. Venkatagiri
9	Kurnool	1. Kurnool	1. Kurnool (F.S.)	
		2.Nandyal (WLM)	2. Nandyal (L.D.)	1. Rudravaram
		3. Kadapa	3. Kadapa (F.S.) (R.S.)	2. Kadapa
		4.Proddutur (WLM)	-	3. Badvel
10	Ananthapur	1. Ananthapur	1. Chittoor(F.S) (Pileru)	1. Penukonda
		2. Chittoor West		2. Madanapalli 3. Palamaneru
11	WLM Tirupathi	1.Chittoor East (WLM)	1. Tirupati (WLM)	1. Tirupathi
		2. Rajampet (WLM)	2. Sullurpet(WLM)	2. Kodur
			3. Tirupati (F.S.)	
			4. Piler (F.S.)	
12	FDPT Srisailam	1. Atmakur (WLM)	1. Atmakur (F.S.) 2. Bio-Diversity	1. Srisailam
		2. Achampet (WLM)	-	2. Kollapur 3. Mannanur
		3. Markapur (WLM)	-	4. Dronal
		4. Nagarjunasagar (WLM)	-	-

Sl. No.	Name of the Circle	Divisions		Sub Divisions
		Territorial	Functional	
1	2	3	4	5
SF and WP & P and E Circles				
13	P&E Hyderabad	-	1. S.F. Ranga Reddy	-
		-	2. S.F. Nalgonda	-
		-	3. S.F. Mahabub Nagar	-
14	SF&WP Warangal	-	1. S.F. Warangal	-
		-	2. S.F. Karimnagar	-
		-	3. S.F. Khammam	-
15	P&E Nizamabad.	-	1. S.F. Sangareddy	-
		-	2. S.F. Nizamabad	-
		-	3. S.F. Adilabad	-
16	SF&WP Visakhapatnam	-	1. S.F. Visakhapatnam	-
		-	2. S.F. Vizianagaram	-
		-	3. S.F. Srikakulam	-
17	P&E Guntur	-	1. S.F. Guntur	-
		-	2. S.F. Ongole	-
		-	3. S.F. Nellore	-
18	SF&WP Vijayawada	-	1. S.F. Vijayawada	-
		-	2. S.F. Eluru	-
		-	3. S.F. Kakinada	-
19	P&E Kadapa.	-	1. S.F. Kadapa	-
		-	2. S.F. Kurnool	-
20	P&E Ananthapur	-	1. S.F. Ananthapur	-
		-	2. S.F. Chittoor	-
Functional Circles				
21	WLM Hyderabad	-	1. Hyderabad (WLM)	-
		-	2. Curator National Parks	-
22	WLM Eluru	-	1. Rajahmundry (WLM)	-
		-	2. Eluru (WLM)	-
23	Director Zoological Parks, Hyderabad	-	1. Nehru Zoological Park, Hyderabad	-
		-	2. Sri Venkateshwara Zoological park, Tirupati	-
		-	3. Indira Gandhi Zoological Park, Visakhapatnam	-
24	C.C.F. (STC), Hyderabad	-	-	-
25	C.C.F. (R&D) Hyderabad.	-	1. Forest Geneticist, Warangal	-
		-	2. State Silviculturist, Tirupati	-
		-	3. State Silviculturist, Hyderabad	-
		-	4. State Silviculturist, Rajahmundry	-
		-	5. F.U.O, Hyderabad.	-
26	AP Forest Academy, Dulapally.	-	-	-

NUMBER OF CIRCLES, DIVISIONS, RANGES, SECTIONS AND BEATS

Sl.No.	Organisation	Territorial	Functional	Total
1.	Circles	12	14	26
2.	Divisions	44	61	105
3.	Ranges	204	222	426
4.	Sections	930	759	1689
5.	Beats	2611	305	2916

2.1 – ALTERATION IN AREAS:

There are (2475) notified Forest Blocks in Reserved Forests U/s 19 of Hyd F-Act, 16 of APF-Act 1882 and 15 of APF-Act 1967 and also (712) Blocks in Protected Forests U/s 4, 24 to 27 and 29 of APF-Act which are under different stages of settlement by forest settlement officers. There are (79) unclassified and unnotified Blocks. Thus (3266) Forest Blocks in the State under different sections of Forest Acts. The Division and Circle wise details are shown in Return no.23

2.2 – DEMARCATION:

The length of Forest boundaries demarcated during the year was 241.145 Kms and existing boundaries were repaired 289.733 Kms. An amount of Rs. 243.472 lakhs was spent to demarcate new boundaries and repairs to existing boundaries during the year. The details are shown in Return no.2.

2.3 – FOREST SURVEY:

The remote sensing data is used for Forest Survey for publishing periodical reports. These status reports form the basis for determining the Boundaries, Volume, Density of Forest.

2.4 – ROADS AND PATHS:

During the year 12.195 Kms of roads and paths were constructed. An amount of Rs.71.839 lakhs was spent for construction and repairs of existing roads and paths. The detailed report was shown in Return no.17.

2.5 – BUILDINGS:

An amount of 73.882 lakhs was spent for construction of buildings, repairs, maintenance of existing buildings and rest houses. The detailed report of buildings under Forest Department was shown in Return nos.18 & 20.

2.6 – MOTOR VEHICLES:

There are (426) Jeeps, (19) Trailers, (21) Lorries, (64) Tents, (70) Motor Cycles, (98) Boats, (495) Arms Muskets, (8635) Ammunition Cartridges, (10) Tractors, (33) Vans, (31) Cars and (74) Cycles. The detailed report was shown in Return no.19.

CHAPTER - III

FOREST PROTECTION

The Forest Department has a separate Vigilance wing at Headquarters, headed by an Addl. Prl. Chief Conservator of Forests (Vig) who in turn is assisted by Chief Conservator of Forests, Divisional Forest Officer, Vigilance parties. Besides this (15) Flying Squad parties and (35) Mobile parties are functioning at field level for effective protection of vulnerable Forest Area.

Forest protection is carried out by the front line staff of various Circles and also by special protection staff like Vigilance and Flying Squad etc. The Vigilance Cell along with the Flying Squad parties also enquires into the allegations, takes up surprise inspections and conducts surprise checks for detection of illicit forest produce in storage and patrols the vulnerable to check the smuggling of the forest produce.

3.1 – FOREST OFFENCES:

3.1.1 Detected:

Sl. No	Year	Opening balance at the beginning of the year			Receipts During the Year			Disposal			Balance at the end of the year			Compounding Fee collected in Rs. Lakhs	Compounding fee in Lakhs pending on 31-03-2012
		Prosecuted	Compounded	UDORs	Prosecuted	Compounded	UDORs	Prosecuted	Compounded	UDORs	Prosecuted	Compounded	UDORs		
1	2010-11	7449	4373	5566	2306	37436	7788	1717	37396	6717	8038	4413	6637	1949.689	518.491
2	2011-12	8038	4413	6637	2794	35409	6377	802	35251	5324	10030	4571	7690	2100.621	406.938

Forest offences received during the year 2011-12 are (2794) prosecuted, (35409) compounded and (6377) UDOR cases. Out of which (802) prosecuted, (35251) compounded and (5324) UDOR cases were disposed respectively. The compounding fee collected as Rs.2100.621 lakhs and Rs.406.938 lakhs were pending. The Circle wise details have shown in Return No.10.

3.1.2 Involving Vehicles:

Sl. No.	Year	Opening balance at the beginning of the year			Received During the Year			Disposal			Closing Balance			No of Vehicles Confiscated
		Prosecuted	Compounded	Total	Prosecuted	Compounded	Total	Prosecuted	Compounded	Total	Prosecuted	Compounded	Total	
1	2010-11	704	419	1123	633	3701	4334	376	3592	3968	961	528	1489	631
2	2011-12	961	528	1489	746	3437	4183	605	3277	3882	1102	688	1790	631

The vehicles booked under Forest Offences during the year 2011-12 are (4183) viz., (746) prosecuted & (3437) compounded and (631) vehicles were confiscated. Out of this, (605) prosecuted and (3277) compounded were disposed and (1102) prosecuted and (688) compounded cases were pending. The Circle wise details have shown in return no.11.

3.1.3 Assault Cases:

Sl. No.	year	No. of cases at the beginning of the year		No. of cases Received during the year		Total		No. of cases Disposed off during the year		Balance at the end of the year	
		Assault	Murders	Assault	Murders	Assault	Murders	Assault	Murders	Assault	Murders
1	2010-11	189	1	43	3	232	4	48	2	184	2
2	2011-12	184	2	27	0	211	2	35	0	176	2

In the year 2011-12, (27) Assault cases were reported. Out of Total (211) cases, (35) cases were disposed off during the year and (176) cases were pending.

The Circle wise details are shown in Return No. 13.

3.2 – INJURY BY FIRE:

Sl. No	Year	No. of fires Occurred during the year		Extent in Hectares Burnt	
		In Plantations	In Other areas	In Plantations	In Other areas
1	2010-11	0	119	0	2206.100
2	2011-12	2	65	17.780	829.000

In the year 2011-12, (67) cases of Forest fires were reported. Out of which (2) cases were occurred in plantations and (65) cases in other areas. An area of 17.780 hectares in plantations and 829.000 hectares in other areas were affected. Mainly the grasses, young plantations and new regeneration were affected. Circle wise details are shown in the return No.9.

3.3 – GRAZING IN FOREST AREA:

Sl. No	Year	Opening Balance at the beginning of the year			Receipts during the year			Disposal off during the year			Closing Balance as on 31-03-2012		
		Prosecuted	Compounded	Com. Fee involved Rs.In lakhs	Prosecuted	Compounded	Com. Fee involved Rs.In lakhs	Prosecuted	Compounded	Com. Fee involved Rs.In lakhs	Prosecuted	Compounded	Com. Fee involved Rs.In lakhs
1	2010-11	0	0	0	1	295	1.961	1	295	1.961	0	0	0
2	2011-12	0	0	0	1	7	0.300	1	5	0.230	0	2	0.70

Free grazing was allowed. However, for goat browsing Compound fees was collected by the Protective Staff.

In the year 2011-12, (8) Goat browsing cases were booked and disposed off. Out of these (1) is prosecuted and (7) are compounded. The Compound fee collected Rs.0.230 lakhs. The details are shown in Return no.12.

CHAPTER - IV SILVICULTURE

4.1 – SYSTEM OF MANAGEMENT:

Management of the State Forests is carried out by the Forest Department with an objective of progressive and sustained yield. The Departmental schemes are oriented one and to increase yield potentiality per hectare of the Forest Resources in the state, so as to meet the demands of the multiplying population and wood based industries.

The entire forest area is brought out under the sanctioned working plans and it is managed on the scientific lines. As per the guidelines issued by the Government of India, extraction of natural forests is completely stopped.

Most of the Degraded Forest Area is being regenerated through Community Forest Management according to the Micro Plan prescriptions. The Micro plans are prepared in consultation with the members of Vana Samrakshana Samithis. The working plans are prepared for ten years. The entire (12) Circles and (44) Divisions are included. All the (44) Divisions working plans have been approved by the Government of India.

Under State Plan Scheme, the Silvicultural research were being implemented through Regional Offices. To develop species specific areas introduced high yielding varieties in the planting programmes.

There is a significant improvement in natural forests under afforestations of the large tracts of degraded forests lands by involving VSS under Community Forest Management Programme (CFMP).

A scheme was launched to conduct experiments and standardize the improved nursery techniques, vegetative propagation, natural forest management etc.

Further, the researches helped in conducting trails on improved nursery technology, standardize of potting medium, development and maintenance of demonstration plots etc., on variety of indigenous timber species.

4.2 – REGENERATION:

4.2.1. Natural Regeneration:

The Natural Regeneration in the Forest is by natural seeds shed by the trees. In addition to this coppice regeneration is also takes place naturally in the forest area. Different tending operations are carried out to guide these natural regenerations subject to the availability of budget.

4.2.2. Afforestation measures:

The forestry policy stipulated to have at least 1/3rd of land area under "Forest". This target cannot be achieved unless massive efforts are made in afforestation outside the reserve forests in non-forest lands namely private lands, community lands and other public lands.

During the year 2011-12, 3098.89 lakh seedlings have been raised in the nurseries and utilized for planting in public & private lands, farm forestry in marginal agricultural lands, field bund planting and in homesteads. Out of the seedlings distributed, fuel and fodder species constitute nearly 80% and rest of them includes fruit and shade plants. Farm forestry potential in Andhra Pradesh is estimated to yield annually (5) to (6) lakh tons of wood.

Because of intensive social forestry activities taken up in the state since last decade, Andhra Pradesh state stands 3rd among all the states in tree cover outside the forest area which is 122.76 Cubic Million as assessed by Forest Survey of India. This is sample proof of the increase in the awareness of the people and the success of the programs taken up for increasing the tree cover outside the conventional forest areas.

PLANTING AND PUBLIC DISTRIBUTION OF SEEDLINGS – 2011-12

(Seedlings No. in Lakhs)

Sl. No.	Name of the Circle	Name of the District	Forest Department			Other Agencies	Grand Total [6+7]	Seedlings Utilised	
			Territorial Division	Social Forestry Division	Total			Total Seedlings Utilised	% Utilised
1	2	3	4	5	6	7	8	9	10
1	Visakhapatnam	Visakhapatnam	16.93	23.48	40.41	415.41	455.82	692.10	151.84
		Vizianagaram	7.45	23.52	30.97	35.43	66.40	136.66	205.81
		Srikakulam	12.74	36.01	48.75	4.54	53.29	73.72	138.34
Sub Total:			37.12	83.01	120.13	455.38	575.51	902.48	156.81
2	Vijayawada	East Godavari	8.53	46.69	55.22	173.69	228.91	403.51	176.27
		West Godavari	19.35	25.28	44.63	18.08	62.71	120.46	192.09
		Krishna	13.19	14.15	27.34	46.52	73.86	128.73	174.29
Sub Total:			41.07	86.12	127.19	238.29	365.48	652.70	178.59
3	Guntur	Guntur	5.73	17.23	22.96	8.61	31.57	93.86	297.31
		Nellore	15.15	32.15	47.30	41.80	89.10	115.67	129.82
		Prakasam	4.94	27.25	32.19	80.05	112.24	112.24	100.00
Sub Total:			25.82	76.63	102.45	130.46	232.91	321.77	138.15
4	Anantapur	Chittoor	21.49	15.35	36.84	0	36.84	115.40	313.25
		Anantapur	11.01	21.87	32.88	12.98	45.86	78.54	171.26
Sub Total:			32.50	37.22	69.72	12.98	82.70	193.94	234.51
5	Kadapa	Kurnool	8.90	50.41	59.31	1.35	60.66	65.99	108.79
		Kadapa	14.33	22.19	36.52	1.14	37.66	54.79	145.49
Sub Total:			23.23	72.60	95.83	2.49	98.32	120.78	122.84
6	Warangal	Khammam	15.36	21.36	36.72	36.35	73.07	83.50	114.27
		Warangal	3.56	34.38	37.94	0.72	38.66	50.38	130.32
		Karimnagar	11.49	42.92	54.41	2.16	56.57	98.01	173.25
Sub Total:			30.41	98.66	129.07	39.23	168.30	231.89	137.78
7	Hyderabad	Rangareddy	10.24	32.72	42.96	3.25	46.21	71.94	155.68
		Nalgonda	32.87	62.59	95.46	0.64	96.10	125.84	130.95
		Mahabubnagar	16.83	98.43	115.26	0	115.26	115.31	100.04
Sub Total:			59.94	193.74	253.68	3.89	257.57	313.09	121.56
8	Nizamabad	Medak	28.85	74.88	103.73	30.12	133.85	174.79	130.59
		Nizamabad	16.49	32.26	48.75	0	48.75	66.11	135.61
		Adilabad	42.79	13.52	56.31	8.30	64.61	121.34	187.80
Sub Total:			88.13	120.66	208.79	38.42	247.21	362.24	146.53
Grand Total			338.22	768.64	1106.86	921.14	2028.00	3098.89	152.81

Block Plantations and Avenue Plantations:

An extent of 342.110 Ha. Block Plantations and Avenue Plantations were raised over a length of 923.830 Kms.

Block & Avenue Plantations – under Social Forestry

Name of the Division	Block Plantation (Hectares)		Avenue Plantation (Kms)	
	2010-11	2011-12	2010-11	2011-12
Ananthapur	4.000	10.100	33.000	7.500
Chittoor	1.000	10.000	0	7.500
Ananthapur Circle	5.000	20.100	33.000	15.000
Guntur	9.000	0	12.500	56.500
Prakasham	0	15.000	40.000	30.000
Nellore	0	5.000	25.000	20.000
Guntur Circle	9.000	20.000	77.500	106.500
Hyderabad	10.000	7.000	18.000	20.000
Mahabubnagar	28.000	62.000	74.000	68.000
Nalgonda	0	53.000	74.000	56.000
Hyderabad Circle	38.000	122.000	166.000	144.000
Kadapa	0	13.850	12.500	20.000
Kurnool	0	30.000	75.000	30.000
Kadapa Circle	0	43.850	87.500	50.000
Nizamabad	0	0	27.000	26.000
Adilabad	10.000	0	40.000	40.000
Sangareddy	43.000	5.000	68.000	102.000
Nizamabad Circle	53.000	5.000	135.000	168.000
Krishna	216.000	11.560	35.000	32.330
West Godavari	200.000	30.000	51.000	34.000
East Godavari	0	0	119.000	119.000
Vijayawada Circle	416.000	41.560	205.000	185.330
Visakhapatnam	20.000	14.600	25.500	85.000
Vijayanagaram	5.000	10.000	19.000	40.000
Srikakulam	0	20.000	36.000	50.000
Vizag Circle	25.000	44.600	80.500	175.000
Warangal	17.000	0	7.500	5.000
Karimnagar	8.000	10.000	25.000	40.000
Khammam	48.000	35.000	70.000	35.000
Warangal Circle	73.000	45.000	102.500	80.000
State Total	619.000	342.110	887.000	923.830

4.2.3 Tending:

The usual cultural operations such as weeding, cleaning, thinnings, canopy lifting etc. are carried out as per the availability of budget.

CHAPTER - V

BUDGET RELEASES AND EXPENDITURE

Forest Department is implementing various developmental schemes to conserve, protect and develop the existing forests, to improve its productivity and Economic Value as per the National Forest Policy and State Forest Policy and also keeping in view the vision 2020 of the Andhra Pradesh.

Enriching existing low density forests and alleviating rural poverty are main objectives of these schemes / programmes i.e., Community Forest Management (CFM) Centrally Sponsored Schemes, National Afforestation Programme (NAP) through Forest Development Agencies (FDA), RIDF Project, Soil & Moisture Conservation, Social Forestry, Wildlife development and Human Resources development.

- ❖ The Revenue for the year 2011-12 is Rs.148.856 Crores.
- ❖ Total Expenditure incurred an amount of Rs.331.145 Crores. Rs.71.009 Crores under Plan and Rs.260.136 Crores under Non-Plan.

Following are the various Plan & Non-Plan schemes being implemented by the department.

The Budget Estimates, Release and Expenditure, the goals, mandate and the policy frame worth of the Major Plan & Non-Plan schemes are detailed here under.

I. PLAN SCHEMES:

- 5.1.1. Central Sector Schemes
- 5.1.2. Matching State Share Schemes
- 5.1.3. Centrally Sponsored Schemes
- 5.1.4. Normal State Plan Schemes

II. NON-PLAN SCHEMES:

- 5.2.1. District Offices
- 5.2.2. Buildings
- 5.2.3. Sanctuaries
- 5.2.4. Nehru Zoological Park
- 5.2.5. Other Zoological Parks
- 5.2.6. A.P. School of Forestry, Yellandu
- 5.2.7. RVP – Machkund Basin
- 5.2.8. Head Quarters
- 5.2.9. Trainings
- 5.2.10. A.P.Science Centre (APSC)

I. PLAN SCHEMES

5.1.1. CENTRAL SECTOR SCHEMES:

National Afforestation Programme:

(Central Sector Scheme-100% Central Assistance)

Government of India has formulated a scheme titled "National Afforestation Programme" by merging all the IX Plan Centrally Sponsored Afforestation Schemes implemented during IX FYP.

The scheme is 100% Centrally Sponsored and being implemented through a three tier step namely the Forest Development Agency at State level, Forest Development Agency at division level and at village level through Forest Protection Committees or Vana Samarakshana Samithies. As per the approval accorded by Government of India, the forest areas are being treated under the following treatment streams with the involvement of 2332 Vana Samrakshana Samithies. Aided Natural Regeneration, Artificial Regeneration, Pasture Development, Mixed Plantation and with NTFP value and Medicinal plants (1100 Plants/Ha) and Bamboo Plantations.

The scheme was first started during X-FYP (2002-07) and 47 FDA projects were sanctioned by GOI. This Scheme is being continued during XI-Five Year Plan period (2007-12). In the year 2011-12 Rs.14.82 Crores are released by Government of India and upto December 2011 an amount of Rs.8.262 Crores are spent and area of 4029 Ha are raised with plantations.

Progress of National Afforestation Programme (NAP) during XI FYP is as follows.

Year	Financial (Rs. in Lakhs)		Physical (Area in Ha.)	
	Releases	Expenditure	Target	Achievement
2007-08	1039.70	761.882	3739	3357
2008-09	1154.00	1258.568	6710	9074
2009-10	1159.97	1577.042	7393	11001
2010-11	1047.50	1164.890	3265	3178
2011-12	1515.68	1324.172	4053	4032
Total	5916.85	6086.554	25160	30642

1. Project Elephant (Central Sector Scheme-100% Central Assistance)

(Rs. In lakhs)

Sl.No.	Name of the Scheme	Budget Estimates	Releases	Expenditure
1.	Project Elephant (100%Central Share)	250.000	35.850	35.846

The return of the Elephants into the State from the adjoining States of Tamil Nadu and Karnataka, after a gap (400) years has been welcomed and the Rayala Elephant including the Koundinya Wildlife Sanctuary has been established in Chittoor and Ananthapur districts. The habitat improvement measures, protection measures and reduction of man-animal conflict are being taken up with the assistance of Project Elephant from Government of India and we now have a stable population of about (30) elephants in these areas.

During the year 2011-12, against release of Rs.35.850 lakhs an amount of Rs.35.846 lakhs has been spent for Project Elephant.

2. All India Project Tiger (Addl.):
(Central Sector Scheme-100% Central Assistance)

(Rs. in Lakhs)

Sl.No.	Name of the Scheme	Releases	Expenditure
1.	All India Project Tiger (Addl.)	36.070	36.070

Project Tiger:

1. Nagarjunasagar Srisailam Tiger Reserve with an area of 3568 Sq.Kms. with buffer of 1175 Sq.Kms. and Gundla Brahmeswaram Wildlife Sanctuary as its extended core is one of the largest conservation landscape in the country with nearly 6000 Sq.Kms.
2. This is country's one of the rich biodiversity hot spot having a contiguous landscape of a good forest eco-system of unfragmented Nallamalais of the Eastern Ghats.
3. Many undiscovered flora and fauna area still existing in this area of which a few new species have been discovered by the Forest Department.
4. As it is the project is going on sound principles of conservation and management backed by strong research.
5. The Primitive Tribal Group Chenchus have been involved in the management of NSTR and at present nearly 300 of them are engaged as protection watchers and animal trackers.
6. Scientific management and monitoring of wildlife is being taken up including the use of camera traps.
7. Lot of awareness and publicity initiative have been taken up under different schemes.

Achievements:

1. National Tiger Conservation Authority (NTCA), Government of India has awarded excellence award for effective human resource management for involving Chenchus in the management of Tiger Reserve.
2. Successfully taken up a good habitat management practices resulting in increase of the Tigers, Co-predators and their prey species.
3. The Bio-diversity conservation laboratory has been setup at Nagarjunasagar Srisailam Tiger Reserve, Srisailam and the various research activities are being taken. This includes preparing an inventory of the Biodiversity of Nagarjunasagar Srisailam Tiger Reserve and other P.As.
4. Ecological Knowledge Park, Environmental Education Centre renovated with theme of Biodiversity Conservation under CoP-11 funds.

Kawal Tiger Reserve:

Kawal Tiger Reserve with Core area of 892.13 Sq.Kms. and Buffer Area of 1123.00 Sq.Kms. have been notified vide G.O.Ms.No.27, EFS&T (For-II) Department, Dt:10.4.2012. The Government of India have allotted an amount of Rs.269.00 lakhs for development of this Tiger Reserve and released 1st installment of Rs. 196.00 lakhs which includes livelihood of local people, habitat development etc., during 2012-13. Apart from the GOI funds, State Government also funding various developmental activities under CAMPA, BIOSAP, State Wildlife Plan Schemes in this area.

Measures taken for improvement of protection of Kawal Tiger Reserve:

From 2011-12 onwards, the following steps for strengthening of protection of forest and wildlife are being implemented. It is observed that these measures have helped greatly in curbing forest and wildlife offences.

- (a) (16) Base camps have been established at key locations to patrol interior areas.
- (b) (2) Striking Forces with fast moving vehicle have been functioning in the Sanctuary area falling in jurisdiction of Jannaram and Nirmal Divisions.
- (c) (12) Wild Animal Trackers have been deployed to monitor the movement of wild animals on daily basis
- (d) (3) Check-posts are functioning at key locations to check the offences and restrict movement of vehicles in the Sanctuary during night time.
- (e) Habitat improvement works have been taken up resulting in the improvement in the population of wildlife
- (f) Traffic is prohibited on the roads inside Kawal Tiger Reserve from 9.00 P.M. to 6.00 A.M.

During the year 2011-12 an amount of Rs.36.070 lakhs has been released and spent for All India Project Tiger (Addl.).

**3. 13th Finance Commission Grants – Maintenance of Forests
(Central Sector Scheme – 100% Central Assistance)**

The 13th Finance Commission has allocated Rs.26864.00 lakh for “Maintenance of Forests”. The amount has to be utilized during the period of 2010-11 to 2014-15. As per the guidelines of 13th Finance Commission Reports.

The amount is proposed to be spent and expenditure for the year 2011-12 of following components.

(Rs. in Lakhs)

Sl. No	Name of the Component	Budget Estimates	Expenditure
1	Forest Protection	429.620	533.938
2	Wildlife	580.000	724.547
3	Social Forestry	1379.350	1518.430
4	FDA	572.000	772.489
5	Research	21.850	32.650
6	Training	70.000	102.542
7	IT & Communication Components	192.600	197.000
8	Preparation and revisiting of Working Plans	112.580	104.564
Total		3358.000	3986.160

During the year 2011-12 against proposals of Rs.3358.000 lakhs an amount of Rs.3986.160 lakhs has been spent under 13th Finance Commission Grants.

The Objectives for utilizing the funds under 13th Finance Commission Grants are detailed as hereunder.

1. **Forest Protection:** With a view to protecting existing forest resources, a number of measures are required to be taken for which suitable sub-components namely Networking and Communication, Striking Force and Resource Management etc.,. For this component an amount of Rs.4358.74 lakhs has been provided in the Action Plan for the entire project period of (5) years i.e., 2010-11 to 2014-15.
2. **Wildlife:** The main focus under this component will be on protecting the Wildlife Sanctuaries, National Parks and Development of Eco-Tourism, resolving main animal conflict, managing fringe forests / wildlife habitat and conserving (2) large wet lands of international importance namely Kolleru lake and Pullicat lake. For this component an amount of Rs.5236.03 lakhs has been provided in the Action Plan for the entire project period of (5) years i.e., 2010-11 to 2014-15.
3. **Social Forestry:** Under this component, the focus is to create additional forest resource outside the Reserve Forest area and also to increase the forest cover to achieve the national goal of 33% forest area in the country. As such it is essential for raising of nurseries, plantations and maintenance. The State has taken up Bio-Diesel plantations under Rural Infrastructure Development Fund (RIDF) funded by NABARD. From 2011-12 onwards this component is included in Social Forest Component.
 The Species raised for Bio-Diesel is Pongamia. Since Pongamia is very slow growing, it is required to be maintained for a little longer period to ensure that seeds are produced for Bio-Diesel. NABARD provides for maintenance of these plantations only one year. These plantations require 2nd and 3rd year maintenance. The Government have also permitted the Department to maintain these plantations in 2nd year and 3rd year with the fund under 12th Finance Commission, which had ended.
 Keeping the need to maintain these Bio-diesel plantations, it is proposed to maintain these plantations in 2nd year and 3rd year out of the funds from 13th Finance Commission, as there is no other source of funding available from the regular budget to maintain such plantations. For this component, an amount of Rs.10130.87 (Rs.358.00 + Rs.9772.87) lakhs has been provided in the Action Plan for the entire project period of 5 years i.e., 2010-11 to 2014-15.
4. **Forest Development Authority (FDA):** The focus under this component is on increasing the greenery by raising plantations through the Forest Development Agency (FDA) by involving local communities. For this component an amount of Rs.5052.77 lakhs has been provided in the Action Plan for the entire project period of (5) years i.e., 2010-11 to 2014-15.
5. **Research:** With a view to provide better planting material and to have proper technology for increasing the production from the Forests, adequate attention is needed on research. The research activities will focus on increasing production by providing improved planting material and developing suitable techniques for raising plantation, harvesting, processing and value addition in forest produce etc., to get better income from the Forestry Crops, transferring technology from lab to field by giving adequate training to the field level staff and farmers in application of techniques developed. For this component an amount of Rs. 371.85 lakhs has been provided in the Action Plan for the entire project period of (5) years i.e., 2010-11 to 2014-15.

6. Training: Training plays a very important role in successful implementation of developmental works. Keeping this important aspect in view, it is proposed to train forest field staff, village communities living around the forests, the NGOs engaged in the Forest Development with the communities so that the objective of conserving, developing and utilizing forest resources on a sustainable basis can be achieved.

A.P. Forest Academy situated at Dulapally run by A.P. Forest Department having the necessary infrastructure and the expertise to impart these trainings. It is proposed to organize all such trainings in A.P. Forest Academy, Dulapally. For this component an amount of Rs.364.85 lakhs has been provided in the Action Plan for the entire project period of (5) years i.e., 2010-11 to 2014-15.

7. Informatin Technology & Communication: To have a complete data base and information of Forest Management Monitoring and Evolution the Forest Department has developed separate Information Technology and Communication wing headed by an Addl. Prl. Chief Conservator of Forests at state level. The wing is successfully functioning and developing upto date data on Forest Management. The wing is also maintaining the Geomatics Centre at Dulapally and (6) Regional Geomatics Centres at Kurnool, Warangal, Rajamundry, Adilabad, Tirupati and Visakhapatnam. For meeting the expenditure of equipments etc., suitable proposals are made in this project. For this component an amount of Rs.991.35 lakhs has been provided in the Action Plan for the entire project period of (5) years i.e., 2010-11 to 2014-15.

8. Preperation and Revisiting of Working Plans: As per the guidelines of 13th Finance Commission preparation of Working Plans are linked with the releases of funds from 13th Finance from 3rd year onwards. (7) Working Plans are going to expire by March, 2012. (23) Working Plan by March 2013, (5) Working Plans by March 2014 and (1) Working Plan by March 2015. The Addl. Director General of Forest, MoEF, NAEB, GOI vide letter dt:31-12-2010, has suggested to utilize 13th Finance Commission funds for preparation of working plan and also for strengthening the working plan party for infrastructure. It was also suggested to provide a working plan officer with a new vehicle, office, computer, digitizer, scanner, plotter and electronic storage of information to facilitate the working to be completed in stipulated period. According to the requirement for the preparation of working plans in order to their expiry has been included in the Action Plan from 2010-11 to 2014-15. For this component an amount of Rs.357.54 lakhs has been provided in the Action Plan for the entire project period of (5) years i.e., 2010-11 to 2014-15.

5.1.2. MATCHING STATE SHARE SCHEMES (MSSS):

(Rs. In lakhs)

Sl. No.	Name of the Scheme	Budget Estimates	Releases	Expenditure
1.	Development of National Parks & Sanctuaries (50% Recurring Expenditure)	10.000	0	0
2.	Integrated Forest Protection (Fire Protection) Scheme (IFPS) (25%)	100.000	0	0
3.	R.V.P – Improving productivity of degraded lands in Machkund Sileru Basin (10%)	15.000	39.080	32.165
Total: B		125.000	39.080	32.165

1. Development of National Parks & Sanctuaries:

The developmental activities in National Parks & Sanctuaries are being taken up with the Central Assistance. The fund released by the State Government is under Matching State Share & Normal State Plan. There are altogether (27) Protected Areas i.e., (6) National Parks & (21) Wildlife Sanctuaries in the State. The Government of India is sanctioning the Schemes for (15) high priority Protected Areas including (6) National Parks and Project Tiger Reserve with a cost sharing of 100% grant for non-recurring expenditure and 50% share towards recurring expenditure. The remaining 50% provision towards recurring cost is provided by the State under Matching State Share. The objective of the Scheme is to take up the habitat improvement works in (15) wildlife sanctuaries including the (6) National Parks and Project Tiger Reserve, besides taking up of Wildlife education programme.

2. Integrated Forest Protection (Intensification of Forest Management)

Under Integrated Forest Protection Scheme (75:25), the funds are provided by the Government of India (Central Share) as well as State Government (Matching State Share) for implementation of the scheme.

3. River Valley Project:

The main object of the RVP Scheme is to prevent soil erosion in the catchment areas of Machkund-Sileru Basin, to reduce the siltation of the reservoir and to improve the productivity of the degraded lands in the catchment through vegetative and soil-moisture conservation measures. The objective is also to away the tribals from Podu Cultivation and also to improve employment potential and economic relief to the rural poor.

Under the Matching State Share Scheme (MSSS) an amount of Rs.125.000 lakhs estimated, Rs.39.080 lakhs released and Rs.32.165 lakhs has been spent during the year 2011-12

5.1.3. CENTRALLY SPONSORED SCHEMES:

(Rs. In lakhs)

Sl.No.	Name of the Scheme	Budget Estimates	Releases	Expenditure
1.	Development of National Parks & Sanctuaries (Central Share - 100% Non Recurring expenditure + 50% Recurring expenditure)	1000.000	388.000	387.286
2.	Integrated Forest Protection (Fire Protection) Scheme (Central Share – 75%)	743.540	0	0
3.	R.V.P – Improving productivity of degraded lands in Machkund Sileru Basin (Central Share – 90%)	722.200	576.760	483.888
4.	Fodder Feed Development (S)	0	6.429	6.429
Total: C		2465.740	971.189	877.603

**1. Development of National Parks & Sanctuaries:
(Centrally Sponsored Scheme-100% Non-recurring Cost + 50% Recurring Cost)**

There are (6) National Parks and (21) Wildlife Sanctuaries which are called Protected Areas for **in-situ** conservation. The Protected Areas are spread over 13,003.51 sq.kms or 4.72% of the geographical area or 28.83% of the total forest area of the State. In addition, we have (4) Zoological Parks and (14) Deer Parks in the State for **ex-situ** conservation of wildlife.

The Sanctuaries and National Parks in the State are being developed under various Wildlife schemes funded by the Central Government of 12th Finance Commission & 13th Finance Commission and the State Government. The details of the schemes under implementation together with the details of the Sanctuaries covered in the respective schemes are furnished hereunder.

Sl. No.	Name of the Scheme	Sanctuaries covered	Remarks
1	Development of National Parks & Sanctuaries (CSS / MSS)	<p><u>National Parks (6):</u> MHV, KBR, Mrugavani, Rajiv Gandhi, Sri Venkateswara (SV) & Papikonda</p> <p><u>Wildlife Sanctuaries (21):</u> Kawal, pranahita, Sivaram, Etunagaram, Pakhal, Coringa, Kolleru, Krishna, Pocharam, Manjeera, Kinnerasani, Rollapadu, G.B.M, Nellapattu, Rajiv Gandhi, Sri Venkateshwara, Pullicat, Lanka Malleshwara, Peniusula, Kambalakonda & Project Tiger Reserve.</p>	Funds allotted 2011-12 Rs.1010.00 lakh (Rs. 1000.00 Central share) & (Rs.10.00 lakh State share)
2	Sanctuaries – NSP {2406-02-110-11-(04)}	<p><u>Wildlife Sanctuaries (18):</u> Kawal, Pranahita, Sivaram, Etunagaram, Pakhal, Papikonda, Coringa, Kolleru, Krishna, Pocharam, Manjeera, Kinnerasani, Peninsula Narasimha, Tiger Reserve, Rollapadu, G.B.M & Nelapatu. Control of poaching and wildlife education and interpretation.</p> <p><u>KBR National Park (3)</u> KBR, MHV and Venkateswara.</p>	Funds allotted during 2011-12 Rs.200.00 lakh
3	Development of National Parks Sanctuaries – NSP {2406-2-110-11-(06)}	<p><u>Wildlife Sanctuaries(7):</u> Nellapatu, Sri Venkateswara, Pullicat, Lanka Malleswara, G.B.M, Peniusula & Kambalakonda</p> <p><u>Uppalapadu Bird Resort, Vana Vignana Kendra, Warangal</u></p> <p><u>National Parks (5):</u> S.V.,M.H.V, KBR, Mrugavani & Rajiv Gandhi.</p>	Funds allotted during 2011-12 Rs.100.0 lakh

The Major activities taken up for development and conservation of wildlife in the National Parks & the Wildlife Sanctuaries of the State are: Improvement of Habitat; Development of communication network Strengthening protection measures; Fire protection measures; Infrastructure; Wildlife Education & Extension; Wildlife health; Wildlife Census, Surveys & Monitoring and Eco-development.

2. Intensification of Forest Management Scheme (formerly Integrated Forest Protection) (Centrally Sponsored Scheme-75% Central Share-25% State Share)

Integrated Forest Protection Scheme is being implemented in Andhra Pradesh since 2002-03. During the first year i.e. 2002-03, it was implemented with 100% Central Assistance. However, from 2003-04 on-wards the G.O.I decided to implement the scheme with 75% Central Share and 25% State Matching Share. Under the scheme, it has been contemplated to protect the forest areas in the State from the Fire Hazards by way of providing required infrastructure and taking up of fire control measures. It has also been contemplated to build up infrastructure to prevent smuggling of valuable forest produce besides preventing poaching of wild animals.

The G.O.I have renamed the Integrated Forest Protection Scheme as Intensification of Forest Management Scheme (IFM), Vide Lr.No.3-6/2008-FPD, Ministry of Environment & Forests (FP) Division, New Delhi, dt:30-10-2008 and added (4) new components as shown below to the existing scheme and these components are 100% Centrally Sponsored.

1. Protection and Conservation of Scared Groves
2. Conservation and Restoration of Unique Vegetation & Eco-systems
3. Control and Eradication of Forest Invasive Species
4. Preparedness for Meeting Challenges of Bamboo Flowering and Improving Management of Bamboo Forest

Creation and Maintenance of Fire lines, Survey & Demarcation of boundaries, Engaging Fire Watchers, Procurement of Fire fighting equipments, Purchase of vehicles for providing mobility to the staff, Creating infrastructure like maintenance of roads, construction of staff quarters and strengthening the wireless network are the main activities of the Scheme.

3. River Valley Project:

(Centrally Sponsored Scheme-90% Central Share and 10% State Share)

The scheme is under implementation from 1962-63 onwards on watershed approach basis. Till 2000-01, the GOI was providing 100% fund for implementation of the scheme and from 2001-02 onwards, funding pattern has been changed. The scheme is under implementation with funding pattern of 90:10 between Central & State Government. This scheme is included in the Micro Management Plan of Agriculture and the Commissioner & Director of Agriculture, A.P. being the Nodal Officer of Macro Management of Agriculture is releasing the funds received from Government of India for this scheme. Under Normal State Plan also the scheme is being implemented.

4. Fodder Feed Development (S):

The Government has sanctioned a budget for Fodder Feed Development (S) under Centrally Sponsored Scheme.

Under the Centrally Sponsored Schemes (CSS) an amount of Rs.2465.740 lakhs estimated, Rs.971.189 lakhs released and Rs.877.603 lakhs has been spent during the year 2011-12.

5.1.4. NORMAL STATE PLAN SCHEMES:

(Rs. in lakhs)

Sl. No.	Name of the Scheme	Budget Estimates	Releases	Expenditure
1.	District Offices			
	i. Regional Offices / Silvicultural Research	10.750	8.070	9.444
	ii. Strengthening and Up-gradation of Forest Department / Publicity	40.000	30.000	29.803
	iii. Forest Protection	149.250	111.960	127.471
	Total: District Offices	200.000	150.030	166.718
2.	Mixed Plantation (Social Forestry)	50.000	25.020	22.964
3.	a. Telugu Ganga Project (TGP)	118.000	88.500	111.319
	b. TGP Works (S)	0	440.005	440.005
	Total: TGP	118.000	528.505	551.324
4.	Tree and Pasture Seed Development	100.000	50.000	49.996
5.	Environmental Planting in degraded forest around urban areas	5.000	2.500	2.500
6.	Zoological Parks	600.000	451.780	411.964
7.	Sanctuaries	200.000	100.100	96.098
8.	Development of National Parks & Sanctuaries	100.000	50.000	49.797
9.	APSOF Yellandu	5.000	2.500	2.232
10.	R.V.P – Improving productivity of degraded lands in Machkund Sileru Basin.	50.000	37.530	32.469
11.	Dr. YSR Project (Addl.)	300.000	747.000	747.000
	Total: D	1728.000	2144.965	2133.062

During the year 2011-12 for all the Normal State Plan Schemes, an amount of Rs.2133.062 lakhs has been spent against the releases of Rs.2144.965 lakhs.

1. District Offices: (Normal State Plan)

The following State Plan Schemes were clubbed with SH 2406-01-001-11 (03) – District Offices from 2003-04 onwards.

- Regional Offices / Silvicultural Research
- Strengthening and Upgradation of Forest Department (Publicity)
- Forest Protection

The aim of the Scheme is to maintenance of research works, publicity, raising nurseries / plantations and protection.

a. Regional Offices / Silvicultural Research:

The Scheme of Silvicultural Research under Regional Offices is being implemented year after year as a State Plan Scheme. There is a need to develop suitable species specific areas and introduce high yielding varieties in the planting programme in the department. Silvicultural Research has assumed a greater significance for the improvement of the natural forests particularly in afforestation of the large tracts of degraded forests lands duly involving the VSS under the Community Forest Management Programme. Keeping the above in view, the scheme is proposed to be implemented to continue and to conduct the experiments and standardize the improved nursery techniques, vegetative propagation, natural forest management etc.

The traditional soil filled bag plant nurseries and use of seed from unknown sources are obsolete in the present day context of clonal forestry and Root Trainer nursery technology. The following experiments on nurseries are proposed to be continued to find the results.

1. Culling at eh nursery stage
2. Application of Bio-Pesticides & Bio-Fertilizers
3. Hardening of seedlings

It helped in conducting trials on improved nursery technology, standardization of potting medium, development and maintenance of demonstration plots etc., on variety of indigenous timber species.

b. Strengthening and Up-gradation of Forest Department (Publicity):

The main objective of this scheme is to cause wide publicity of the Forest Department activities highlighting the achievements and also create awareness on Conservator of Forests, Biodiversity and wildlife among the general public.

The Forest Utilization Officer is implementing the scheme which includes component for giving wide publicity to encourage more effective and intensive utilization of forest products in trade and industries and make publicity by organizing Exhibitions in All India Industrial Exhibition, Hyderabad every year and also at Vijayawada to enlighten the public about the developmental activities taken up by the Forest Department and also to bring awareness regarding effective utilization of forest resources.

Preparation of Forest Department Tableaux during National functions i.e., 26th January and 15th August, publishing Annual Administration Reports and Facts and Figures of the Department and brochures are also undertaken under the scheme. Advertisements are also released to Newspapers highlighting the achievements.

A Statistical Cell is established in F.U.O Office to study the trends in the market for Timber and other forest produce and work in collaboration with Territorial Divisional Forest Officers to secure the best price to the forest produce sold by them by constant interaction in furnishing data on market trends on various forest products.

c. Forest Protection Scheme:

The Government has laid much emphasis on the protection of forests. The Forest Department has a separate Vigilance Wing at Headquarters headed by a Addl. Prl. Chief Conservator of Forests (Vig.), who in turn is assisted by Chief Conservator of Forests, Divisional Forest Officers and (3) Vigilance Parties. Besides this, (15) Flying Squad Parties and (35) Mobile Parties are functioning at the field level for effective protection of vulnerable forest areas.

The Vigilance cell along with the Flying Squad Parties is also enquires into the allegations, takes up inspections and conducts surprise checks for detection of illicit forest produce in storage and patrols the vulnerable routes to check the smuggling of the forest produce.

2. Mixed Plantation (Social Forestry):

Social Forestry deals with raising of plantations out side reserve forest areas with objectives to increase the forest cover outside the reserve forest as envisaged by the Government of India, Planning Commission (33% of Geographical areas by 2012) and to realize cherished goal of “**Haritha Andhra Pradesh**”. The department is raising nurseries and plantations and distributing seedlings to people under Social Forestry Programmes.

Development and maintenance of Kartheekavanams & Block plantations raised during previous years are also maintained with the funds available under the scheme. Avenue Plantation raising of tall plants and small bag seedlings are also taken up under this scheme.

3. Telugu Ganga Project (Compensatory Afforestation Scheme):

The Government of India while approving the diversion of 10,371.40 Ha. of forest land in Kurnool, Kadapa, Nellore and Chittoor Districts for the construction of Telugu Ganga Project has stipulated catchment area treatment and Canal Bank Afforestation besides Compensatory Afforestation.

The State Government has sanctioned the Environmental Management Plan Scheme for a period of (6) years. The fund for implementation the EMP – TGP is provided in the BEs of Irrigation Department whereas staff cost is provided by the Forest Department in the budget under this scheme.

The funds released and has been spent separately for TGP and its works.

4. Tree & Pasture Seed Development:

The main objective of the Tree and Pasture Seed Development scheme is to improve the genetic quality of the reproductive propagules and to supply high quality seed to cater to the needs of Territorial and Special Divisions in the Forest Department. Accordingly (2) Seed Testing Laboratories were established at Rajahmundry & Warangal and they have got the potential to collect, process and supply seeds of many tree species like *Tectona grandis*, *Pterocarpus marsupium*, *Gmelina arborea*, *Terminalia arjuna*, *Terminalia alata*, *Eucalyptus*, *Casuarina equisetifolia* etc.

The scheme "Tree Pasture Seed Development" was originally sanctioned by the GOI as 100% Centrally Sponsored Scheme during IX FYP with an outlay of Rs.67.36 lakhs and an amount of Rs.65.513 lakhs was released till 2001-02. The scheme was implemented at a cost of Rs.67.822. lakhs during IX FYP. However, the GOI has dispensed this scheme along with other CSS Afforestation Schemes during the X FUP and advised the State Government to include the scheme in the Normal State Plan. Therefore the scheme is being implemented as a new scheme under Normal State Plan from 2002-03 onwards with state funds only.

5. Environmental Planting in degraded lands around urban area:

This scheme is being implemented under Normal State Plan from 2003-04 during X-FYP. The scheme envisages development of greenery around urban areas. Considering the rapid urbanization, industrialization and abnormal increase in the pollution levels, it has become necessary to raise plantations in these areas to provide clean air and improved aesthetics environment to the urban people, besides improving economic value of the low density forests. The scheme also provides employment to the surrounding villagers.

6. Zoological Parks:

There are (4) Zoological Parks in the State for ex-situ conservation of wildlife viz., Nehru Zoological Park, Hyderabad, Sri Venkateshwara Zoological Park, Tirupati, Indira Gandhi Zoological Park, Visakhapatnam and Vana Vignana Kendra Mini Zoo, Warangal. The Nehru Zoological Park located at Hyderabad is recognized as one of the few top zoological parks of the World.

7. Sanctuaries:

There are (3) Wildlife Management Circles headed by the Officers in the rank of Chief Conservator of Forests / Conservator of Forests located at Srisaïlam, Hyderabad, Tirupati and Eluru. These Circles ensure enforcement of the provisions of wildlife act and provide planning and guidance to wildlife divisions under their jurisdiction. The budget under this scheme is utilized to cater the needs of the circles and divisions and their control.

Developmental activities in the following National Parks and Wildlife Sanctuaries are being taken up under the Normal State Plan "Sanctuaries".

"Kawal; Pranahita; Sivaram; Eturunagaram; Pakhal; Papikonda; Coringa; Kolleru, Krishna, Pocharam; Manjeera; Kinnerasani; Rollapadu; G.B.M Wildlife Sanctuaries & Development of V.V.K. Warangal and **Rajiv Gandhi National Park**".

8. Development of National Parks and Sanctuaries:

The Government has sanctioned a budget for implementation of development of National Parks & Sanctuaries scheme under Normal State Plan during 2008-09 and from there on wards the scheme is being implemented in the State.

9. A.P. School of Forestry, Yellandu:

The Department lays greater emphasis on Forestry Training for the officers and field staff who are involved in the scientific management of forests. The Staff members are given training in Joint Forest Management, Improved Nursery and Plantation techniques, Bio-diversity and Eco-Development, Recent trends in Forestry Management, Accounting Procedure and Administrative matters etc. The A.P. School of Forestry, Yellandu and A.P. Forest Academy, Dulapally imparts training to the in-service front line staff.

The A.P. Forest Academy, Dulapally has been empanelled as one of the colleges to be run under the control of Directorate of Forest Education (DFE), Dehradun for imparting (18) months induction training course to the direct recruits Forest Range Officers.

10. River Valley Project – Improving Productivity of degraded lands in Machkund Sileru Basin:

The Government has sanctioned a budget for implementation of RVP Scheme under Normal State Plan.

11. Dr. YSR Smruthi Vanam Project:

In the memory of of Late Dr.Y.S. Rajasekhara Reddy former Chief Minister of Andhra Pradesh who died in the helicopter crash on 2nd September 2009 in the Gundla Brahmeswaram Wildlife Sanctuary (Nandyal Reserve Forest), the Government have notified an area on 1412.14 Ha (about 3500 Ac) in Velugoda Reserve Forest, Atmakur Wildlife Management Division to setup Dr.Y.S. Rajasekhara Reddy Smruthi Vanam.

The Government have approved the project with a financial outlay of Rs.1300.00 lakhs. The project period is 3 years (2010-11 to 2012-13) with inception year 2009-10.

An area of 22.20 acres of private land near Nallakalva Village adjacent to Smruthi Vanam has been acquired for development of the memorial with landscaping as part of the project.

➤ Total Plan Expenditure (5.1.1. to 5.1.5) = **7100.906** Lakh Rupees

II. NON-PLAN

One of the major scheme for implementation under the Non-Plan sector is Departmental Extraction of Timber (DET). The Budget allocation for this scheme is included in the scheme 2406-01-001-(03) – District Offices under Non-Plan Sector. During the year 2011-12 the budget estimate proposal is Rs.27449.200 lakhs. The proposal exclusively for works under (03) – District Offices is Rs.1903.50 lakhs (270/271-O.E & 272-Maint.), out of which the allocation for DET scheme was Rs.1656.40 lakhs, as this is a revenue fetching item of expenditure.

The details of proposals for works item of Rs.1903.50 lakhs for the year 2011-12.

(Rs. In lakhs)

Sub-Detailed Head	Budget Allotment
271 – Other Expenditure	
District Offices	151.66
Department Extraction of Timber	1656.40
Total:	1808.06
272 – Maintenance	
District Offices	69.74
Department Extraction of Timber	25.70
Total:	95.44
Grand Total	1903.50

The Head wise details of budget in respect of all the Non-Plan Schemes:

(Rs. in Lakh)

Sl. No.	Name of the Scheme	Budget Estimates	Expenditure
5.2.1	District Offices	27449.200	21613.627
5.2.2	Buildings	172.210	73.882
5.2.3	Sanctuaries	2475.540	1933.555
5.2.4	Nehru Zoological Park	177.240	171.085
5.2.5	Other Zoological Parks	236.190	193.494
5.2.6	APSOF Yellandu	133.600	115.933
5.2.7	RVP – Machkund Basin	309.780	216.568
5.2.8	Head Quarters	2942.670	1583.538
5.2.9	Trainings	5.890	4.954
5.2.10	A.P. Science Centre	80.730	107.010
Total		33983.050	26013.646

During the year 2011-12 the allocation of the budget estimates under all Non-Plan Schemes was Rs.33983.050 lakhs and the Expenditure incurred is Rs.26013.646 lakhs.

➤ Total Non-Plan Expenditure (5.2.1 to 5.2.10) = **26013.646** Lakh Rupees

The A.P. Forest Department has implemented the following some of the important Non-Plan Schemes.

1. DISTRICT OFFICES:

The Major scheme under Non-Plan being implementing by the Department is Departmental Extraction of Timber (DET) & Other Forest Produces. Besides this, the funds under the scheme are also being utilized under Social Forestry, Forest Protection, Research Development, Working Plan and District Offices also. The major part of the budget allocated to for payment of salaries and allowances of the Officers and Staff working in the department. The work part of budget under this head of account is to meet the expenditure on the following works:

I. Departmental Extraction of Timber & Other Forest Produce (DET):

The Departmental Extraction of Timber, Fuel and Pulp Wood, Faggot Wood, Long Bamboo and Bamboo Industrial Cuts (BIC) from natural forests as well as Plantations were introduced from the year 1976-77 after disbanding the existing Contractor System.

At present, there is a moratorium on extraction of timber from natural forests except for bamboo from the overlapping bamboo forests. The major activity comprises of harvesting timber and poles from matured plantations of Teak, Eucalyptus, Casuarinas etc. and long bamboos and BIC from the bamboo coupes as per the prescriptions of working plan of the respective Divisions. To implement this scheme the State Government makes budget provision and fixes the physical and financial targets every year under the Head of Non-plan schemes.

ii. District Offices:

The budget allotted for this scheme is utilized mostly for maintenance of the old plantation and maintenance of works to be carried out in the existing forests.

2. BUILDINGS:

Government during 2006-07 has provided the budget for the Non-Plan scheme "Buildings" under new head of account i.e., *2059-Public Works, 01 – Office Buildings, MH – 053 Maintenance and Repairs, SH (44) Buildings of Prl. Chief Conservator of Forests – 270/271 – Other Expenditure nad 270/272 – Maintenance.* Repairs and maintenance of old Buildings under the control of PRI.CCF are carried out with the funds made available under this head of account. Further, as the APCFM Project is ended by 31-03-2010 the maintenance of "ARANYA BHAVAN" is to be taken up from this budget only.

3. SANCTUARIES:

There are (4) Wildlife Management Circles headed by the Officers in the rank of Addl. Prl. Chief Conservator of Forests / Conservator of Forests located at Hyderabad, Srisaillam, Tirupati and Eluru. These Circles ensure to enforcement of the provisions of wildlife act and provide planning and guidance to wildlife divisions under their jurisdiction. The budget under this scheme is utilized to cater the needs of the circles and divisions and their control.

4. ZOOLOGICAL PARKS:

There are (4) Zoological Parks in the State for ex-situ conservation of wildlife viz., Nehru Zoological Park, Hyderabad, Sri Venkateshwara Zoological Park, Tirupati, Indira Gandhi Zoological Park, Visakhapatnam and Vana Vignana Kendra Mini Zoo, Warangal. The first (3) zoos are working under the control of Director, Zoos, Hyderabad.

a. Nehru Zoological Park, Hyderabad

The Nehru Zoological Park at Hyderabad was established in 1961 over an area of 130 Ha. The total number of animals, birds and reptiles in the zoo are over (2000), representing about (156) species. The Zoological Park is having enclosures for important wild animals, such as lion, tiger, bear, bison, rhinoceros etc., besides a safari park and nocturnal animal's house.

b. Indira Gandhi Zoological Park, Visakhapatnam

Indira Gandhi Zoological Park at Visakhapatnam was established during 1972 over an area of 250 Ha on the sea shore. The total number of animals in the zoo, including birds and reptiles are over (1100), representing about (80) species. More enclosures have established during the Upgradation of the zoo.

c. Sri Venkateswara Zoological Park, Tirupathi

In this zoo, there are about (300) varieties of animals, birds and reptiles representing about (35) species. The zoo was opened in July 1993. Various developmental works are being carried out in the zoo by considering the large number of tourists visiting Tirupathi & Tirumala from all over the country. Recently a Theme Park relating to Wildlife Conservation was added to the zoo.

All the activities in the above Zoos will be taken up with the funds under Non-Plan Schemes viz., Nehru Zoological Park & Other Zoological Parks.

d. Vana Vignan Kendra Mini Zoo, Warangal:

The Vana Vignana Kendra Mini Zoo is also located which is working under the control of Chief Conservator of Forests, Warangal.

The department is also implementing the other Non-Plan Schemes such as APSOF, Yellandu; Afforestation etc., in Machkund Basin (RVP); Head Quarters and Training.

5. A.P. SCIENCE CENTRE (APSC):

The Government in G.O.Ms.No.5, EFS&T (S&T) Dept, Dt:08-01-2007 have issued orders placing the services of staff of A.P. Science Centre at the disposal of Prl. Chief Conservator of Forests. The budget head of account of A.P. Science Centre was also transferred to Forest Department and Prl. Chief Conservator of Forests has been authorized to operate the said head of account and to draw and disburse the salaries and allowances to the staff of A.P.Science Centre from 01.04.2007 onwards.

6. USER CHARGES:

The Government have issued orders in G.O.Ms.No.170, Fin. & Plg. (FW:BG) Department, dt.23.4.2001 for levying user charges for the facilities / services provided by the department to the users. The Forest Department is collecting the user charges in the Zoological Parks, National Parks, A.P.Forest Academy, Dullapally and through sale of high value grafted NTFP seedlings and collection of Compounding fee etc. The User Charges, so collected will be utilized for various development activities and other requirements as contemplated in the orders issued in G.O.Ms.No.125, EFS&T (For.I) Dept., dt.23.12.2002.

7. BEEDI LEAF COLLECTION:

The scheme of regulation of Trade in Beedi leaf was introduced in the State during the year 1971 with the passing of A.P. Minor Forest Produce (Regulation of Trade) Act, 1971. The Departmental collection of beedi leaf was introduced from 1987. The A.P.Forest Development Corporation Limited, Hyderabad has been appointed as an agent to the Government. For 2011 Beedi leaf season, the department has sold (282) units with a target of 4.033 lakh standard bags and achieved 3.445 lakh standard bags which is 85.42% of the target. There are (352) Beedi Leaf units spread all over the entire Telangana Region of the State. The Beedi Leaf is collected from the Reserved Forest Areas and other Government lands and is also purchased from the registered growers. The scheme is unique in its own way by generating about 5.00 lakh mandays of employment to the tribal and other rural poor in the lean agricultural season of the year i.e., during summer, within a short period of 50 days.

8. A.P. STATE CAMPA:

The A.P. State Compensatory Afforestation Fund Management and Planning Authority (CAMPA) was introduced in the state in the year 2009-10 to promote, Afforestation and regeneration activity as a way of compensating for forest land diverted for Non-Forest purposes and to improve the forest cover in the state of A.P. beside strengthening the frontline the field forest staff for protecting the forest. The following are the aims and objectives of the State CAMPA.

- a. Conservation, Protection, Regeneration and Management of existing natural forests.
- b. Conservation, Protection and Management of wildlife and its habitat within and outside protected areas including the consolidation of the protected areas.
- c. Compensatory Afforestation.
- d. Environment Services

The funds shall be released in favour of the State CAMPA directly from the Government of India.

9. MGNREGS:

The Forest Department is practicing in implementation of Mahatma Gandhi National Rural Employment Guarantee Scheme and taking up forestry operations in the Reserved Forest Areas and outside.

Raising of Plantations, Soil & Moisture Conservation works and Habitat Improvement works are being taken up in the Vana Samrakshana Samithies areas and Forest areas.

Raising of Nurseries and Plantations in farmers lands, Public Institutions and Community lands and raising of Avenue Plantations, etc., are being taken up by the Social Forestry wing outside the Reserved Forest Areas.

10. REVENUE:

Maintenance of Ecological balance, conservation of bio-diversity and healthy environment are the main concerns of the Forest Department rather than revenue earning. However, the department derives revenue from Sale of Timber, Bamboo, Fuel wood and Non-Timber Forest Produce (NTFP).

During the year 2011-12 the revenue received of Rs. 14885.640 Lakhs.

➤ Total Expenditure	=	331.145 Crore Rupees
➤ Total Revenue	=	148.856 Crore Rupees

The detailed Heads wise Revenue are shown in the return No. 20 & 21.

CHAPTER – VI UTILIZATION

6.1 – FOREST OUT TURN

State wise growing stock of entire country in Major Forest STRATA was assessed by the Forest Survey of India using available information from (1) Vegetation Maps based on Satellite data. (2) Thematic Maps and (3) Ground inventories of Forest carried out by Forest Survey of India.

The area of the notified forests in the state is 63814 Sq.Kms and the total growing stock comes to 232.08 Million Cu.M. The growing stock per Ha comes to 36.37 Cu.M.

The distribution of growing stock in different canopy cover classes as derived by the Geomatics Centre of the AP Forest Department is as follows.

Sl. No.	Canopy cover class	Area in Sq. Kms.	Total growing stock in million M3	Growing stock per Ha in cubic meter
1	Dense (>0.4)	28,309	168.66	59.58
2	Open (0.1 – 0.4)	19,498	56.89	29.18
3	Scrub (<0.1)	4,898	6.53	13.34
Total		52,705	232.08	

Source: AP Forest Inventory Report 2010.

The Growing Stock in the production of Forests of the State is mostly of mixed Timber, Fuel Wood and Bamboo. The most important species are Teak, Yegisa, Bandaru, Tirumanu, Nallamaddi, Anduk, Satin, Kodisa, Chennangi, Yepi and Rose wood.

The State has a Growing Stock of 232.08 Million Cu.M out of which 168.66 million Cu.M is contributed by Dense Forests at 59.58 Cu.M. per Ha, 56.89 Cu.M. is contributed by Open Forests at 29.18 Cu.M. per Ha and 6.53 million Cu.M. is contributed by Scrub Forests at 13.34 Cu.M. per Ha.

Red Sanders (*Pterocarpus santalinus*) is growing in Kadapa and Chittoor districts in large extents and limited extent in Nellore District. These species of wood are found only in State of Andhra Pradesh. Teak is the important species growing in Adilabad, Nizamabad, Warangal, Karimnagar and Khammam districts. Bamboo (*Dendrocalamus Strictus*) is available in the districts of Visakhapatnam, Khammam, Prakasham, Kurnool, Kadapa, Mahaboobnagar, Adilabad, Warangal, East and West Godavari. Bamboo (Sadanam) forms the under storey, wherever it grows and Mullem Bamboo *Arundinacea* is found along sides of streams and the banks of rivers. Sal grows in some parts of the Srikakulam district.

A large number of Minor Forest Products like Green Chiranjji, Honey, Mohwa, Tamarind, Myrabalans, Shikakai, Soap Nuts etc., have been entrusted to the Girijan Co-operative Corporation Limited for collection on a monopoly basis, on payment of Royalty as fixed by the Government from time to time.

Abnus leaf (Beedi leaf) Collection in the Telangana region is being carried out by advance sales through tenders and Department handovers green leaf to purchaser at Khalla Site on the date of Collection.

Some of the forest produce like custard apples were given to the local societies of the weaker sections on the average price of proceeding last 3 years

From the Department every year certain out turn of Major Forest Produces and Minor Forest Produces occurs and its values are as follows:

- **a. Major Forest Produce:**
An amount of Rs.2480.220 lakhs obtained from Major Forest Produces through Departmental Agency. The details are shown in Return No.5a.
- **b. Minor Forest Produce:**
An amount of Rs. 11326.321 lakhs obtained from Minor Forest Produces through Departmental and Contractor Agency through GCC. The details are shown in Return No.5b

6.2 – SUPPLIES TO BUROODS / INDUSTRIES

PULP AND PAPER INDUSTRIES:

Prior to 1975, there were two paper mills i.e., M/s. Sirpur Paper Mills (SPM) and M/s. Andhra Pradesh Paper Mills Limited (APPM) in the State. Bamboo was being supplied by the forest department under long-term agreement. These Paper mills have expanded their production from time to time even though they existed for a long time. They are located in Adilabad and East Godavari Districts respectively. During 1975 and 1979 two more paper mills have been established primarily depending on the forest department for the raw material supplies. These are:

1. M/s. Sree Rayalaseema Paper Mills Limited situated at Kurnool, in Kurnool District (SRPM).
2. M/s. Bhadrachalam Paper Boards Limited situated at Sarapaka, Khammam District (BPBL).

The details of various paper mills are given below:

a	Name	APPM	BPBL	SPM	SRPM
b	Location District	Rajahmundry, E.Godavari.	Sarapaka, Khammam	Kagaznagar, Adilabad	Gondiparla, Kurnool
c	Licensed Capacity (Tonnes) (TPA)	101447	81994	71100	42000
d	Year of Commencement of Production	1954	1975	1938	1979
e	Investment Rs. in Lakhs	4008	9027	2268	4615
f	Employment (Persons)	3729	1584	4300	1233

RAW MATERIAL REQUIREMENT:

The total production capacity of all the four paper mills is 296541 Turnover per Annum (TPA). The raw material requirement to all paper mills is estimated at 800 thousand MTs. The figure of raw material requirement has been based on the conversion rate of 2.80 MB of raw material for one MT Paper produced. M/s Sree Rayalaseema Paper Mills has been closed since 1989-90 lease year since it was treated as a sick unit.

The main forest raw material being used in paper industry is hard wood and bamboo. The production of bamboo in the State is not enough to meet the full requirement of the Paper industry. The total bamboo growing stock in the State is estimated to be about 34 Lakh Metric Tonnes. As against this growing stock the annual production of bamboo from the Forest of Andhra Pradesh is about 3.5 Lakhs MTs. This is further coming down due to flowering of much bamboo growing area. About 1.0 Lakh Metric Tonnes of bamboo is consumed by the paper and pulp industries and the balance of one Lakh Metric Tonnes goes to the domestic sector. In view of the shortage of bamboo raw material, the paper industries have started using short fiber of mixed and hard wood also by making necessary changes in the technology. The paper mills use 10 to 15% of their raw material requirement as bamboo and rest is from the hard wood pulp.

ROYALTY RATES:

The agreement provided for revision of royalty rates once in every five years and the royalty rates fell due for revision in 1980 at the first instance. The Government constituted an Expert Committee to advice on fixation of royalty both of bamboo and hard wood supplies to various wood based industries in the State i.e., including those other than paper industries also. The committee was required to consider various factors while recommending the Royalty rates, such as market prices, replacement costs, concession, if any to be given and sustainability of supplies, etc.

The Government have examined and accepted recommendations of the Committee. The rates are given below. Royalty rates for bamboo and hard wood supplies to paper mills.

Sl. No.	Year	Bamboo Rs. MT (With effect from 1-4-1980)	Hard Wood Rs. M.T (With effect from 1-10-1980)
1.	1980-81	210.00	100.00
2.	1981-82	233.00	111.00
3.	1982-83	258.00	123.00
4.	1983-84	287.00	137.00
5.	1984-85	318.00	152.00
6.	1985-86	352.00	218.67
7.	1986-87	391.80	241.00
8.	1987-88	434.89	269.27
9.	1988-89	482.72	298.77
10.	1989-90	536.71	231.63

The paper industries have protested and latest challenged the revision rates of supply of raw material in the Supreme Court in view of their cases lost in the High Court. The case is still pending for disposal. Meanwhile A.P. Forest Produce (Fixation of selling price) Act, 1989 was enacted. This Act Provides for fixing selling prices for supply of raw material from government resources to various wood based industries following certain prescribed procedure, as detailed below.

- a. The selling price for the bamboo raw material for supply to paper industries shall be fixed basing on the production costs, at the point of supply.
- b. The selling price for the miscellaneous mixed wood suitable particle boards, rayon grade pulp and paper pulp shall be fixed basing on the production costs, but not below the market value of the produce at the point of supply.
- c. The selling price for timber for supply to plywood industries shall be fixed basing on the market value, at the point of supply.

With the enforcement of Act from 1-10-1991 all the existing agreements for supply of raw material stood abrogated. The selling prices for bamboo raw material are given below:

1990-91	Rs. 596 / MT (excluding moisture lose 10%)
1991-92	Rs. 662 / MT (excluding moisture lose 10%)
1992-93	Rs. 735 / MT (excluding moisture lose 10%)
1993-94	Rs. 816 / MT (excluding moisture lose 10%)
1994-95	Rs. 1000 / MT (excluding moisture lose 10%)
1995-96	Rs. 1110 / MT (excluding moisture lose 10%)
1996-97	Rs. 1232 / MT (excluding moisture lose 10%)
1997-98	Rs. 1330 / MT (including moisture lose 10%)
1998-99	Rs. 1324 / MT (including moisture lose 10%)
1999-00	Rs. 1485 / MT (including moisture lose 10%)
2000-01	Rs. 1430 / MT (including moisture lose 10%)
2001-02	Rs. 1453 / MT (including moisture lose 10%)
2002-03	Rs. 1453 / MT (including moisture lose 10%)
2003-04	Rs. 1453 / MT (including moisture lose 10%)
2004-05	Rs. 1453 / MT (including moisture lose 10%)
2005-06	Rs. 1495 / MT (including moisture lose 10%)
2006-07	Rs. 1546 / MT (including moisture lose 10%)
2007-08	Rs. 1620 / MT (including moisture lose 10%)
2008-09	Rs. 1657 / MT (including moisture lose 10%)
2009-10	No Supply
2010-11	Rs. 1000 / MT (including moisture lose 10%)
2011-12	Rs. 1050 / MT (including moisture lose 10%)

No hard woods are proposed to be supplied to paper industries in view of shortage. Industrialists are however able to feed their industries using casuarina wood, largely obtained from east coast, where it has got a boost quantity on account of social forestry programme.

The quantities of bamboo raw material supplied to Paper Industries from 2007-08 to 2011-12 are given below:

Sl. No.	Name of the Paper Mill	No. of BIC's Supplied				
		2007-08	2008-09	2009-10	2010-11	2011-12
1.	A.P. Paper Mills, Rajy.	1667170	- Nil -	- Nil -	-	1292750
2.	Sirpur Paper Mills	402000			21625	1011000
3.	Bhadrachalam Paper Boards	2552600			-	295020

BASKETS AND MAT WEAVING INDUSTRY:

Small scale Industry where good quantities of bamboo is consumed is basket-weaving community called Burood or Medara. Over ages this community has been procuring bamboo and cane from the forest and seeking livelihood by making baskets, mats, tattas and other articles required in rural areas.

The State Forests are meeting the bonafide requirement of this Burood Co-operatives and register themselves with the concerned District Industries Centres. Each member is supplied with 2000 bamboo per annum, 50% is round form and the balance in split form. There are 487 registered societies with total membership of 8200 (approximately). Green Bamboo is supplied to these societies on subsidized rates, which is around 50% of the market rate. The Statement showing the number of Green Bamboo supplied to the Burood Co-operative Societies are given below from 2007-08 to 2011-12.

Sl.No.	Year	Bamboo supplied in Nos
1	2007-08	3477747
2	2008-09	3329682
3	2009-10	1638726
4	2010-11	1192411
5	2011-12	3208358

6.3 – COLLECTION OF BEEDILEAFS, TARGETS & ACHIEVEMENTS:

The Beedi leaf Trade was Nationalised in all the (10) Districts of Telangana Region with effect from 9-11-1970 through the Andhra Pradesh Minor Forest Produce (Regulation of Trade) ordinance which was subsequently replaced by the A.P.Minor Forest Produce Act, 1971 (Act 4 of 1971). In the year 1987, the Departmental collection of Beedi Leaf was taken up by eliminating the middlemen and the A.P.Forest Development Corporation Limited, Hyderabad was appointed as Agent to the Government which financed the Scheme with Margin Money provided by the Government and at the end of the financial year remits to the Government, all the net revenue after repayment of Bank Loans with interest and meeting the relevant components of expenditure as per the scheme. Thus from the year 1988-89 the Government accounts show only the net revenue realised by the Department as against the normal gross revenue figures shown till 1987-88.

The Departmental Collection of Beedi Leaf Scheme is basically a social welfare scheme as it is totally labour oriented. There are all in (352) beedi leaf units spread over all the (10) districts, comprising of (23) Divisions of Telangana Region under (5) Territorial Circles and the Field Director, Project Tiger, Srisailam. The Departmental collection of beedi leaf was continued upto 1996 season and local persons mainly from the tribals and other weaker sections were appointed as Khalladars to supervise the collection, curing, bagging and transportation of beedi leaf to godowns. Only good leaf fit for making at least one beedi was delivered to purchasers at godowns. Since 1997 the policy has been revised is collection of beedi leaf in Telangana Region where in the green leaf will be collected and handed over to the purchasers, on the day of collection. All operations like Pruning, Appointment of Khalladars, Curing, Handling and Transportation of leaf to godown will be taken up by the Purchasers only.

1. ADMINISTRATIVE SET UP:- The statement showing the posts sanctioned (category-wise) under the scheme is shown below.

Sl. No.	Category	No. of Persons
1	Gazetted Officers	70
2	Forest Range Officers	66
3	Deputy Range Officers	83
4	Forest Section Officers	226
5	Forest Beat Officers	683
6	Asst. Forest Beat Officers	148
7	Managers	304
8	Superintendent	
9	Draughtman Grade-I	
10	Senior Assistant	
11	Junior Assistant	
12	L.D. Stenos	
13	Typists	
14	T.O. (STC)	
Total:		1580

2. LEGISLATION ON BEEDI LEAF COLLECTION & TRADE:-

Before introduction of State Trading in Abnus Leaves in 1971, the right to collect abnus leaves was sold by public Auction on lumpsum contract. The private pattadars too, used to sell Beedi Leaf grown in their holdings to the private contractors usually on negotiated terms. When demand and commercial value of beedi leaf has increased, the private contractors with the help of influential pattadars and local villagers started pilfering and smuggling of beedi leaf from the Forests and Government lands which was leading to considerable loss of revenue to the Government. To arrest this trend, the matter was discussed by the Central Board of Forestry in 1953 which recommended legislative measures to control the trade of beedi leaf. Accordingly the A.P.Minor Forest Produce (Regulation of Trade) ordinance was promulgated in 1970 which was subsequently replaced by Andhra Pradesh Minor Forest Produce (Regulation of Trade) Act, 1971 (Act No.4 of 1971). The Provisions of which were brought into operation with effect from 09-11-1970 in the (10) Districts of Telangana Region of Andhra Pradesh, which are the main Abnus Leaf growing areas of the State, under the Act the possibility of growers smuggling the leaves

from the Government lands is eliminated and public trust is effectively secured. Besides payment of fair wages, its timely payment also ensured to the laborers who are mostly from the weaker sections of the society and tribals.

3. THE INCOME OF THE DEPARTMENT WITH DETAILS:-

During the 2011 season, departmental collection of beedi leaf was undertaken in (282) units, out of (352) beedi leaf units and (70) units remained unsold. The Circle-wise collection figures during 2011 Beedi Leaf season are furnished below. The target fixed for sold units is 4.034 Lakh S.Bs.:-

Sl. No.	Name of the Circle	No. of units worked	Beedi Leaves collection in SBs(**)
1	Khammam	56	123314.278
2	Warangal	106	89473.706
3	Adilabad	84	115840.542
4	Nizamabad	22	13752.440
5	Hyderabad	12	6348.620
6	FDPT Srisailam	2	542.850
	Total:	282	349272.436

(**) A Standard Bag consists of 1,000 bundles of 50 Beedi leaves each.

The details of revenue realized and expenditure incurred pertaining to the 2011 season based on the progressive reports received are furnished hereunder:-

- | | | |
|--|-----|--------------------------------|
| 1) Revenue realised | --- | Rs. 73.46 Crores |
| 2) Expenditure incurred | --- | Rs. 29.49 Crores |
| 3) Net revenue during the financial year 2011-12 | --- | Rs. 20.50 Crores (Anticipated) |
- (to be distributed to Beedi Leaf Collectors)

4. A BRIEF ACCOUNT OF BUDGET PROVIDED DURING 2011-12:

The A.P.Forest Development Corporation Limited, Hyderabad was appointed as an Agent to the Government for the purpose of purchase and trade in Beedi Leaf during 2011 Beedi Leaf Season vide G.O.Ms.No. 135, EFS&T (For.III) Dept., dt. 09-08-2011. The Advisory Committee was constituted by the Government vide G.O.Rt.No. 194, EFS&T (For.III) Dept., dt. 24.11.2010 for 2011 Beedi Leaf Season.

The A.P.Forest Development Corporation Limited has availed a loan for various works of 2011 Beedi Leaf Season from Consortium of Banks and cleared the loans together with interest. The scheme was sanctioned by the Government vide G.O.Ms.No. 122, EFS&T (For.III) Department, dated: 30-11-2011 with financial out lay of Rs. 43.47 Crores.

The cost of the establishment and other charges Rs. 51.480 Lakhs was met from the State Government Funds, under 2406 – Forestry & Wild Life, 01 – Forestry, 03 – District Offices (Non-Plan).

5. DETAILS OF THE SCHEME AND ITS IMPLEMENTATION DURING 2011 BEEDI LEAF SEASON:

During 2011 Beedi Leaf Season 349272.440 Standard Bags were collected from the total 282 units under the scheme. Out of that, 352 units were sold. The balance 70 units were remain unsold. The circle-wise figures of collection are furnished in Annexure-III. All operations like pruning of Abnus bushes and curing, bagging, transportation of abnus leaf to godown were done by the purchaser as per the tender notice conditions.

The Government vide G.O.Ms. No. 43, EFS&T (For.III) Dept., dt. 10-04-2006 issued orders for distribution of Net Revenue to the Beedi Leaves collectors in proportionate to the quantity of Beedi leaf collected by them as ascertained from the wage cards issued to individual Beedi Leaf Collectors and maintained by the Department from 2006 BL Season onwards. The money will be distributed to the BL collectors by the Forest Department in Gram Sabhas to be conducted in each village for this purpose.

6. INSURANCE:

The Group Personal Accident Policy was extended to the Departmental personnel engaged in Beedi Leaf Collection, through Group Personnel Accident Insurance Scheme for a sum of Rs.1.00 lakh per each individual for the year 2011-12 for (1580) subordinates and officers engaged in the Beedi Leaf collection and also insured the lives of 75,000 beedi leaf collectors by depositing an amount of Rs. 6.00 Lakh with the A.P. Forest Development Corporation Ltd., Hyderabad as revolving fund towards payment of insurance to the subordinates / officers and B.L. Collectors.

7. ANY OTHER SPECIAL FEATURES WORTH MENTIONING IN THE ADMINISTRATION REPORT:

The Scheme is a Social Welfare Scheme and a labour oriented one. While implementing the scheme, about 20.00 lakh man days work was generated during the peak summer period mostly by tribals and other weaker sections during 2011 Beedi Leaf Season. The scheme also helped unemployed, educated youth, tribals and other weaker sections in the villages who were appointed as khalladars.

Totally of Rs. 27.350 crores was spent as Beedi Leaf collection charges to the rural poorer at about (3216) collection centers (khallas) within a short span of about (2) months during April & May in the lean agricultural season.

During the 2011 season, (282) units were disposed in the forward trading and 349272.436 standard Bags of Beedi Leaf was collected fetching a Gross Revenue of Rs. 7346 lakhs.

6.4 – DWAJASTHAMBAMS SUPPLIED

As per the G.O.R.E.No.297, EFS & T (FOR-III) Departement Dt:27-06-2006 where in Government have issued orders to supply teak Dwajasthambams at nominal cost of Rs.5000/- and Yepi at a nominal cost of Rs.500/-. During 2011-12 (123) Dwajasthambams covered in 15 Districts, were supplied to Devasthanams of temples in the state.

Sl. No.	Name of the District	Number of Dwajasthamabams
1	Chittoor	1
2	Guntur	17
3	Hyderabad	4
4	Kadapa	1
5	Karimnagar	16
6	Khammam	8
7	Krishna	12
8	Medak	2
9	Nalgonda	8
10	Nellore	2
11	Nizamabad	4
12	Prakasham	20
13	Rangareddy	9
14	Warangal	7
15	West Godavari	12
Total		123

6.5 – GOVERNMENT SAW MILLS, TIMBER AND BAMBOO DEPOTS:

GOVERNMENT SAW MILLS:

There are two Government Saw Mills in the State, one is at Jannaram division of Adilabad Circle and other one is Rajahmundry division of Rajahmundry Circle. Due to administrative grounds the saw-mills at Jannaram wind up on 31-3-1997 and saw mill at Rajahmundry was also wind up on 31-3-1997, Vide G.O.Ms.No. 37, EFS&T (For II) Department, dated 11-4-1997.

For marketing the Major Forest Produce like timber, fuel and bamboo, there are various timber depots in the State. There are 42 Government Timber depots and 23 Government Bamboo depots existing during the year 2011-12. The details are given circle wise. Since there is a ban on green fellings, only the offence produce or dead and wind falling trees and thinning produce is marketed in the depots through log form at regular intervals given by the circles.

GOVERNMENT TIMBER & BAMBOO DEPOTS OF THE YEAR 2011-12

Sl. No.	Name of the Circle	Name of the Division	Govt. Timber Depot.	Govt. Bamboo Depot
1	2	3	4	5
1	Adilabad	1. Adilabad	1. Echoda	-
		2. Nirmal	2. Khnapur	-
		3. Jannaram	3. Jannaram	-
		4. Mancherial	4. Bheemaram	1. Devapur
		5. Bellampalli	-	2. Bellampalli
		6. Khagaznagar	5. Khagaznagar	3. Asifabad
2	Nizamabad	1. Nizamabad	1. Nizamabad	-
			2. Varni	
		2. Kamareddy	3. Gandhari	-
			4. Yellareddy	
			5. Thurumanpalli	
3	Hyderabad	1. Hyderabad	1. Saheb Nagar	-
4	Warangal	1. Warangal (N)	1. Eturunagaram	-
		2. Warangal (S)	2. Narasampet	1. Chintaguda
		3. Karimnagar (E)	3. Mahadevpur	
		4. Karimnagar (W)	4. Bhoopal padi	
5	Khammam	1. Khamman	1. Sathupalli	1. Julurpadu
		2. Kothagudem	2. Yellendu	-
		3. Paloncha	3. Paloncha	2. Kuknoor
		4. Bhadrachalam (S)	4. Rekhapally	-
		5. Bhadrachalam (LD)	5. Bhadrachalam	3. Mothugudem
			6. Chintoor	
6	Visakhapatnam	1. Visakhapatnam	-	1. Chodavaram
		2. Narsipatnam	1. Narsipatnam	-
			2. Golugonda	
			3. Sileru	
			4. Lothugedda Junction	
			5. Vedurunagram	
3. Vizianagaram	6. Phoolbagh	1. Saluru		
7	Rajahmundry	1. Rajahmundry (LD)	1. Rajahmundry	
			2. Addatheegela	
			3. Polavaram	
			4. Donkarai	
2. Jangareddygudem (LD)	5. Jangareddygudem	2. Jangareddygudem		
	3. Kakinada	-	-	
8	Guntur	1. Giddalur (LD)	1. Diguva Metta	1. Papinenipalli
9	Kurnool	1. Nandyal (LD)	1. Gajulapalli	1. Gajulapalli
			2. Rudravaram	2. Rudravaram
			2. Proddutur (WLM)	-
3. Kadapa	3. Kadapa (R.S)	-		
10	FDPT Srisailem	1. Atchampeta	1. Atchampeta	1. Kollapur
			2. Kollapur	-
		2. Atmakur	3. Bairlutu	2. Bairlutu
			4. Velgode	3. Velgode
			3. Markapur	5. Dornal

6.6 – PRIVATE SAW MILLS, TIMBER & BAMBOO DEPOTS:

There are 4703 Private Saw Mills and 1857 Private Timber Depots are existing during the year 2011-12.

NUMBER OF PRIVATE SAW MILLS AND TIMBER DEPOTS AS ON MARCH 2012

Sl. No.	Name of the Circle	Name of the Division	No of Private Saw Mills	No of Private Timber Depots
1	2	3	4	5
1	Adilabad	1. Adilabad	8	14
		2. Bellampally	3	1
		3. Kaghaznagar	7	0
		4. Mancherial	12	5
		5. Nirmal	27	7
		6. Jannaram	2	0
Total			59	27
2	Nizamabad	1. Nizamabad	116	0
		2. Kamareddy	53	0
		3. Medak	236	0
Total			405	0
3	Hyderabad	1. Hyderabad	873	529
		2. Mahabubnagar	253	8
		3. Nalgonda	279	8
Total			1405	545
4	Warangal	1. Warangal (N)	191	30
		2. Warangal (S)	39	17
		3. Karimnagar (E)	33	5
		4. Karimnagar (W)	231	8
Total			494	60
5	Khammam	1. Khammam	120	6
		2. Kothagudem	13	10
		3. Poloncha	1	0
		4. Bhadrachalam (N)	2	0
		5. Bhadrachalam (S)	0	0
Total			136	16
6	Visakhapatnam	1. Vishakapatnam	210	45
		2. Narsipatnam	14	2
		3. Srikakulam	86	36
		4. Vijayanagaram	107	13
Total			417	96
7	Rajahmundry	1. Eulur	234	91
		2. Kakinada	279	324
		3. Vijayawada (Krishna)	308	103
Total			821	518
8	Guntur	1. Giddalur	94	19
		3. Guntur	230	281
		4. Nellore	141	51
Total			465	351
9	Kurnool	1. Kurnool	76	36
		2. Kadapa	27	0
		3. Nandyal (WLM)	16	19
		4. Proddutur (WLM)	50	7
Total			169	62

SI. No.	Name of the Circle	Name of the Division	No of Private Saw Mills	No of Private Timber Depots
1	2	3	4	5
10	Ananthapur	1. Ananthapur	117	27
		2. Chittoor (West)	61	29
Total			178	56
11	WLM Tirupati	1. Chittoor (East) WLM	45	5
		2. Rajampet WLM	14	7
		3. Tirupati WLM	21	57
Total			80	69
12	FDPT Srisailam	1. Athmaur	13	34
		2. Achampeta	24	6
		3. Markapur	26	17
		4. Nagarjuna Sagar	11	0
Total			74	57
Grand Total			4703	1857

PRIVATE BAMBOO DEPOTS: There are no private Bamboo depots in the state.

CHAPTER – VII

FINANCIAL RESULTS

7.1 – REVENUE:

The Revenue realized by the Andhra Pradesh Forest department from different sources during the financial year 2011-12 is Rs. 14885.640 Lakhs against the Revenue of Rs.12873.900 lakhs realized during the year 2010-11. The main sources of Forest Revenue were Sale of Timber, Bamboo and Non Timber Forest Produce.

The revenue received from different sources for the years 2009-10 to 2011-12

(Rs. In Lakhs)

Sl. No.	Major Heads	2009-10		2010-11		2011-12	
		Revenue	Percen - tage	Revenue	Percen -tage	Revenue	Percen -tage
MH-101-Sale of Timber & Other Forest Produce							
1	(01) – Sale of Timber	3612.397	34.94	3157.470	24.53	2431.48	16.33
2	(02) – Sale of Bamboo	1563.777	15.13	1423.950	11.06	1887.47	12.68
3	(03) – Sale of Firewood & Charcoal	89.746	0.87	29.170	0.23	48.74	0.33
4	(04) – Sale of Other Forest Produce	13.218	0.13	55.920	0.43	12.38	0.08
5	(05) – Receipts form B.L.	25.674	0.25	13.770	0.11	31.52	0.21
6	(06) – Receipts from teak plants	1787.923	17.30	1501.570	11.66	2191.55	14.73
7	(07) – Receipts from Cashew plants	25.337	0.25	13.540	0.10	42.29	0.28
8	(08) – Receipts from other plants	55.708	0.54	67.070	0.52	157.68	1.06
9	(09) – Receipts from Red Sanders	94.149	0.91	42.090	0.33	13.92	0.09
10	(10) – Receipts from thinning Operations	225.921	2.19	0	0	0	0
MH 800 – Other Receipts:							
11	(01) – Leave Salary Contribution	0.372	0	0.010	0	0	0
12	(02) – Fine and Forfeitures	38.478	0.37	23.100	0.18	21.15	0.14
13	(03) – Rents from Buildings	12.539	0.12	6.980	0.05	7.82	0.05
14	(04) – Compounding fee	2023.520	19.57	2105.470	16.35	2130.91	14.32
15	(05)–Receipts from charitable Inst	0.425	0	0	0	0.01	0
16	(06) –Legal Charges collected from APFDC	0	0	0	0	0	0
17	(77) – User charges	101.215	0.98	114.240	0.89	106.59	0.72
18	(80) – Sale of Waste paper	46.474	0.45	0.680	0.01	18.25	0.12
19	(81) – Other Receipts	620.622	6.00	4318.870	33.55	5783.88	38.86
	Grand Total:	10337.495	100.00	12873.900	100.00	14885.640	100.000

The Revenue was increased by Rs.2011.740 lakhs during the year 2011-12 as compared to 2010-11. Mainly due to increase of Sale of Bamboo, Sale of Firewood & Charcoal, receipts from Teak plants and Thinning Operations, collection Compound fee and user charges etc.

7.2 – EXPENDITURE:

Plan and Non-Plan Scheme wise Expenditure for the years 2009-10 to 2011-12.

(a) Plan Expenditure:

(Rs. In Lakhs)

Sl. No	Name of the Scheme	2009-10		2010-11		2011-12	
		Expenditure	Percentage	Expenditure	Percentage	Expenditure	Percentage
1	Externally Aided Projects	2461.338	43.10	0	0	0	0
2	Central Sector Schemes	1297.247	22.72	2306.536	52.52	4058.076	57.15
3	Central Sponsored Schemes	747.472	13.09	530.266	12.07	909.768	12.81
4	Normal State Plan	477.238	8.36	1374.106	31.29	2133.062	30.04
5	RIDF	726.980	12.73	180.900	4.12	0	0
Total:		5710.275	100.00	4391.808	100.00	7100.906	100.00

(b) Non-Plan Expenditure:

(Rs. In Lakhs)

Sl. No	Name of the Scheme	2009-10		2010-11		2011-12	
		Expenditure	Percentage	Expenditure	Percentage	Expenditure	Percentage
1	Head Quarters	1793.664	8.82	1509.960	6.47	1583.538	6.09
2	District Officers	16479.161	81.03	19280.211	82.62	21613.627	83.09
3	APSOF Yellendu	78.142	0.38	89.150	0.38	115.933	0.45
4	Sanctuaries	1490.487	7.33	1777.487	7.62	1933.555	7.43
5	Nehru Zoological Parks	159.321	0.78	154.221	0.66	171.085	0.66
6	Other Zoological Parks	75.603	0.37	192.208	0.82	193.494	0.74
7	Buildings	87.832	0.44	53.396	0.23	73.882	0.28
8	Afforestation etc, in Muchkund Basin (RVP)	170.198	0.84	212.055	0.91	216.568	0.83
9	Training	2.152	0.01	1.233	0.01	4.954	0.02
10	A.P. Science	0	0	66.200	0.28	107.010	0.41
Total:		20336.560	100.00	23336.121	100.00	26013.646	100.00

7.3 – REVENUE AND EXPENDITURE:

COMPARISON STATEMENT OF REVENUE AND EXPENDITURE AND NET REVENUE FOR THE YEAR 2009-10 TO 2011-12

(Rs. In Lakhs)

Sl. No.	Year	Revenue	Expenditure			Net Revenue Surplus / Deficit
			Plan	Non-Plan	Total	
1	2009-10	10337.495	5710.275	20336.560	26046.835	-15709.340
2	2010-11	12873.900	4391.808	23336.121	27727.929	-14854.029
3	2011-12	14885.640	7100.906	26013.646	33114.552	-18228.912

An amount of Rs.5386.623 lakhs additionally incurred expenditure and Rs.3374.883 lakhs Net Revenue was increased when compared to the previous year.

CHAPTER – VIII

ADMINISTRATION

8.1 – ORGANISATIONAL SET UP:

The Prl. Chief Conservator of Forests is the Executive Head of the Forest Department. The Prl. Chief Conservator of Forests (WL) & Chief Wildlife Warden is the Head of Department in all the Wildlife matters. Spl.Prl. Chief Conservator of Forests (4), Addl.Prl.Chief Conservators of Forests (36), Chief Conservators of Forests (39), Conservators of Forests (23) and other staff also assist at the Head Office level.

The Chief Conservator of Forests (CCF's) or Conservator of Forests (CF's) as the case may be are in the administrative charge of forest circles or special circles and are responsible within their respective areas for the general direction and supervision of all forest works, control of establishment, expenditure, sales and supplies and general management of forests.

The Conservator of Forests Wildlife management is responsible for implementing the programmes of Wildlife conservation sponsored by the State or Central Government and deals with the National parks, Wildlife Sanctuaries, Zoo's etc.

The Director, Andhra Pradesh Forest Academy Dulapally plans for giving trainings to in service staff of different Cadres of Forest Officers in the State.

The Divisional Forest Officers (DFO's) are responsible for the General Management and protection of forests situated in their Division. He administers the Division under his charge, supervises the execution of all forest works and exercises direct control over the forest establishment. He is assisted by the Sub-Divisional Forest Officers.

The Prl. Chief Conservator of Forests is also assisted by a Chief Accounts Officer and Accounts Officer, Gazetted Assistant (Technical) and Gazetted Assistant (Non-Technical).

At the field level, the State Forest area is divided into Circles, Divisions, Forest Ranges, Forest Sections and Forest Beats, manned by Chief Conservator of Forests, Conservators of Forests, Divisional Forest Officers, Forest Range Officers, Forest Section Officers and Forest Beat Officers / Asst.Forest Beat Officers respectively. The total strength of the staff of Forest Department is 9946. Comprising 6813 Executive and 3133 Non-Executive staff including Officers.

The total strength of the staff of Forest Department is as follows as on 31-03-2011.

Sl.No.	Designation	No. of Posts
1	Principal Chief-conservator of Forests	2
2	Spl. Prl. Chief Conservator of Forests	4
3	Addl. Principal Chief Conservator of Forests	36
4	Chief Conservator of Forests	39
5	Conservator of Forests	23
6	Deputy Conservator of Forests (IFS Cadre)	42
7	Dy. Conservator of Forests (State Cadre)	5
8	Asst. Conservators of Forests	173
9	Non-Executive Officers (CAO / AO / GA Non-Tech)	21
10	Forest Range Officers	426
11	Deputy Range Officers	391
12	Forest Section Officers	1298
13	Forest Beat Officers	2916
14	Asst. Beat Officers	1458
15	Jhandor	47
16	Manager / Superintendent / Sr. Assistant / Jr. Assistant / Typist / Tech Officers	1457
17	Class IV (Attenders / Drivers)	938
18	Other Category	593

8.2 – ANDHRA PRADESH FOREST ACADEMY, DULAPALLY:

The A.P. Forest Academy is located on Dulapally- Bahadurpally Road at a distance of (24) kms from Hyderabad covering to an extent of (86.00) Hectares with nice landscapes. The Academy attracts many people who visit the area to enjoy its beautiful environment. Due to availability of good biodiversity, many people including bird watchers frequent the area. A number of feature films and television films/documentaries have been shot in the Academy. The motto of the Academy is “We don’t train people we transform them”.

FACILITIES:

The Academy is having all types of infrastructures with latest equipments. The Administration Block is the main hub to all activities taken up in the Academy. An Hostel Building with (32) rooms –twin beds) and a Old Hostel, Dormitory and Residential Quarters to Deputy Directors, Forest Range Officers and Office Sub-ordinates with play grounds for indoor with (300) seating capacity covering also of Shuttle badminton court and outdoor games, Gym Room and an executive hostel (twin sharing) with (40) rooms and (2) Hi-tech Modern Conference Halls for conducting National & International Works/Seminars.

The Academy is having Modern Class Room facilities for effective management of Trainings and a Computer Lab with (40) thin clients on LAN. Two more facilities are being added in the shape of one (64) Room (twin sharing) FRO Hostel and Training Centre would be completed during 2012-13.

HUMAN RESOURCES:

The Academy is headed by Director (Cadre of Addl. PCCF) and Addl. Director (Cadre of Conservator of Forests-) along with (10) Dy. Directors (Cadre-of Dy. Conservator of Forests), (8) Asst. Conservator of Forests (4) Forest Range Officers and (1) Dy. Range Officer. Apart from this faculty, senior officers of Forest Department, subject experts on various sources are invited from time to time as resource persons for regular and refresher trainings.

The Administrative Block functioned with all categories of Ministerial Staff as per the sanctioned strength apart from subject experts on various sources are invited from time to time as resource persons for regular and refresher trainings.

ACTIVITIES TAKEN UP BY THE ACADEMY:

The A.P. Forest Academy, Dulapally is actively involved in diverse activities such as trainings, workshops/seminars, study tours and extension activities with an objective to build capacities of Forest officials of different Ranks and other stakeholders. The trainings were conducted as per the schedules & modules.

During the Year 2011-12 Off Campus trainings have been organized by the Academy at Circle and Division level to cover large number of frontline staff.

INDUCTION TRAINING PROGRAMMES ORGANIZED IN 2011-12:

1. Forest Beat Officers:

- ❖ A Training programme organized to Forest Beat Officers (FBOs) Induction Training for (6) Months with (60) participants and a study tour on professional interest in A.P. also taken up for (15) days.
- ❖ Another programme was also organized to Forest Section Officers (FSOs for a period of (12) months and (60) Trainees were attended.

2. Forest Section Officers:

A Training Programme was organized to (66) Participants and (67) Trainees respectively in two different spells to Forest Section Officers for a period of (12) months each and also study tour for (15) days completed.

3. Forest Range Officers:

The Forest Range Officers induction training for a period of (18) months was organized to (34) trainees covering with (5) States. Sri M. Samuel, IAS, Spl. Chief Secretary to Government, EFS&T, Govt. of A.P., was the Chief Guest.

Further, another training programme with (40) Trainees was also conducted by covering (4) States.

UNDER CAMPA:

The Academy main objective is transforming the participants by conducting training programmes with an innovative approach on various aspects on Forest Management, Community Development, Personality & Skills improvement.

A broad study on the feedback of the participants of the previous years and on advice of the experts in different fields, training calendars and modules were designed for every month. The A.P. Forest Academy conducted (56) trainings by covering (1163) participants during year 2011-12 under CAMPA. All these innovative methods help in practices.

- ❖ (4) Training Programmes organized with (55) participants conducted on **“Sampling Techniques in Evaluation of Plantations”** by covering Statistical Analysis in Forestry & Vegetation Monitoring Techniques and Forest Inventory Methodologies are the topics.
- ❖ With **(144)** participants, **(8)** Training Programmes were organized on **”Silviculture Techniques & Treatment Practices”** with topics of collection of Seeds & Technology, Raising high Value Seedlings and etc.,
- ❖ (5) Programmes covering with (110) participants issued training on **“Modern Nursery Techniques & Plantation Management”** with raising & maintenance of nurseries & plantations with latest techniques as the topics.
- ❖ By covering (111) participants (6) Training Programmes were organized on **“Livelihood Strategies in Forest Fringe Villages”** with preparation of livelihood development plan & business development plans, NTFP collection & marketing for livelihood preparations etc are the topics.
- ❖ (10) Training programmes with (208) participants organized on **“Strategies for effective Forest production”** and Forest Acts, Filing of Charge Sheets in the Hon’ble Courts & Process to be followed in Trial, application of P.D. Acts, Regulation of Saw-mills, Formal & Informal networking & Vegetation techniques, Wild life protect Acts etc. are some of the topics covered in the programme.
- ❖ With **(61)** participants two training programmes were organized on **“Bio-Diversity conservation & Wildlife Management “** and conservation & human responsibilities, wildlife diseases & controlling measures, Management of National Parks & Sanctuaries, Identification of Birds in A.P., Wild Life Protect Act etc., are covered as topics. As a result of these training programs, the first ever case under the Bio-diversity Act was booked by I/c FRO in Proddutur Division against a Red Sanders Smuggler. A Bail was granted with a surety of Rs.40.00 Lakhs.
- ❖ **Four** Trainings on **“Principles of Sustainable Forest Management”** were organized with (72) participants and Sustainable Forest management-Historical perspective, Raising of Plantation, Role of Social Forestry in Forest Management, Watershed Approaches, Film show etc. are the topics covered.
- ❖ **Four** Training Programmes on **“Enhancing Conviction rate in Court Cases”** were organized with (84) participants. Creating awareness on Biodiversity Act, Wildlife (protection) Act, 1972, A.P. Forest Act and Rules there under, PD Act, Exposure to practical experience and case studies. Hands on preparation of Case records-ABC forms, Prosecution and etc are the topics covered.

- ❖ **(4)** Training Programmes with (55) participants organized on “**GIS/GPS**” by covering Fundamental GPS, GIS, RS, exposure to various operations/options in the GPS, Collection of Data, Application of Geomatics, Vegetation mapping with ground truth, Surveying techniques, Area Calculations, Transfer of GPS Data into Computer & making Maps etc, are the topics.
- ❖ **(6) Refresher Training Course on** Three Weeks duration with (214) ABOs organized under CAMPA Scheme. A Course scheduled with (10) modules (50) Lecture Sessions & (20) Practical Sessions) with PT & Games was designed.
- ❖ **Orientation Course to newly promoted ACFs:** With a view to sensitize the FROs who got promoted as ACFs, a (3) day training programme on “**Orientation Course to newly promoted ACFs**” was conducted for the first time which benefited (22) ACFs. Duties & Responsibilities of Sub-DFOs, implementation of Bio-diversity Act, Vigilance & Enforcement Role in execution of Forest works and verification, investigation techniques, Book poaching cases, NREGS-procedures, RoFR Act-Role of Sub-DFOs/ACFs in implementation of RoFR Act, Personality Development etc., are the topics covered in the training.

In the above all training programmes field inspections and practical sessions were also organized.

WORK SHOPS/SEMINARS UNDER CAMPA:

During the year **2011-12**, under the **CAMPA** Scheme **(7)** Workshops/Seminars conducted and **(489)** participants were attended. The details of works/seminars are as follows:

- ❖ **Bio-Diversity Act:**

One day workshop organized on “**Bio-Diversity Act**” was organized with (34) participants and the Bio-Diversity Act and its implementations, Documentations of the Traditional knowledge, Eastern Ghat Heritage project, Bio-Piracy of Plant Recourse and Biological prospecting of Animal resources are the topics covered.

- ❖ **Assessment of Trees outside Forests:**

One day workshop on Assessment of “**Trees outside Forests**” was organized with (16) participants. Introduction and over view of TOF inventory, TOF classes and their delineations are the topics covered.

- ❖ **Awareness on Bio-Diversity Conservation for Forest Officers:**

One day workshop on “**Enhancing Awareness on Biodiversity Conservation**” was organized with (172) participants. Introduction Forest Genetic Resource Conservation Strategies, Focus on Lesser Known Species, Bio-diversity Conservation Act and its implementation, formation of BMS etc are the topics covered.

- ❖ **Workshop on Research & Development:**

Two Days workshop on “**Research & Development**” was organized with (24) participants. The Strategies on various going research projects and how to improve them further is the topic covered.

❖ **Workshop on Improving the Quality of Natural Forest through Silvicultural Operations:**

A day workshop on Improving the Quality of Natural Forest through Silvicultural Operations” was organized at Aranya Bhavan and (48) participants attended.

❖ **Workshop on Action Planning:**

One day work on “Action Planning” was organized with (120) participants from all over the state. The main objective was to review the progress of implementation of various forestry works for the past (6) months and plan for the next (6) months.

❖ **Workshop on Construction of Protection Wall and Residential Quarters for the Officers of the Forest Department:**

A one day work on Construction of Protection wall and Residential Quarters of the Forest Department” was organized. Totally (75) participants attended the programme. The Resource persons explained about the Mandatory Tests, Testing of Building Materials, Basics for Concrete Materials, Rebound Hammer Test, SSR and Estimates, Data, Specifications and Agreements are the topics covered.

13th FINANCE COMMISSION (OFF CAMPUS):

The major objective of the Training & Capacity building activities undertaken by Forest Department is to ensure successful adoption of new concepts by the field staff.

Several off campus Trainings were conducted on Strategies for effective forest protection, enhancing conviction rate in court cases in forest offences, use of modern technology and tools in forest management, livelihood enhancement, Wild-life management and strengthening the VSS/EDCs. The Academy has organized (20) Training Programmes covering (1264) participants during 2011-12.

➤ **Training for increasing conviction rate in Forest Offences:**

Under 13th Finance Commission (9) Trainings organized on “Increasing conviction rate in Forest Offences” during the 2011-12 by covering (426) participants. The Resource persons were mostly Judges, Public Prosecutors and Eminent Lawyers by covering the topics are Systematic Case Investigation-interrogation of Forest Offences-exploring forward and back ward linkages, Prosecution-certain guidelines on trial-attendance-follow up action –production of witness-Arrest form, Remand Report, Wildlife Offences and applications Sections, procedure to be followed before arrest and after arrest, search, confession statement, custody etc.

➤ **Wildlife Case Investigation procedures:**

One training programme on **Wildlife Case Investigation Procedures** at Atmakur WLM was organized with (60) participants. Wildlife cases-Types of offences-Preventive measures from poaching-Development information network, WL Protection Act 1972 are the topics covered.

- Two Training Programmes on “**Bio-Diversity Act-Implementation of Forest Offences**” was organized with (231) participants. Bio-diversity Act and its provisions in Forest Offences, Provisions of CRPC and etc are some of the topics covered.
- **Sustaining people’s interest in Forest Management of VSS in Rajahmundry Circle:**
A training programme was organized with (48) participants. Livelihood-various means of NTFP, Strengthening of VSS, Types of Works etc are the topics covered.
- **Personality Development:**
Four Trainings on “Personality Development was organized with (185) participants. Personality Development-Transformations in the existing scenario, Time Management, Motivation, Art of Mind Control & Meditation, Communication Skills are some of the topics covered.
- **Teak-Collection of Seed, Preparation of Stump:**
One day training programme was organized with (136) participants. Morphology of Teak and Seed Collection and storage, Nursery Techniques in Teak & preparation of Stump and Planting Techniques and maintenance of coppice growth in Teak are the topics covered.
- **Construction of Civil Works:**
One day orientation programme was organized with (158) participants in Ananthapur & Tirupathi. Preparation of Estimation-Lead Statement-Data Sheets-Market Rates-Detailed Estimate-Case studies, Tenders-Sealed Cover/e.procurement-calling tenders-scrutiny-Disqualifying-Discount Tenders-Acceptance & Scrutiny-Deductions like Cess, VAT, IT etc., Remittance in Departments-Registers and M. Books, Recording Check measurement overall office correspondence are the topics covered.

(ON CAMPUS) TRAINING PROGRAMMES UNDER 13TH FINANCE COMMISSION:

The “**Personality Development at APFA**”- A programme was organized together a total of (20) participants and covered Personality Development-Harmony in self, in Society, in Nature, Stress management-practical techniques, assertive communication at work place, positive energy as a tool to over come pessimism and effective communication of skills and attitude to work & etc., covered as topics.

WORKSHOPS/SEMINARS UNDER 13TH FINANCE COMMISSION:

During 2011-12, Two Workshops/Seminars conducted under 13th FC with (135) participants.

❖ Forest Conservation Act 1980:

One day workshop was organized with (70) participants from all stake holding departments. Overview of Forest Conservation Act 1980, Proposals preparation under FCA, Discussion on specific issues on LWE Districts and interaction, clarifications of doubts etc are the topics.

❖ Bio-Diversity and Livelihoods:

Two Day workshop was organized with (65) participants. Insectivorous Plants, Diversity based Livelihoods, Butterfly Conservation initiatives, Scientific Validation of Traditional Knowledge, Role in integrated pest management and Medicinal Plants based livelihoods and International University network for cultural and biological diversity are some of the topics covered.

GOVERNMENT OF INDIA TRAININGS DURING 2011-12

1. **Two weeks Refresher Course** : (5) Trainings with (120) participants was organized mainly on Frontline Staff Forest Department by covering the topics of Biodiversity Conservation, NTFP Survey, Valuation of Eco System Services, Attitude of Work, Introduction of Forest Act & sections in Laws, Procedure for seizure, confiscation of Vehicles in Forest Offences-Timber Transit Rules, A.P. Saw Mill Rules, RoFR Act & its implementation, Vegetative propagation, Bio Fertilizers & Bio-pesticides and Modern Nursery techniques, implementation of MGNREGS, Computer Applications, GIS/GPS Survey, Practical Data downloading and Map generation, Census techniques & habit management practices etc.,
2. **Training on Micro Credit & Macro enterprises Management in Forestry for IFS Officers**: One week training programme was organized and (23) IFS Officers from different States across the country attended. Micro credit in India, Forest based livelihoods-Role of NABARD, A Saint in the Board Room-Lessons for Micro Enterprise Management in Forestry Sector, Social Capital & Sustainability through Self-Help Groups, Community Investment Fund Role of SERP in NTFP Marketing, Micro Finance Regulation in Andhra Pradesh are the topics covered.

OTHER ACTIVITIES:

1. Children And Forest Education (CAFE):

To sensitize the school children and people about forest conservation, wildlife preservation and protection of environment, the Academy organizes three types of sensitization programmes under CAFE.

- a) **Nature study** camps: A Nature study camps are organized in the natural forest of the Academy by organizing (76) programmes with (3954) participants getting sensitized. The School children and teachers are taken on a nature trial, explained regarding identification of trees and their importance for clean environment. Rock climbing is also included as part of the camp activity. Message oriented films on Bio-diversity, Wild life conservation and importance of Medicinal plants, etc are shown to the children.
- b) **Eco-sensitization meets**: to sensitize the students about forest conservation, wildlife preservation and protection of environment, eco-sensitization meets are organized at various schools (mostly Government Schools) in twin cities and explained on various forestry, wildlife and environmental aspects. Total No. of Programmes conducted is (49) with (10740) Participants.
- c) **Back to Nature – Road Shows**: Mobile exhibitions are organized as part of the road shows conducted in various public parks of twin cities. Total No. of Programmes conducted is (52) and Total No. of Participants (5025).

- d) In addition to the regular training programmes under different schemes, certain Special Programmes is also held on the eve of “Earth Day”, “World Environment Day” Clean and Green programmes, Identification of Plants.

Total No. of Programmes conducted (**6**) and Total No. of Participants is **923**.

2. COLLABORATION PROGRAMMES UNDER CEFNARM:

The Centre for Forest and Natural Resource Management Studies (CEFNARM) is a Registered Society for which, the Addl. Prl. Chief Conservator of Forests/Director Andhra Pradesh Forest Academy is also the Ex-officio Secretary. Following are some of the activities taken during 2011-12.

- One day workshop on Drafting New Guidelines for JFM and Sustainable Management of Medicinal Plants in Collaboration with IIFM Bhopal, UNDP-GEE Project.
- Earth Day_Celebrations in APFA with APPCB, HERBALIFE, Coco Cola, Green Plant Vision, ITC Limited, Earth Day Network, CEFNARM, WWF, APEC.
- One Day Workshop for the Jr. Civil Judges of A.P. Judicial Academy on Forest Laws and Issues.
- (2) Days Intensive Training Programme on MG Vana Nurseries to RD under NREGS.
- FDA Evaluation Projects: Completed Mid Term Evaluation of (10) FDA projects.
- One Day workshop on “Interactive meet with Wood Sector of A.P.” Collaboration Institute Wood Science & Technology (IWST) Bangalore.
- Conducted CAFÉ programme for Natural Conservation programme with HSBC Staff. HSBC contributed Rs.1.24 Lakhs for this project.
- Organized 19th National Sports-State Level Sports Meet under 13th FC Funds.
- Organized workshop on FDA Schemes for field Staff.
- Facilitated the South India Tour of Trainees of the SFS from CASFOS Dehradun, FRO Trainees from Balaghat, Kurseong, Haldwani & Coimbatore.
- Organized One week Exposure visit to A.P. by Assam Forest Department Staff & FPC members in batches by totally of (155) participants.

3. Intensive Training Programme on MGNREGS Nurseries Techniques to RD with Emphasis on TEAK:

A two day workshop with (22) participants was held for Rural Development Staff to teach about Nursery Techniques. Selection of Nursery sites for establishment of MGNREGS Vana Nursery. Infrastructure facilities required for establishment of temporary nursery, Compost and Vermi-compost preparation, Sowing and dibbing of Seeds are some of the topics covered.

A (10) day Refresher Training Programmes for Plantation Managers & Supervisors of Rural Development Department with (92) participants and successfully trained

4. (3) months “Intensive Capsule Course” for Dy. Plantation Managers of 3rd Batch with (15) participants who are DPMs in APFDC was conducted. The Capsule course consisted of Forestry Survey, Forest Menstruations, Forest Botany & Silviculture, Office procedure & Accounts, Forest Law & Protection, Forest Engineering, Computers & Allied Subjects, Forest Utilization and Logging & Extension Education are the topics covered.

5. Seminar Projects Prepared by FSO & FBO Trainees:

Under guidance of Faculty Members the Trainees prepared and presented Project Reports on (12) Different Topics.

OTHER EVENTS:

Foundation Stone was laid for Training Centre Building by Sri C. Madhukar Raj, IFS, PCCF (HoFF), A.P., Hyderabad. Two Deputy Directors Residential Quarters which were recently constructed were opened for occupation.

TRAININGS CONDUCTED AT A.P. FOREST ACADAMY, DULAPALLY

Sl. No	Category	2009-10	2010-11	2011-12	
1.	No of Trainings	96	71	92	
2.	V.S.S.	(No. of Participants Attended)			
	C.P.s	Male	78	9	0
		Female	0		
	Members	Male	18		
		Female	0		
3.	NGOs / CEWs	Male	41		
		Female	0		
4.	Officers & Executive Staff	C.F.s	36	86	79
		D.F.O.s	66	52	63
		D.C.F.s	3	16	54
		A.C.F.s	48	113	136
		F.R.O.s	41	150	195
		D.R.O.s	83	95	288
		F.S.O.s	230	579	753
		F.B.O.s	481	585	941
		A.B.O.s	213	262	448
5.	Ministerial Staff	Mgr/AO	0	0	2
		Suptds.	7	0	11
		TO/TAs	34	0	21
		Sr.Assts.	38	10	20
		Jr.Assts.	34	19	7
		Typists/ Steno	12	42	1
6.	Others	66	48	169	
Total:		1529	2096	3188	

*Source: APFA Dulapally

8.3 – ANDHRA PRADESH FOREST DEVELOPMENT CORPORATION LTD, HYDERABAD

Genesis:

- ❖ The Andhra Pradesh Forest Development Corporation was established on 16th June 1975.
- ❖ Established on the recommendations of National Commission on Agriculture to raise Massive Plantations by availing institutional finance to cater the needs of wood based industries.

Organisation:

- ❖ Governed by the Board of Directors headed by the Chairman who is appointed by the Government.
- ❖ The Vice Chairman & Managing Director (in the Rank of Prl. Chief Conservator of Forests) is the Chief Executive, assisted by the Chief General Manager (in the rank of Addl. Prl. Chief Conservator of Forests) at Head Office.
- ❖ There are (5) Regional Managers, in the rank of Conservator of Forests. The Vice Chairman & Managing Director, Chief General Manager and the Regional Managers are working on deputation from the Forest Department.
- ❖ The remaining Executive and Ministerial Staffs are Corporation employees recruited from time to time.
- ❖ The present strength of the Corporation is (617) Nos. as against (681) employees fixed by the Government based on the recommendations of M/s Ferguson Committee and approved by Group of Ministers with reference to the present level of regeneration works and maintenance.

Objectives:

- ❖ To raise large scale plantations to meet the demands of forest based industries with species such as Eucalyptus, Bamboo, Coffee, Cashew etc.
- ❖ To generate gainful employment to the landless poor, particularly in remote and agency areas.
- ❖ To undertake consultancy services to the industries to raise and maintain plantations in their vicinity.

Physical Achievements upto 31st March 2012

Sl. No	Species	Area in Ha.
1	Eucalyptus (Seed Origin)	12734.20
2	Eucalyptus (Clonal)	44354.29
3	Bamboo	10559.47
4	Cashew	8950.86
5	Coffee	4010.00
6	Teak	929.32
7	Medicinal Plants	524.80
8	Casuarina, Pines and other Miscellaneous species	317.78
Total		82380.72

Raising of Plantations from 2007-08 to 2011-12

Sl. No	Species	Area Planted in Ha				
		2007-08	2008-09	2009-10	2010-11	2011-12
1	Eucalyptus	4913.0	5965.35	5805.97	3167.30	4137.80
2	Bamboo	110.00	432.63	514.45	459.04	152.25
3	Cashew – Gap Planting	100.00	101.55	65.00	98.00	0
4	Coffee – Enrichment Planting	73.00	149.00	101.00	0	41.37
5	Teak	0	0	0	0	0
6	Others	0	0	0	0	0
Total		5196.00	6648.53	6486.42	3724.34	4331.42

Productivity of Various Plantations for the years 2007-08 to 2011-12

Sl. No	Species	2007-08	2008-09	2009-10	2010-11	2011-12
1	Eucalyptus-Pulpwood (MT)	110000	65000	85000	185000	214413
2	Bamboo-industrial cuts (MT)	5000	3000	4000	5500	2119
3	Bamboo- Long Bamboo (Nos)	2350000	2675000	2950000	3250000	3279000
4	Cashew (MT)	380.00	400.00	430.00	300.00	400.00
5	Coffee (MT)	689.00	1054.00	667.00	901.00	452.86
6	Pepper (MT)	54.76	13.25	123.79	30.00	18.50

Financial achievement from the year 2008-09 to 2011-12

(Rs. in Lakhs)

Sl. No	Species	2008-09	2009-10	2010-11	2011-12
1	Out Flow	6339.16	7529.39	8283.98	7239.15
2	In Flow	6180.61	6376.80	8462.98	9339.95

NEW INITIATIVES:

Eucalyptus Plantations:

The **APFDC** has been raising Eucalyptus Clonal Plantations and with **(44000)** Hectares. It is the single largest grower among PSUs in India. There are proposals to raise another **(12000)** hectares in the next 3 to 4 years. Due to improved site preparation, use of Quality planting material and Management practices, Optimum yields are obtained from the plantations.

Bamboo Plantations:

- ❖ Besides the old 1976-1983 **(6359)** Hectares of Bamboo plantations raised, new plantations over an area of **(4200)** Hectares (1999-2012) with intensive site management practices. Due to better management practices, as against the normal rotation of 3 years, 2 years rotation has been adopted thereby increasing the revenues.
- ❖ The Corporation is intending to expand the Bamboo plantations over **(500)** Hectares under National Bamboo Mission in the next 3 to 4 years to ensure more supply of raw material per annum to the paper Industries besides raw material to the artisans.

Coffee Plantations:

The Corporation is maintaining about **(4010)** Hectares of existing coffee plantations in the agency areas with intensive cultivation practices by following scientific methods. These plantations are generating about **(6.00)** lakhs man days of employment to the tribal's all around the year.

Scheme proposals are sent to Government of India to expand the Coffee Plantation areas over **(10000)** Hectares in the agency areas of Eastern Ghats

Pepper Cultivation:

The **APFDC** had **(4.09)** lakh Pepper standards in its Coffee Estates, comprising of high yielding varieties like Panniyur-I, Purnima, Sreekara, Subhakara, Panchami, Panniyur-5.

Cashew Plantations:

- ❖ The Corporation has got Cashew plantations over an area of **(8950)** hectares along the coastal belt in Prakasam and Nellore districts and in the inlands of Khammam, West Godavari and Chittoor districts. Presently the older plantations are being replanted with high yielding cashew varieties using scion banks.

Eco Tourism:

- ❖ A.P. Forest Development Corporation Ltd. has entered into the field of Development of Eco-Tourism in Andhra Pradesh with the investment from private entrepreneurs for developing infrastructure and tourist amenities.
- ❖ The Hyderabad Botanical Garden near the Hi-tech City and Mahavir Nischal Van projects are already opened to the public. The Rajiv Eco-Park is developed on the lines of Botanical Garden to conserve local species and for propagation and to serve as a Study Centre at **Idupulapaya** and **Shamirpet** Eco Park were opened to public.
- ❖ The Projects are attracting many visitors. Many other Eco-Tourism Projects like Night Safari, Bird Park, Mrugavani National Park and Chilkur will come up in due course.

Other Activities:

- ❖ The Corporation has diversified its activities with several schemes such as providing consultancy services in Afforestation to the industries such as NTPC, HPCL etc. and supplying high quality Eucalyptus clones to public and institutions.
- ❖ It is also acting as an Agent to the Government for carrying out the Trade of Beedi Leaves and for disposal of Red Sanders Wood.

CHAPTER – IX

FOREST RESEARCH

The National Forest Policy, 1988, emphasizes on scientific Forestry Research towards attainment of policy objectives which aim at restoring ecological balance and conservation of country's natural heritage by evolving socially acceptable, technically viable and ecologically sustainable management practices. In order to achieve above objectives, Andhra Pradesh Forest Department has recognized the potential and role of Forestry Research and accordingly made financial allocations and build up research capabilities over last two decades.

There are four Research Divisions located at Hyderabad, Warangal, Tirupathi, and Rajahmundry which attend to the Forestry problems in their respective jurisdiction. The Research and Development Circle which created in 1971-72 with Head Quarters at Hyderabad and presently headed by Addl.PrI.CCF rank Officer to ensure effective co-ordination of various Research Activities taken up in the research centers to documents the research findings and disseminate the information for practical application in the field.

9.1 – THE FACILITIES DEVELOPED IN THE FOUR RESEARCH CENTERS AND THEIR STATUS

Sl. No.	Description	S.S. Hyd	S.S. RJY	S.S. TPT	F.G. WGL	Total
1	2	3	4	5	6	8
1.	Total Staff	37	35	45	39	156
2.	Field Research Stations	2	5	4	6	17
3.	Area in Ha.	169	150	456	328	1103
4.	Lab facility	i) Gen Lab ii)Seed testing lab	Gen Lab	i)Soil science lab ii) Micro-biology lab iii) Molecular marker lab iv)Tissue culture lab	i) Seed testing lab.	
5	Seed godowns	4	2	1	1	8
6.	Modern research nurseries	2	1	5	1	9
7.	Seminar halls / Conference halls/ Demo cum training centers	2	1	2	2	7

Forestry Research plan is divided into Long Term Research Plan and Short Term Research Plan. Under Long Term Research Plan, Breeding Programme for tree species like, Teak, Eucalyptus, Casuarina and other Long Rotation species have been taken up. Eucalyptus and Casuarinas species Breeding Programme has reached 3rd generation trials.

Under Short Term Research Plan issues of immediate and urgent attention, Nursery Protocol Development for various species etc has been taken up. In addition, Multi- Locational Clonal Trials, Clonal Multiplication Area for various species are also taken up during the years 2003-04 to 2007-08 under AQPCFM Project with a view to enhance with productivity from unit area. Under skill up gradation of all stakeholders involved in forestry, trainings on important and relevant themes were also taken up during the project period of APCFM.

Under World Bank assisted A.P Forestry Project (1994-1999) and under APCFM project (2002-2010) focus of Forestry Research was on enhancement of forest productivity through focused applied Research and consequent advancement in forestry technology. Under APFA (Phase-I) (1994-2000) 100 Ha. Of Clonal Seed Orchards and 30 Ha of Seedling Seed Orchards of important timber and economical value species were established and 180 Ha. Of C.M.A of timber, pulpwood and NTFP species were raised.

An area of 806 Ha of Seed Production Areas of teak (689 Ha.), *Anogeissus latifolia*, *Adina cardifolia*, *Terminalia alata*, *Pterocarpus marsupium* and *P.santilius* were also demarcated.

Similarly, under World Bank assisted APCFM project focus is on tree improvement and productivity enhancing programmes like, development of Clonal Multiplication Areas for various species including NTFP species.

Further on closure of the APCFM Project by March/2010, all the Research Activities are being continued under the Scheme AP State CAMPA from 2010-11.

The following major Research Activities are being taken up under CAMPA since the last two years.

1. Research Infrastructure:

The existing infrastructure like Lathe houses, Mist chambers, Seed godowns Polypropagators etc were repaired and expanded besides procurement of new infrastructure where ever required. Further new infrastructure required in the recently acquired Research Centres by the Research Divisions-Rajahmundry, Tirupati and Warangal are procured.

2. Machinery and Equipment:

Under Machinery and Equipment component, Tree Measuring equipment which are very essential for measuring the Candidate Plus Trees in the field, were procured. In addition, general laboratory equipment such as pH meters were purchased. Further, to reduce the costs of maintenance of various research plots in the research centres, it was decided to mechanize weeding in the research plots and for this purpose, weed cutters were also acquired for the research divisions. Expenditure also was made on maintaining the soil testing equipment, equipment in molecular markers lab and tissue culture lab in Biotechnology Research Centre at Tirupathi.

3. Documentation and Strengthening of Library:

The foundations of any research activity have to be based on the published literature. For this purpose, scientific books dealing with various aspects of forest science were acquired for the central library. A few books were also acquired by the Divisional Officers for the libraries in the divisions to cater to the field officers.

4. Tree Breeding Activities:

As part of this activity, selection of CPTs of *Dalbergia Latifolia*, *Mitragyna Parviflora*, *Adena Cordifolia* and *Pterocarpus Marsupium* in addition to the old CPTs (published in the R&D Document of AP is taken up under this component. Seed is being collected from the selected CPTs and progeny trials are being taken up. A systematic survey is underway in all the divisions of Andhra Pradesh.

5. Clonal Forestry Research:

As part of this activity, eucalyptus and casuarinas breeding program is being implemented. In addition three important secondary timber species *Adina Cardifolia* and *Mitragyna Parvifolia*, *Melia Dubia* have been selected for improvement. As part of this activity, CPTs are identified and these will be tested. Rooting experiments have been conducted and are successful. CTAs will be established and once the CPTs are tested, they can be deployed in the field.

6. Domestication of Indigenous Fast Growing Species:

As a part of this program introduction trials of the following species which are important from commercial and conservation point of view is being taken up. Accordingly all the Divisional officers have initiated the works and present position is as follows: *Dolichandrone Crispa*, *Chloroxylon Swietenia*, *Chukrasia Tabularis*, *Anogeissus Acuminate*, *Albizia Stipulata*, *Cedrella Toona*, *Schrebera Switeniodes*, *Radermachera*.

7. Seed Technology:

As part of this component, seed from superior sources have been collected and supplied to the field. Value addition is done by grading the seed. A total of 74.600 Tonnes of seed of important timber and other species was collected during the years 2010-11 (41.100 Tonnes) and 2011-12 (33.500 Tonnes) and supplied to the user Divisions. Some of the important species for which seed was collected are *Tectona Grandis*, *Terminalia Arjuna*, *Terminalia Alata*, *Terminalia Chebula*, *Terminalia Tomentosa*, *Terminalia Bellerica*, *Simarouba Glauca*, *Madhuca Indica*, *Ailanthus Excelsa*, *Melia Dubia*, *Pterocarpus Marsupium*, Red Sanders, *Pongamia Pinnata*, *Gmelina Arborea*, *Azadiracta Indica*, *Hardwickia Binata* etc.

Further as a part of this seed stands of *Sterculia urens* (2.500 Ha), *Stereospermum suvalens*(1.0) *Cochlospermum*(2.50 Ha) are established during the year 2011-12.

8. Laboratory Research:

Laboratory based activities were conducted at the biotechnology Research Centre, Hyderabad were laboratory facilities for Tissue Culture, Soil Analysis, Biofertilisers and Molecular markers are available. Soil laboratory is fully functional and several samples from the field are analysed and results were supplied to the field officers. In the Biofertilisers Laboratory, pure Rhizobial cultures were established from *Pterocarpus Santalinus* which can be cultured on large scale for supply to the field officers growing *Pterocarpus Santalinus* in nurseries. Pure cultures of various composting organisms were also obtained and established in the laboratory. Their efficacy in composting are being tested. *Pisolithus tinctorius* was collected in large quantities for inoculation of 30 lakh Eucalyptus rooted cuttings being produced for supply to the field officers. Enough quantities of Pt are also available for supply to the field officers who are producing Eucalyptus cuttings. Protocols have been established for production of Teak Tissue Cultures and 50000 plants are produced. Similarly, Protocols are being established for Invitro culturing of *Melia Dubia*. Screening markers for *Pterocarpus Santalinus* is completed up to H and work is continuing to identify the markers for this species. This work is being done in Molecular markers laboratory to know if grain structure is based on genetic parameters or environmentally influenced. Training in Tissue Culture were conducted form teams from Gujarath and Chattisgarh.

9. Biofertilisers and Biopesticides Production:

Rhizobial cultures from *Pterocarpus Santalinus* are established in the laboratory and are being produced on large scale for supply of Inoculum to the field officers who are growing Red Sanders in the nurseries. Pure cultures of various composting organisms also has been established in laboratory. Large quantities of Pt spores have been collected for inoculating 30 lakh Eucalyptus cuttings being produced by the Research Divisions and also for supply to field officers who are producing the Eucalyptus cuttings. Further, 708 Cu.M of Vermicompost (400 cu.m during 2010-11 and 308 Cu.m during 2011-12) and 1052 Cu.M (500 cum during 2010-11 and 552 Cu.m during 2011-12) and 6000 Kgs of Neem Cake during 2010-11 was produced in the Research Centres and supplied/utilized in the plantations where ever required. Further in the Research Centre of Tirupati, 80 Kgs of Tricoderma, 15 Kgs of *Pisolithus*, 5000 Kgs of Azatobactor, 3500 Kgs of Azospirillum) was also produced and supplied.

10. Production of Tissue Culture Seedlings:

Seventy five thousands of tissue culture Teak Plants (25000 no.s during 2010-11 and 50000 no.s during 2011-12) were produced in the Research Centre, Tirupati. Protocols are being developed for invitro culture of Melia dubia.

11. Improvement of Nursery Technology and production of QPM:

As part of this activity, Nurseries have been equipped with automated irrigation systems. 8.700 lakhs of QPM of various species are raised during the years 2010-11 (5.130 lakhs) and 2011-12 (3.570 lakhs) produced and supplied to the field officers. As part of this activity, 13.00 lakhs of Eucalyptus cuttings were produced and supplied to the field officers for 2011 planting season and another 30.00 lakhs of cuttings are being produced for 2012 planting season. Value addition will be inoculation of cuttings with Pt.

12. Natural Forest Management:

As part of this activity, Research plots have been established to study various ANR models which will help in prescribing methods to be followed to regenerate degraded forests.

13. Conservation of Eastern Ghats Flora:

As part of this activity, Herbarium has been established at Dulapally with 170 species. Medicinal Plants Garden has been established at Nellore and existing Medicinal Plants Gardens have been maintained. New species have been added to the existing Arboretums at Rajahmundry and Dulapally which will help to teach to identification of important tree species to the Range Officer, Forester and Beat Officer Trainees being trained by the A.P. Forest Academy. These Herbaria and Arboretums also help the local colleges in teaching Taxonomy to the Botany students and thus serve a social purpose.

14. Special Research Topics:

Research plots have been established for developing methods to reclaim contaminated soils. Multistoried Plantations models have been established with various combination of species. As part of this activity, data is being collected regularly in all surviving plots in all the MLCT and LRHT plots. As the data is only five to six years old, no meaningful conclusions can be drawn as the minimum time period required is half rotation age for timber species. Data analysis of various important research plots has been. In addition, data is being collected from all the research plots in the research centres regularly. The results from these research plots will help to evolve strategies to tackle contaminated soils and difficult areas. Multi storied plantations will help optimize the land use. Data from multiclonal multilocation trials of clones will help to prescribe a specific clone for a specific agroclimatic zone. Deployment of superior clones will help increase the productivity of the plantation.

Further during 2011-12, (32) Research experimental Plots have been taken up under CAMPA and Seed Development Schemes on various issues / themes over an area of (68.570) Ha. in the Four Research Divisions.

The details are given below.

9.2 – RESEARCH PLOTS ESTABLISHED DURING THE YEAR 2011-12

Sl. No.	Name of the species	Nature of plot	Espacement in Mts.	Area in Ha.	Research division	Location/ Research Centre
1	Tissue Culture Teak	CTA	3X3	0.50	SS,HYD	RC,Mulugu
2	Buchanania lanzn	Demo plot	3X3	0.50	SS,HYD	RC,Mulugu
3	Chloroxylon swietenia	Demo plot	2X3	1.000	SS,HYD	RC,Mulugu
4	Stericulia urens	Seed Stand	5X5	2.50	SS,HYD	RC,Mulugu
5	Stereospermum suavalens	Seed Stand	3X3	1.000	SS,HYD	RC,Mulugu
6	Mitragyna parvifolia		2X3	1.000	SS,HYD	RC,Mulugu
7	Tissue Culture Teak	CTA	1X1	0.500	SS RJY	Rajahmundry
8	Cedrella toona	Species introduction Trial Plot	3X4	1.000	SS RJY	Rajahmundry
9	Anogeissus acuminata	Species introduction Trial Plot	3X4	1.000	SS RJY	Rajahmundry
10	Cochlospermum religiosum	Seed Stand	4X3	2.00	SS RJY	Rajahmundry
11	Albegia odoratissima	Demo Plot	4X3	0.500	SS RJY	Rajahmundry
12	Tissue Culture Teak	CTA	1X1	0.50	SS TPT	Nellore
13	Melia dubia	PT	3X3	0.720	SS TPT	Nellore
14	Chukrasia tabularis	Demo Plot	2X2,3X2,3X3,3X4	0.50	SS TPT	Nellore
15	Cochlospermum religiosum	Seed Stand	4X4	0.50	SS TPT	Nellore
16	Pterocarpus santalinus	Seed Source Trial Plot	3X3	5.000	SS TPT	Nellore
17	Pterocarpus santalinus	Seed Source Trial Plot	3X3	1.000	SS TPT	Nellore
18	Chloroxylon swietenia	Demo Plot	3X2	1.000	SS TPT	Nellore
19	Casuarina equisetifolia	CSO	3X2	1.000	SS TPT	Nellore
20	Casuarina equisetifolia	CSO	3X2	1.300	SS TPT	Nellore
21	Soymida febrifuga	Demo Plot	3X3	3.000	SS TPT	Nellore
22	Casuarina equisetifolia	CTA	3X3	0.300	SS TPT	Nellore
23	Shorea talura	Demo Plot	3X3	1.00	SS TPT	SVFRS KK Doddi
24	Multistoried Plantation Model of Pterocarpus santalinus, Soymida febrifuga, Dolichandrone crispera and Hardwickia binata	Multistoried Plantation Model	3x3	1.00	SS TPT	SVFRS KK Doddi
25	Plantation in Phytoremediation of Contaminated soils- Eucalyptus, Soma, Maredu, Stericulea urens, Dolichandrone crispera	Plantation Model	3x3	1.000	SS TPT	Nellore
26	Pterocarpus santalinus	Seed Stand	3X3	25.000	SS TPT	Nellore
27	Schrebera swietenoides	Species introduction Trial Plot	3X3,3x2	0.700	FG WGL	Mahadevpur
28	Tissue Culture Teak	CTA	3X3	0.500	FG WGL	Mahadevpur
29	Radermachera xylocarpa	Species introduction Trial Plot	3X3,3x2	1.00	FG WGL	Jakaram
30	Chloroxylon swietenia	Demo Plot	3X3	1.000	FG,WGL	Jakaram
31	Multistoried Plantation –Bamboo &Eucalyptus	Multistoried Plantation	4X3	1.050	FG WGL	Jakaram
32	Simarouba glauca	Seed Stand	3X3	10.000	FG WGL	Acutapuram

9.3 – COLLECTION AND DISTRIBUTION OF QUALITY SEED DURING THE YEAR 2011-12 IN R&D CIRCLE

(in Kgs.)

Sl.No.	Division	Opening Balance	Collected during the year	Disposed during the year	Closing balance
1	State Silviculturist, Hyderabad	262.500	5184.240	2298.950	3147.790
2	State Silviculturist, Tirupati	11175.000	24595.00	14620.00	21150.00
3	State Silviculturist, Rajahmundry	5201.500	39640.140	34862.300	9979.34
4	Forest Geneticist, Warangal	26182.200	20928.300	21443.300	25667.200
Total		42821.200	90347.680	73224.550	59944.330

9.4 – EXPENDITURE INCURRED UNDER VARIOUS SCHEMES DURING THE YEAR 2011-12 IN R&D CIRCLE

(Rs. in Lakhs)

S.No.	Scheme	Budget Released	Exenditure Incurred
1	Tree and Pasture Seed Development	50.000	49.746
2	Sivicultural Research	8.070	9.444
3	Publicity	30.000	29.803
4	13 th Finance Commission-Maintenance of Forests-Research-2011-12 APO	21.850	21.690
5	13th Finance Commission-Maintenance of Forests-Research-2011-12 APO	10.966	10.945
6	AP State CAMPA	524.650	509.140

9.5 – ACTIVITIES UNDER PUBLICITY

Besides the above mentioned Research Activities, Addl.Prl.CCF, R&D is also in charge of the Publicity wing in the Forest Department with the assistance of the Forest Utilisation Officer. Publicity is one of the supporting activity of the Department in organizing and highlighting of various activities in the concerned fields. In order to cause wide publicity of the departmental activities office of the Forest Utilization Officer is assigned with supporting staff and required budget.

The main activities of the publicity wing are to cause wide publicity of the Departmental activities, highlighting the achievements, to create awareness on conservation of forests biodiversity and wildlife among the general public, to encourage more effective and intensive utilization of forest products in trade and industries and make publicity by organizing Exhibitions in All India Industrial Exhibition, Hyderabad every year and also at Vijayawada to enlighten the public about the developmental activities taken up by the Department.

FUO office is having a Statistical Cell to study the trends in the market for Timber and other forest produce and works in collaboration with territorial Divisional Forest Officers to secure the best price to the forest produce sold by them by constant interaction in furnishing data on market trends on various forest products.

The works attended by the publicity wing during the year 2011-12 are as follows:

1. Exhibition stalls in All India Industrial Exhibition
2. Tableaux for 15th August, 2011 and 26th January-2012
3. Publishing of Forest at a Glance, Brochures
4. Publishing of Annual Administration Reports
5. Publishing of Facts and Figures of the Department
6. Publishing of Telephone Directory of the Forest Department and also conducting exhibition on important meetings and departmental functions to highlight the departmental activities.

CHAPTER – X

WILDLIFE PRESERVATION

There are (6) National Parks and (21) Wildlife Sanctuaries which are called protected areas for in Situ-Conservation. The protected areas are spread over 13356.985 Sq.Kms or 4.86 % of the Geographical area or 20.93 % of the Forest area of the State. In addition we have (4) Zoological Parks and (6) Deer Parks in the State for ex-situ Conservation of Wildlife.

The National Parks, Sanctuaries, Zoological Parks and Deer Parks are shown in detail. The State Board of Wildlife and Zoo Authority of Andhra Pradesh have been constituted for advising the Government on protection and conservation of Wildlife in the State.

10.1 – NATIONAL PARKS:

Sl. No.	Name of the National Park	Area in Sq.Kms	Districts
1	Kasu Brahmananda Reddy National Park	1.425	Hyderabad
2	Sri Venkateswara National Park (Part of Sri Venkateshwara Wildlife Sanctuaries)	353.63	Chittoor
3	Mrugavani National Park	3.60	Ranga Reddy
4	Mahavir Harina Vanasthali National Park,	14.59	
5	Rajiv Gandhi National Park	2.30	Kadapa
6	Papikonda National Park	1012.85	Khammam & East & West Godavari.

10.2 – ZOOLOGICAL PARKS:

Sl. No.	Name of the Zoo Park	Area in Ha.	Year of Establishment
1	Nehru Zoological Park, Hyderabad	160.00	1959
2	Indira Gandhi Zoological Park, Visakhapatnam	625.00	1977
3	Sri Venkateswara Zoological Park, Tirupati	2212.00	1987
4	Vana Vignan Kendhram (Mini Zoo), Warangal	19.20	2009

10.3 – DEER PARKS:

Sl. No	Name of the Deer Park	Area in Ha.	Districts
1	Chittoor Deer Park	3.25	Chittoor
2	Kinnerasani Deer Park	14.50	Khammam (Paloncha)
3	Pillalamarri Deer Park	5.80	Mahaboobnagar
4	Kandaleru Deer Park	25.00	Nellore
5	TTD Deer Park	7.42	Tirupati
6	Jawaharlal Nehru Tourist Complex, (JLTC), Shamirpet	30.00	Ranga Reddy
7	Lower Maneru Dam Deer Park	12.50	Karimnagar

10.4 – SANCTUARIES:

Sl. No.	Name of the Wildlife Sanctuary	Area in Sq.Kms	Districts
1.	Kawal Wildlife Sanctuary	893.00	Adilabad
2.	Pranahita Wildlife Sanctuary	136.02	Adilabad
3.	Siwaram Wildlife Sanctuary	29.81	Adilabad & Karimnagar
4.	Eturunagaram Wildlife Sanctuary	803.00	Warangal
5.	Pakhal Wildlife Sanctuary	860.20	Warangal
6.	Kinnerasani Wildlife Sanctuary	635.40	Khammam
7.	Coringa Wildlife Sanctuary	235.70	East Godavari
8.	Kolleru Wildlife Sanctuary	308.55	West Godavari & Krishna
9.	Krishna Wildlife Sanctuary	194.81	Krishna & Guntur
10.	Pocharam Wildlife Sanctuary	129.84	Medak & Nizamabad
11.	Manjeera Wildlife Sanctuary	20.00	Medak
12.	Rajiv Gandhi Wildlife Sanctuary	3568.00	Guntur, Kurnool, Mahabubnagar, Prakasham & Nalgonda
13.	Rollapadu Wildlife Sanctuary	6.14	Kurnool
14.	Gundla Brahmeswara Wildlife Sanctuary	1194.00	Kurnool & Prakasham
15.	Sri Lanka Malleswaram Wildlife Sanctuary	464.42	Kadapa
16.	Nelapattu Wildlife Sanctuary	4.58	Nellore
17.	Pulicat Wildlife Sanctuary	500.00	Nellore
18.	Koundinya Wildlife Sanctuary	357.60	Chittoor
19.	Sri Venkateswara Wildlife Sanctuary	525.97	Chittoor & Kadapa
20.	Kombala konda Wildlife Sanctuary	70.70	Visakhapatnam
21.	Penusila Narasimha Wildlife Sanctuary	1030.85	Kadapa & Nellore

10.5 – WILDLIFE MANAGEMENT CIRCLES:

There are four (4) Wildlife Management Circles and headed by the Officers in the Rank of Chief Conservator of Forests / Conservator of Forests and located at Srisailam, Hyderabad, Tirupahti and Eluru. These Circles ensure to enforcement of the provisions of Wildlife Act and provide planning and guidance to wildlife divisions under their Jurisdiction.

10.5.1. WLM PROJECT TIGER CIRCLE – SRISAILAM:

In view of the Re-organisation of Forest Department orders issued in G.O.Ms.No.188, EFS & T (For-III) Department, Dt: 04-12-1998 (PCCF, A.P., Hyderabad Rc.No.23957/98M.1, Dated: 25-12-1998, new Division named as Divisional Forest Officers, Wildlife Management Division have been formed with effect from 01-01-1999.

The Circle consists the following (4) Territorial Divisions and (2) Functional Divisions. The area of the Circle are spread in the (5) Districts of Kurnool, Mahaboobnagar, Prakasham, Nalgonda and Guntur.

1. WLM Atmakur
2. WLM Achampet
3. WLM Markapur
4. WLM Nagarjuna Sagar
5. Flying Squad Division Atmakur
6. ACF – Bio-Diversity Srisailam.

Division wise area

(Area in Sq. Kms)

Sl. No	Name of the Division	Name of the District	Total forest area	Area under NSTR WLS	Area under GBM WLS	Area under GIB WLS	Area out side the sanctuary i.e., fringe
1	2	3	4	5	6	7	8
1	Atmakur	Kurnool	1228.00	411.00	314.58	9.28	493.14
2	Achampet	Mahaboob-Nagar	2454.00	1750.00	0	0	704.00
3	Markapur	Prakasham	2229.00	665.19	68.00	0	1495.81
4	Nagarjuna Sagar	Nalgonda & Guntur	753.00	741.90	0	0	11.100
		Total :-	6664.00	3568.09	382.58	9.28	2704.05

- ❖ Srisailam is an important pilgrimage centre for Hindus & Panoramic picture scenic beauty. A Hydro Electric Project has been constructed on river Krishna during 1964-75 which is about 10 Kms. The opportunists sighting Wild Animals are also an attractive to Pilgrims / Visitors.
- ❖ Bairluty is an important picnic place, lying at the foot of the Nallamalai hills with a sylvan grace of its own. There is a proposal by Tourism Department & Forest Department to develop the area as a natural Tourist spot.
- ❖ Nagarjuna Sagar: The world famous Hydro electric project is an important place to be seen. The A.P. tourism is also proposed to develop the area as tourist spot and also one of the important Historical Musium is located at Nagajuna Konda.
- ❖ The 63rd Vanamahosthavam was celebrated during 1st week of July 2011.
- ❖ The 57th Vanyaprani Saptaha was celebrated during October 2011.
- ❖ The grass yield and out turn of forest produce annual removal of wood and bamboo removal of MFP, Forest Industries are Match Industry, Ply Wood Industry, Card Board Insdustry and Paper & News print Mills.

Employment of Labour in Forests:

Prior to 1993-94, the forestry operation like, raising of nurseries, planting, weeding, extraction of Timber, Fuel, Bamboo etc., were carried out by engaging labours of the adjacent villagers and imported labours were used to work in these operations. By introduction of APCFM, No. of VSS / EDC's were formed in the Circle. Most of the works are being carried out by VSS / EDC members. No permanent labour is employed in forestry operations. The labour available in the vicinity of the forest areas are generally employed for carrying out the works, wherever the VSS / EDC members availability is less. The extraction of Bamboo is restricted to outside Nagarhuna Sagar Tiger Reserve only.

General Protection & Breach of Forest Act:

The staff of the circle are working hard to protect the Forest & Wildlife as well as implementation of the Andhra Pradesh Forest Act & other Acts and Rules.

During the year 2011-12 (2849) forest cases were detected. Out of which (18) cases are prosecuted, (2642) cases are compounded and (189) UDOR cases are detected. Out of which (2903) cases were disposed. At the end of the year, (92) cases were pending, out of which (86) prosecuted and (6) UDOR cases.

Division wise Offences detected and disposed during the year 2011-12

Sl. No	Name of the Division	Receipts			Disposal of cases			'C' fee collected Rs. In lakhs
		Prosecuted cases received	Compounded cases received	UDOR's cases received	Prosecuted	Compounded	UDOR's	
1	Achampet WLM	0	825	75	0	855	83	33.053
2	Atmakur WLM	14	830	108	2	855	112	19.406
3	Markapur WLM	4	410	6	0	413	5	14.348
4	Nagarjunasagar WLM	0	97	0	0	97	1	7.193
5	FSP Atmakur	0	480	0	0	480	0	20.120
Total:		18	2642	189	2	2700	201	94.120

Protection Problem:

The Protection of Forests in this circle has suffered a great deal during the past years. Three major agencies of smuggling in Atmakur WLM division are identified.

1. Shelters of Siddapuram
2. The Timber traders of Atmakur and places like Markapur & Bethamcherla
3. Adjoining villages of Reserve Forest area

Protection from injuries to Natural Forest:

Strict protection measures have been taken for protection of forest by perambulating in the natural forest and patrolling the areas. The public was also made to realize the hazards of forest fires by holding meetings at the Range level by involving villagers during the fire protection work periods. (11) Fire occurrences were reported to an extent of 150.50 Ha in other areas during the year 2011-12.

Wildlife Preservation:

The areas of the Circle are rich in fauna particularly Tiger, Panther, Sambar, Neelgai, Spotted Deer's & Wild boar etc.

Division wise Revenue and Expenditure for the year 2011-12

(Rs. In Lakhs)

Sl. No.	Name of the division	Revenue	Expenditure		
			Plan	Non-Plan	Total
1	WLM Atmakur	38.977	249.999	12.488	262.487
2	WLM Markapur	104.943	410.800	32.172	442.972
3	WLM Achampet	120.643	26.350	34.909	61.259
4	WLM Nagarjunasagar	7.580	15.873	116.68	132.553
5	FSP Atmakur	20.119	7.535	27.738	35.273
Total		292.262	710.557	223.987	934.544

10.5.2 WILDLIFE MANAGEMENT CIRCLE, TIRUPATI:

The Circle covers the districts of Chittoor part, Kadapa part and part of Nellore. The Circle comprising of (2) Territorial divisions namely Chittoor East and Rajampet and (2) Wildlife Management Divisions - Tirupati and Sullurpet, (2) Flying Squad Divisions – Tirupati and Piler.

1. WL Chittoor East
2. WL Rajampet
3. WLM Tirupati
4. WLM Sullurpet
5. FSP Tirupati
6. FSP Piler

There are (2) Sub-divisions in the circle one is at Tirupati and another one is at Kodur. The Sub-Divisional Forest Officer Tirupati look after the protection of Forests in Tirupati, Piler, Srikalahasthi and Sathayavedu of Chittoor East Division. The Sub Divisional Forest Officer Kodur look after the protection of Kodur and Chitvel Ranges of Wildlife Rajampet Division.

The total area of the circle is 4600.088 Sq.Kms as follows.

DIVISION WISE AREA

(Area in Sq.Kms)

Sl. No	Name of the Division	Total area	Forest area	% to total area
1	Chittoor East Division	6515.270	2587.580	39.71
2	Tirupati Division	828.793	695.317	83.80
3	Rajampet Division	3582.890	1294.463	36.13
4	Sullurpet Division	625.600	22.728	3.63
Total		11552.553	4600.088	39.82

- ❖ Tirumala is located at top of Seven Hills and is the abode of Sri Lord Venkateswara. This

General Protection and breach of Forest Act:

During the year 2011-12, (3159) Forest Cases were detected. Out of which (387) cases were prosecuted, (2571) cases were compounded and (201) UDOR cases detected. Out of the cases (2660) cases were disposed and (1019) cases are pending at the end of the year. An amount of Rs.80.886 lakhs collected as compounded fees.

Division wise offences detected and disposed during the year 2011-12

Sl. No	Name of the division	Reciepts			Disposal of cases			'C' fee collected Rs. In lakhs
		Prosecuted cases received	Compounded cases received	UDOR's cases received	Prose-cuted	Compo-unded	UDOR's	
1	WL Chittoor East	5	1369	4	16	1369	16	31.680
2	WL Rajampet	210	567	39	0	567	22	15.000
3	WLM Tirupati	172	433	136	0	433	0	16.500
4	WLM Sullurpet	0	13	0	0	13	0	0.456
5	Flying Squad Tirupati	0	0	0	13	0	0	0
6	Flying Squad Piler	0	189	22	0	189	22	17.250
Total:		387	2571	201	29	2571	60	80.886

Protection from injuries from Natural calamities:

Strict protection measures have been taken for protection of forest by perambulating in the natural forest and patrolling the areas. The public was also made to realize the hazards of forest fires by holding meetings at the Range level by involving the villagers during the fire protection work periods. (54) Fire occurrences were reported to an extent of 678.50 Ha in other areas during the year 2011-12.

Wildlife Preservations:

Wildlife week was celebrated in the divisions of this circle by educating the public in preserving wildlife through pamphlets and posters.

Flamingo festival was conducted in WLM Division, Sullurpet in SPS Nellore district during the month of February / March in Co-ordination with Revenue department.

Soil and Moisture Conservation and Flood Control:

Improvement to water sources, such as deepening of wells, Kuntas, Tanks and maintenance of springs etc., were taken up during the year under different approved schemes in the circle.

REVENUE AND EXPENDITURE

Expenditure of the Circle for the year 2011-12

(Rupees in lakhs)

I. Plan Expenditure	902.859
II. <u>Non-Plan</u>	
1. Expenditure on works	84.472
2. Expenditure on Salaries & Controlled items	354.218
Non-Plan Total	438.690
Total Expenditure	1341.549

Revenue of the Circle for the year 2011-12

(Rupees in lakhs)

1	Sale of Timber	0.056
2	Sale of Firewood and Charcoal	0.130
3	Sale of other MFP & Eethapandlu	0.190
4	Receipts from Beedi Leaves	1.079
5	Red Sander	71.000
6	Forestry & Wildlife	16.823
7	Fines & Forfeitures	0.220
8	Rents from buildings	0.401
9	Compounding fees	68.886
10	Recovery from Over payments	0.312
11	Sale of Waste Paper & Other articals	0.080
12	L.S.Contibution	0.800
12	Other receipts	48.725
13	Entry Fee	1.346
14	User Charges	2.500
TOTAL		212.548

The Total Revenue realised during 2011-12 is Rs.212.548 lakhs and the Total Expenditure of Rs. 1341.549 lakhs. Against the Total Expenditure off, an amount of Rs.902.859 lakhs under Plan and Rs.438.690 lakhs under Non-plan.

The Forests in Chittoor, Kadapa and Sri Potti Sriramulu Nellore Districts falling in this Circle comprises of natural growth if Red sanders and Miscellaneous fuel.

Red sanders wood is highly valuable and confined to a limited track i.e., Kadapa, Chittoor, Nellore and Kurnool districts in the entire world and it is used in the manufacture of musical instruments lime Shamosins and Katos in Japan and its due is used in preparation of certain medicines and coloring wines in Germany and other countries. It is listed in the Red Book of IUCN Export of Red sanders in any form is banned.

It commands high value in the international market, though locally the value is not so high.

Therefore, unscrupulous people have started indulging in the illicit trade in Red sanders. As the operation is highly clandestine and smugglers use force when confronted with the protective staff who's unarmed and usually move in Paris or the most in a small group. Protection of Red sanders against fallings of illicit transport has become a difficult task.

10.5.3 WILDLIFE MANAGEMENT CIRCLE ELURU:

Wildlife Management Circle Eluru has been created for the conservation of wildlife in the districts of Krishna, East Godavari, West Godavari, Guntur and Khammam Districts. There are two wildlife management divisions in this circle i.e.,

- (1) WL Eluru
- (2) WL Rajahmundry.

WLM Eluru Division:

The division is having two sanctuaries viz., (1) Kolleru and (2) Krishna, in case of kolleru there is no forest area and in case of Krishna it is Mangrove Morest (Reserve Forest), the division no territorial jurisdiction. The total area of the division is 503.370 Sq. Kms.

The jurisdiction of the division spreads over West Godavari, Krishna and Guntur districts. The objects of the division is intensive management of wildlife in Kolleru and Krishna Sanctuaries and also protection of the wildlife in the three districts.

WLM Rajahmundry Division:

The object in creating this division was to develop the two (2) sanctuaries namely Papikonda National Park (Wildlife Sanctuary) and Coring Wildlife Sanctuary. The coring sanctuary is situated in East Godavari District and Papikonda National Parks (Wildlife Sanctuary) is spread in the districts of East Godavari, West Godavari and Khammam Districts which afford to the wildlife there in for full protection and facilities for Eco-Tourism.

The Papikonda National Park (Wildlife Sanctuary) is located in East Godavari and Khammam districts with a total area of the National Park is 1012.850 Sq.Kms. and the total area of the Coringa Wildlife Sanctuary is 235.700 Sq. Kms and it comprises (3) Reserve Forests viz., Coringa Reserve Forest (3156.54 Ha) Coring Extension Reserve Forest (19441.70 Ha) and Bhairavapalem Reserve Forest (972.050 Ha).

Protection of Fires:

There are no fires and damages occurred in this circle during the year 2011-12.

Wildlife Protection:

At present the executive staff posted in the sanctuaries is protecting the wildlife from the poachers in the sanctuary areas of East Godavari, West Godavari and Khammam districts.

Forest Offences:

During the year 2011-12, (56) Forest Offence Cases were detected in prosecuted. No cases were disposed, (456) cases in prosecuted are pending.

Division wise offences detected and disposed during the year 2011-12

Sl. No	Name of the division	Receipts			Disposal of cases			'C' fee collected Rs. In lakhs
		Prosecuted cases received	Compounded cases received	UDOR's cases received	Prosecuted	Compounded	UDOR's	
1	WLM Eluru	55	0	0	0	0	0	0
2	WLM Rajahmundry	1	0	0	0	0	0	0
Total:		56	0	0	0	0	0	0

Protection to crops against the wind:

In Coringa Wildlife Sanctuary, the mangrove forest act as a shelter left to protect the crops, houses and lives of human beings and cattle against the winds, gales, hurricanes and cyclones from the Bay of Bengal Sea.

The thick vegetation all around the villagers inside and adjacent to Papikonda National park also do some extent protection to crops from damages.

Revenue and Expenditure for the year 2011-12

Sl. No.	Name of the division	Revenue	Expenditure		
			Plan	Non-Plan	Total
1	WLM Eluru	3.992	339.707	103.516	443.223
2	WLM Rajahmundry	4.359	106.166	1.600	107.766
Total		8.351	445.873	105.116	550.989

The Total Revenue realised during 2011-12 is Rs.8.351 lakhs. Against the Total Expenditure of Rs. 550.989 lakhs, Rs.445.873 lakhs is under Plan and Rs.105.116 lakhs are under Non-Plan.

10.5.4 WILDLIFE MANAGEMENT CIRCLE, HYDERABAD:

There are (2) Divisions in the Circle.

1. Wildlife Management Division, Hyderabad and
2. Curator National Parks, Hyderabad

1. Wildlife Management Division, Hyderabad:

There are (2) National Parks in this division i.e., Kasu Brahmanandha Reddy National Park, Jubilee Hills, Hyderabad (KBR) and Mrugavani National Park at Chilkur.

i. KBR National Park:

The KBR National Park spreads over 142.50 Ha. This area contains Flora & Fauna of Deccan Plateau in its natural form. There are about (15) varieties of grasses apart from (400) species of other trees. Over (130) species of birds have been identified along with (15) species of small mammals and (20) species of reptiles. The area is protected by masonry grill wall all round.

During this year (44) Nature Camps were conducted in which (1334) members are participated including school children and Andhra Pradesh Forest Academy, Dulapally trainees.

The Revenue collected as entry fee during the year 2011-12 is Rs.46.853 lakhs as against the target of Rs. 40.000 lakhs.

ii. Mrugavani National Park:

The Mrughavani National Park, Chilkur is located on Hyderabad-Vikarabad highway of 16 kms from Hyderabad city and its spreads over an area of 900 Acres and protected with 2 M high chain link fencing and with CRS masonry wall around and is free of all bio-tic pressures. The density of Forest is 0.7 as per the latest satellite imagery.

There are more than (600) plant species of which more than (130) species are contains medicinal value. (20) Species of Mammals, (20) Species of Reptiles and (130) Species of Birds and Several Invertebrates.

During the year 2011-12, (30) Nature Camps have been conducted involving various Schools, Colleges, NGO's, Voluntary organizations in which (738) members were participated. One view point and watch tower were constructed for providing a birds eye view of the National Park and important places such as Osman Sagar, Himayat Sagar, Golkonda Fort etc.

The Revenue collected as entry fee during 2011-12 is Rs.2.595 lakhs as against the targe of Rs.2.000 lakhs.

2. Curator – National Parks, Hyderabad:

There are (2) parks in the Division i.e., Mahavir Harina Vanasthali National Park, Hyderabad and Jawaharlal Nehru Tourist Complex (JLTC) at Shameerpet.

i. Mahavir Harina Vansthali National Park:

The Mahavir Harina Vanasthali National park is situated on Hyderabad – Vijayawada National highway of 15 Kms. from Hyderabad. The notified area of the National Park is (1459) Ha. This area was once prime grassland locally called as "Kancha" and used to support large number of Black buck, Chinkaras, Cheetal, Wild Boar with Leopard and Wolf as main predators. The area is protected all over by Chainlink fencing and by Masonry wall, about 10.50 Kms in length around the boundary of park.

During this year, (48) Nature Camps were conducted in which (4015) members participated including School children.

The Revenue collected as entry fee during the year 2011-12 is Rs. 8.090 lakhs.

ii. Jawaharlal Nehru Tourist Complex (JLTC):

The J.L.T.C. Shameerpet is located on the Hyderabad – Karimnagar highway at a distance of (30) Kms from Hyderabad City. The area of park is (26) Ha Cheetal is the main specie and also home for reptiles and birds. This area is free from all biotic pressures covered with undulating rocky terrain. The Forest Department took up a project of setting up of a Deer park by fencing an area of (26) Ha and to rehabilitate the native fauna of this area. The visitor's area is 1.5 Ha and the rest is core area. The park is covered with rich flora and fauna. Regular Nature camps are being conducted for the children from the schools and colleges from the surrounding rural areas as well as twin cities of Hyderabad and Secunderabad. During this year (18) Nature camps were conducted in which (724) members attended.

The Revenue collected during 2011-12 is Rs.0.202 lakhs as entry fee.

Protection of fires:

There are no fires and damages occurred during the year 2011-12.

Forest Offences:

During the year 2011-12 (2) UDOR cases were detected and disposed. At the end of the year (17) cases were pending out of which (15) cases were prosecuted and (2) cases UDORs.

Division wise Offences detected and disposed during the year 2011-12

Sl. No	Name of the Division	Reciepts			Disposal of cases			'C' fee collected Rs. In lakhs
		Prosecuted cases received	Compounded cases received	UDOR's cases received	Prose-cuted	Compo-unded	UDOR's	
1	CNP, Hyd	0	2	0	0	2	0	0.300
2	WLM, Hyd	0	0	3	0	0	3	0.115
Total:		0	2	3	0	2	3	0.415

Expenditure of the Circle for the year 2011-12

(Rupees in lakhs)

1	Plan Expenditure	155.916
2	Non-Plan Expenditure	197.294
TOTAL		353.210

Revenue of the Circle for the year 2011-12

(Rupees in lakhs)

1	Rent from Buildings	0.027
2	Compounding fees	0.416
3	User charges	57.186
4	Other receipts	0.668
TOTAL		58.297

Revenue and Expenditure:

The Total Revenue realised during the year 2011-12 is Rs.58.297 lakhs and the total expenditure is of Rs.353.210 lakhs. Out of the expenditure Rs.197.294 lakhs under plan and Rs.155.916 lakhs under Non-Plan.

10.6 – ZOOLOGICAL PARKS:

There are (4) Zoological Parks in the State for ex-situ conservation of wildlife viz.,

1. Nehru Zoological Park, Hyderabad,
2. Sri Venkateshwara Zoological Park, Tirupati,
3. Indira Gandhi Zoological Park, Visakhapatnam and
4. Vana Vignana Kendra Mini Zoo, Warangal.

Except Vana Vignana Kendra Mini Zoo, Warangal, the remaining (3) zoos are working under the control of Director, Zoos, Hyderabad.

10.6.1 NEHRU ZOOLOGICAL PARK, HYDERABAD:

Nehru Zoological Park, Hyderabad was established vide G. O. Ms.No.2347, Dated: 26-10-1959. It was declared open to the public on 6th October 1963. The Park extends over (380) acres, abutting the Miralam Tank on the southern side and National Highway No:7 on the eastern boundary. It is the premier recreation spot in the twin cities of Hyderabad and Secunderabad.

Nehru Zoological Park is a pioneering Zoo in the country to have introduced naturalistic moated enclosures, First Safari Park (1974), First Nocturnal Animal House (1982) and First Open Butterfly Park (1998). It is one of the largest visited Zoos in the country with a visitation of about (2) million per annum.

At present this zoo displaying animals belonging to (143) species and (1340) specimens.

Objectives of the Zoo:

- ❖ Taking-up conservation breeding of endangered animals and to rehabilitate them with special attention to the endemic fauna of Deccan plateau.
- ❖ Promoting wildlife education and creating awareness among the public on the need to conserve the wildlife.
- ❖ Conducting research on animal behavior, breeding and rehabilitation.
- ❖ Providing wholesome recreation for the public with State of the Art facilities.

Keeping in view the above objectives, the Nehru Zoological Park has successfully bred several endangered wild animals both indigenous and exotic like Asiatic Lion, Royal Bengal Tiger (both normal and White), Gaur, Blackbuck, Thamin Deer, Swamp Deer, Sloth Bear, Malayan Sun Bear, Hoppopotamus, Jaguar, Painted Stork, White Ibis, Grey Pelican, Rosy Pelican, several Pheasants, Crocodiles, Green Iguana, etc.,

Wild animals like Blackbuck, Spotted Deer, Peafowl, Crocodiles, etc which have been bred in the Zoo have been rehabilitated in the Sanctuaries and National Parks of the State.

Unique Features of the Zoo:

- ❖ The undulating landscape provides a natural setting to the animals and birds displayed in large enclosures simulating their natural habitat.
- ❖ The mosaic of vegetation with a series of water bodies supports a variety of wild animals and birds both local and migratory.
- ❖ The Mir Alam Tank covering nearly 400 acres with its unique multiple arched bund (24 arches) which is 200 years old forms the southern boundary of the zoo.
- ❖ The climate is generally dry except during the monsoon and the temperature ranges from 16^o C to 45^o C and has a mean annual rainfall of 600-850 mm.

Specialities of the Nehru Zoological Park:

- ❖ First Zoo in the country to have started the concept of Safari Park and established Lion Safari Park in 1974 which has been upgraded into a Safari Park Complex adding Tiger Safari, Bear Safari and Bison Safari in subsequent years.
- ❖ First Zoo in the country to have started Nocturnal Animal House (1982).
- ❖ First zoo to start a Open Butterfly Park (1998).
- ❖ Prehistoric Park developed with the cooperation of Geological Survey of India by setting up Life Size Fibre Models of Dinosaurs.
- ❖ Reptile House.

Zoo Ethics:

As part of Zoo ethics the visitors are requested to observe the following

- ❖ Keeping the Nehru Zoological Premises clean and litter free
- ❖ Avoid bringing polythene bags, plastic covers and cups etc., as these may become fatal to the free ranging deers inside the zoo.
- ❖ Avoid teasing animals and feeding the animals, which are offences as per the Wildlife (Protection) Act 1972.
- ❖ Avoid causing disturbance to the other visitors and the animals
- ❖ Avoid blowing of horns, playing music etc.

Achievements of the year:

Zoo Revenue:

- ❖ In spite of economic recession and agitations, bandhs etc., the Zoo could muster a Revenue of Rs. 8.01 Crores during 2011-12 against last year's Revenue of Rs.6.42 Crores.

New Acquisitions:

- ❖ Sri Shatrucharla Vijayarama Raju, Hon'ble Minister for EFS & T has released a pair of Rhino into the enclosure for public on 04-09-2011 which was brought from Patna Zoo in exchange with one pair of Asiatic Lions, one pair of White Tiger and one male Normal Tiger.
- ❖ One female Chimpanzee (Suzi) was gifted from Lonovala Maharashtra state by which out male Chimpanzee Mr. Jimmy got his life partner.

- ❖ We have received two males one female Cheetah from Dvur Kralov Czech Republic in the month of February, 2011 and released for public by Sri Shatrucharla Vijayarama Raju, Hon'ble Minister for EFS&T on 12.5.2012.
- ❖ We have received one female small Indian Civet cat and one male White Tiger from SVZP, Tirupati during the year 2011-12.
- ❖ We have received one pair of pheasant Reeves from Bird Dealer in the month of December, 2011.

INVENTORY OF LIVESTOCK

The display of wild animals in the zoo has been designed to show primates, larger carnivores, lesser carnivores, omnivores, herbivores and birds.

Inventory of livestock as on 31-03-2012

Sl. No.	Variety	No. of Species	No. of Specimens			
			Male	Female	Unknown	Total
1	Mammals	50	220	200	11	431
2	Birds	73	264	242	190	696
3	Reptiles	19	109	92	12	213
Total:		143	593	534	213	1340

ANIMAL NUTRITION:

There are 143 species of Mammals, Birds and Reptiles requiring a variety of food ranging from Beef, Meat, Chicken and Eggs for the carnivores and variety of rats and frogs to the reptiles. This variety of feed is procured through suppliers on tender basis. As regards Green fodder, it is raised in the fodder plot over 7 acres fodder plot inside the zoo. All the animals are provided with a balance diet and sometimes depending upon the condition and requirement of the animal, the feed is modified as per the advice of the Veterinarians. Sometimes even soups are made for the ailing animals. Special diet is given to the pregnant mothers and also to the lactating mothers. To supplement the nutrition, vitamin supplements are also given along with the feed to the animals and birds. The feed items coming from outside are with the feed to the animals and birds. The feed items coming from outside are screened by the zoo veterinarians and the perishable items are cleaned and disinfected before supplying to the animals. The fruits and vegetables are stored in the recently established cold storage.

On an average about 316 Kgs of Beef, Beef Liver 14.50 kgs., bones 12.00 kgs. 31.5 kgs. Of Chicken and 130 eggs are procured per day for the carnivores and around 99 kgs of fish are procured for water birds and crocodiles, Around 360 Kgs of fruits and vegetables, 3000 Kgs of different varieties of grasses, 230 kgs of various grains and 251 kgs of cattle feed are required per day.

The non perishable feed is stored in the feed store and specially for animals like Elephants, Bears, the food is cooked in the kitchen and supplied to these animals.

ZOO DAY:

The Nehru Zoological Park, Hyderabad opened to public on 6th October, 1963 and it was started celebrating this day from 2009 onwards as "Zoo Day" in every year and upto this year 48th Zoo day celebrations are completed. On this auspicious occasion, the services of the Zoo staff like animal keepers, gardeners, Zoo security personnel, para veterinary staff, etc., were recognized and outstanding performers have been felicitated. On this occasion wildlife related competitions were conducted for the school children and prizes were distributed to the winners.

ANIMAL ADOPTION PROGRAMME:

To involve the general public in the conservation movement and to instill a sense of owning the endangered animals, a programme has been launched in the Zoo and the same has been very well received by the citizens. An amount of Rs. 1.74 lakhs has been realized during 2011-12 for adoption of various animals and birds. A significant amount of Rs.1.50 lakhs was received from the donors. It is proposed to popularise this programme by involving the Corporate Sector as a part of the Corporate Social Responsibility.

FINANCIAL REPORT

The statement of Revenue earned and Expenditure incurred under Plan and Non-Plan schemes during the year 2010-11 is furnished below.

Revenue for the year 2011-12

Name of the Component	Rs. in Lakhs	Percentage
Main Entrance	541.723	67.93
Visitor Van	12.000	1.50
Safari park	19.000	2.38
Toy Train	25.983	3.26
NAH	13.600	1.71
Parking Stand	11.428	1.43
Animal Adoption	1.744	0.22
Aquarium	8.247	1.03
Guest Houses	0.920	0.12
Rentals	36.877	4.62
Interest	124.382	15.60
Misc	1.563	0.20
	797.467	
Total Revenue:	797.467	100.00

Expenditure under Plan and Non-Plan Schemes for the year 2011-12

Name of the Head	Rs. in Lakhs	Percentage
I. Plan		
1. Zoological Parks	121.875	13.71
Plan Total	121.875	13.71
II. Non-Plan		
1. Sanctuaries	591.266	66.52
2. District Offices	3.105	0.35
3. NZP	171.085	19.25
4. Building of Prl.CCF	1.496	0.17
Non-Plan Total	766.952	86.29
Total Expenditure:	888.827	100.00

Revenue and Expenditure from 2007-08 to 2011-12

(Rs. in Lakhs)

Year	Revenue	Expenditure		Total (3+4)	Other Schemes				Grand Total (5+9)
		Plan	Non- Plan		CZA Funds	PBZR Scheme (ZAAP)	CAMPA	Total (6+7+8)	
1	2	3	4	5	6	7	8	9	10
2007-2008	418.562	44.860	437.710	482.570	24.640	105.008	0	129.648	612.218
2008-2009	486.801	27.901	470.146	498.047	25.182	158.990	0	184.172	682.219
2009-2010	545.296	36.039	594.933	630.972	60.738	245.989	0	306.727	973.699
2010-2011	642.259	34.607	728.347	762.954	51.037	459.371	0	510.408	1273.362
2011-2012	801.110	121.875	766.952	888.827	269.360	552.521	191.407	1013.288	1902.115

The Total Revenue realised during 2011-12 is Rs.801.110 lakhs. Against the Total Expenditure of Rs. 1902.115 lakhs, the plan expenditure is Rs.121.875 lakhs, Non-plan expenditure is Rs.766.952 lakhs and under the other schemes expenditure is 1013.288.

10.6.2 SRI VENKATESWARA ZOOLOGICAL PARK, TIRUAPTI:

Sri Venkateswara Zoological Park is being developed on the modern concepts of Zoo Management where in the animals are displayed in vast enclosures which are nearer to their natural habitat. The foundation was laid on 29-09-1987 and opened to public on 30-04-1993. Since Tirupati is the abode of Lord Venkateswara, this zoo is being developed on Mythological theme by highlighting the role of Wild Animals in our ancient scriptures. The total area earmarked for the Zoo is (2212) Ha out of which (285) Ha is proposed for development under phase-I. Presently there are 81 different species of animals, birds and reptiles with a total of (1014) specimens for display.

Objectives:

- ❖ Facilitate captive breeding of the endangered and threatened animals and rehabilitate them with a special focus on endemic fauna.
- ❖ To educate the visitors regarding Wildlife Conservation through Mythological theme.
- ❖ Propagating research on Wildlife for its conservation and proper management.

Salient Features:

- ❖ Large and spacious enclosures for the animals. The total area earmarked for the Zoo is (2212) Ha. So far (250) Ha have been developed. Large potential for future development.
- ❖ There are 81 different Species with a total of (1014) numbers of animals, birds and reptiles being maintained in the Zoo.
- ❖ Lion Safari Park started in 2009.
- ❖ Unique Parrot and Pheasant collections.
- ❖ Eco friendly and pollution free Battery operated vehicles for visitors on hire basis.
- ❖ Only Zoo being developed on Mythological theme.
- ❖ Off display Animal Rescue Centre for lions.
- ❖ Unique visitors amenities complex in front of the Zoo with facilities of Cafeteria, Child Play Area, Visitor Convenience, Visitor Accommodation, Parking, Souvenir Stall, etc.,
- ❖ Education centre "Bioscope" with exhibits on Seshachalam Flora, Fauna, Geology, etc.
- ❖ Purified R.O. water at this place in the Zoo for visitors free of cost.

ZOO ETHICS:

As part of Zoo ethics, the visitors are requested to observe the following:

- ❖ Keeping the zoo premises clean and litter free.
- ❖ Avoid bringing polythene covers and plastic covers and cups etc., as these may become fatal to the free ranging deer inside the Zoo.
- ❖ Avoid teasing and feeding the animals which are offences as per the Wildlife (Protection) Act 1972.
- ❖ Avoid causing disturbance to the other visitors and the animals.
- ❖ Avoid blowing of horns, playing music etc.
- ❖ Alcohol, Smoking etc., is prohibited in the Zoo.

MILESTONES OF THE YEAR (2011-12):

- ❖ **Indian Bison / Gaur added to the animal collection:** For the first time Indian Bison/ Gaur was added to the animal collection of Sri Venkateshwara Zoological Park, Tirupati. Once male and tow female Bison brought from Mysore Zoo on animal exchange programme was released in the renovated moat on 28-12-2011 by Smt. Galla Aruna Kumari, Hon'ble Minister for Mines and Geology.
- ❖ **Water Supply systems:** Additional two bore wells were drilled and a new GLST was constructed near Wolf moat during this year with 60,000 liters capacity and connected to the drinking water supply network. Pipelines were laid for a total length of 4 Kms interconnecting the new bore wells with the GLSR.
- ❖ **Road Network in the Zoo:** The road network in the Zoo was improved during this year by forming new CC road in Lion Safari Park, Deer Safari Park and from primate enclosure to Veterniary hospital for a total of 2.5 Kms distance. BT road was laid from Barasingha enclosure for a distance of 1.5 Kms.
- ❖ **Fodder Production:** The Zoo fodder plot was extended for another 2 acres and new varieties were introduced in the Zoo Fodder Plot. New bore wells were drilled to supply adequate quantity of water to the Fodder Plot.
- ❖ **Visitor Amenities Complex (Zoo Inn):** A comprehensive visitor amenities complex named "Zoo Inn" was developed in front of the Zoo main gate with facilities like child play area, cafeteria, retiring rooms, souvenir stall, parking and toilets. This facality was created to facilitate more number of visitors to the Zoo. The visitor amenities complex "**Zoo Inn**" was inaugurated by Sri S. Vijaya Rama Raju, Hon'ble Minister for Forests, Environment and Science & Technology and Smt. Galla Aruna Kumari, Hon'ble Minister for Mines and Geology on 24-10-2011.
- ❖ **Ostrich:** A Pair of Ostrich was released into the enclosure by Sri S.Vijaya Rama Raju, Hon'ble Minister for Forests, Environment and Science & Technology and Smt. Galla Aruna Kumari, Hon'ble Minister for Mines and Geology on 24-10-2011.

- ❖ **Dust Free Paths and Platforms:** Dust free pavements were laid in Parrot world area, Pheasantry, Nilgai enclosure. The total length of dust free paths laid during 2011-12 is around 587 mts. Also dust free platforms were laid in four different locations for an area of 630 Sq.Kts under shade bearing trees for visitors to rest.
- ❖ **Insulated overhead cable:** New insulated over head electrical cable was laid for a distance of 200 mts from Fodder Plot to Parrot World area to provide safe and effective power supply inside the Zoo premises.
- ❖ **Visitors and Revenue:** The number of visitors increased from 4.10 lakh to 4.80 lakh during this year. The revenue also increased from 1.1 crore to 1.38 crore. The highest per day collection was Rs.3.61 lakhs on 1-1-2011.
- ❖ **Animal Exchange Programmes:** Three Animal exchange programmes were completed during this year with Mysore Zoo, Nehru Zoological Park, Hyderabad and Indira Gandhi Zoological Park, Visakhapatnam.
- ❖ **Renovation of Wolf Moat:** The Wolf moat was renovated during this year. The drainage system, railings and the island portion was renovated.
- ❖ **Extension of Zoo Education Centre “Bioscope”:** The Zoo education center “Bio Scope” was extended and exhibits on flora, fauna, geology and culture of Seshachalam forest were displayed. The extended education centre was inaugurated by Sri Hitesh Malhotra, IFS – Prl. CCF (WL) and Chief Wildlife Warden, Andhra Pradesh in the presence of Sri P. mallikarjuna Rao, IFS – Addl. Prl. CCF / Director, Zoological Parks of Andhra Pradesh on 29-08-2011.
- ❖ **Zoo Work Shop:** Since there was no workshop in the Zoo, a new Zoo worksop shed was constructed near fodder plot where in the entire workshop related equipments are being stored and mainted.
- ❖ **Visitor Facilities:**
 - **Battery Operated Vehicle:** One more 11 seater battery operated vehicle was added to the existing two vehicles. The vehicles are provided to the visitors on hire basis.
 - **R.O. Drinking Water Units:** There are three R.O. drinking water units installed in the Zoo and purified water is available to the visitors free of cost.
 - **New Toilet Block:** For visitor’s convenience a new toilet block was constructed near crocodile enclosure during this year.
- ❖ The important hirths recorded during the year Chowsingha, White Tiger, Jackal, Black buck, Sambar, Spotted Deer, Grey Jungle Fowl and Emu.
- ❖ Wildlife week celebrated were conducted in the Zoo along with the Wildlife Mangement Circle, Tirupati on 24-10-2011. Sri S. Vijaya Rama Raju, Hon’ble Minister for Forests & Environment, Science and Technology, Smt. Galla Aruna Kumari, Hon’ble Minister for Mines and Geology, Sri C. Madhukar Raj, IFS, Prl.CCF (HoFF), Sri Hitesh Malhotra, IFS, Prl.CCF(WL), Sri P. Mallikarjuna Rao, IFS, Addl.Prl.CCF / Director, Zoological Parks of Andhra Pradesh participated and gave prizes to the children who have won in various competitions.

- ❖ **Inpatient and Isolation Ward:** Inpatient and Isolation Ward for different species of animals had been constructed near the Veterinary Hospital during this year for maintaining sick and injured animals for better monitoring and treatment.
- ❖ **CZA Sponsored Animal keepers training programme on Management of Carnivores in Captivity:** Central Zoo Authority sponsored training programme for the animal keepers of South Indian Zoos was conducted from 1-8-2011 to 14-8-2011 at Sri Venkateswara Zoological Park, Tirupati. Twenty participants from (10) Zoos of four States (Karnataka, Kerala, Tamilnadu and Andhra Pradesh) have participated in the training programme.

INVENTORY OF LIVESTOCK

The display on wild animals in the Zoo has been designed to show Carnivores, Herbivores, Flying Mammals, Primates, Rodents, Birds and Reptiles.

Inventory of livestock as on 31-03-2012

Sl. No.	Variety	No. of Species	No. of Specimens			
			Male	Female	Unknown	No. of Specimens
1	Mammals	26	88	96	37	221
2	Birds	48	67	73	487	627
3	Reptiles	7	0	0	166	166
Total:		81	155	169	690	1014

ANIMAL NUTRITION:

There are eighty one (81) species of animals, birds and reptiles in the Zoo which require a variety of food. This is procured locally through food suppliers by open tenders and also by raising green grass and fodder in the Zoo Fodder Plot. As per diet chart, the feed is procured, prepared and supplied to the animals. Care is taken to provide balanced diet for all animals. Special diet is given for sick, lactating animals and to the young ones. Sugarcane, Maize, Banana stems and Ficus is being fed to the elephants at regular intervals. Nutritive supplements like Ostacalcium, Live 52, Multivitamins and the minerals etc., are also given regularly. Green grass (Napier) is grown over an area of (10) Acres in Fodder Plot. Around 1.50 tons of Green Grass is supplied to the herbivores daily from Zoo Fodder Plot. The feed items procured from outside are thoroughly checked by the Veterinarian.

ANIMAL RESCUE CENTRE (ARC):

In Andhra Pradesh, Sri Venkateswara Zoological Park, Tirupati and Indira Gandhi Zoological Park, Visakhapatnam were selected for setting up ARCs to accommodate the rescued Lions, Tigers and Panthers from various Circuses. Accordingly two blocks were constructed at Sri Venkateswara Zoological Park, Tirupati. As on 31-03-2012 there are 41 Lions (18 Male: 23 Female) in the Animal Rescue Centre. The Central Zoo Authority provides budget for upkeep of the animals in the Animal Rescue Centre.

FINANCIAL REPORT

The statement of Revenue earned and Expenditure incurred under State and Central schemes during the year.

Revenue for the year 2011-12

Name of the Component	Rs. in Lakhs	Percentage
Main Entrance	101.33	73.19
Battery Vehicle	2.97	2.15
Safari Park	12.70	9.17
Parking	0.56	0.40
Miscellaneous	3.35	2.42
Canteen	6.18	4.46
Toy train	0.36	0.26
Interest	11.00	7.95
Total Revenue:	138.45	100.00

Revenue and Expenditure from 2007-08 to 2010-11

(Rs. in Lakhs)

Year	Revenue	State Schemes							Total (5+9)
		Expenditure			Expenditure (Other Schemes)				
		Plan	Non-Plan	Total (3+4)	PBZR	CAMPA	13 th Finance	Total (6+7+8)	
1	2	3	4	5	6	7	8	9	10
2007-2008	33.959	109.791	89.773	193.564	0	0	0	0	193.564
2008-2009	61.964	75.960	82.546	158.506	28.548	0	0	28.548	187.054
2009-2010	88.907	48.395	120.479	168.874	67.984	0	0	67.984	236.858
2010-2011	115.042	85.272	163.841	249.113	71.064	36.853	0	107.917	357.030
2011-2012	138.450	136.270	88.950	225.220	67.010	129.720	31.82	228.550	453.770

Year	Central Schemes			Grand Total (10+13)
	CZA General	ARC Maintenance	Total (11+12)	
1	11	12	13	14
2007-2008	31.350	47.836	79.186	272.750
2008-2009	12.865	74.301	87.166	274.220
2009-2010	2.916	59.004	61.920	298.778
2010-2011	5.895	55.239	61.134	418.164
2011-2012	0.110	46.790	46.900	500.670

The Total Revenue realised during 2011-12 is Rs.138.450 lakhs and the Total Expenditure is of Rs. 500.670 lakhs. Out of the total expenditure, Rs.453.770 lakhs State Scheme and Rs.46.900 lakhs incurred expenditure under Central Scheme.

10.6.3 INDIRA GANDHI ZOOLOGICAL PARK, VISAKHAPATNAM:

The Indira Gandhi Zoological Park came into existence in the year 1972 as per G.O.Ms.No.579, Forests and Rural Development (For-III) Department, Dt: 10-11-1972 and it was inaugurated and opened to public by Sri Ibrahim Ali Ansari, Minister for Forests and Wakfs on 19-05-1977.

Indira Gandhi Zoological Park is located in between the National Highway-5 & the Bhimili – Vizag beach road, in the fringes of sprawling coastal city of Visakhapatnam. Unlike conventional zoos, it is situated amidst the vast expanse of Eastern Ghats with a total area of 250 Ha (625 acres) in Seethakonda Reserved Forest, encompassed by hillocks, natural catchment areas, streams and sea shore of Bay of Bengal on the eastern side. The forest type is southern tropical dry deciduous and scrub jungle.

Indira Gandhi Zoological Park is one of the finest and modern zoos in India located in unique natural setting. In addition to this, an extent of 20.25 Ha of Marine Land Complex area is also formed as a part of the Indira Gandhi Zoological Park on the eastern side joining the Bay of Bengal Sea meant for developing Dolphinarium and other marine animal enclosures. The other management wing of the Zoo Park is the Animal Rescue Centre (ARC) abt 30 Ha on the western side of the zoo which holds (40) Big Cats, (28) Lions & (12) Tigers.

Around 7.05 lakh people visit the zoo in last year. There are more than 850 animals and birds live in open, large moated areas surrounded by natural vegetation. This gives the animals a feeling of living close to their natural habitat.

Objectives:

- ❖ Ex-situ conservation of endangered fauna with special focus on the endemic species of Eastern Ghats.
- ❖ To propagate the values of wildlife and its conservation through education and interpretation aimed at wide public appreciation.
- ❖ To promote wildlife research aimed at conservation and management.

Mission:

- ❖ To complement and strengthen the conservation efforts particularly of wild fauna housed in large enriched habitat with good health, nutrition, care apart from research and Conservation education.

Important Events and Achievements of the Year:

- ❖ Inauguration of Ratitae World, Fish Aquarium, Bio-Scope (Zoo Education Centre), Iguana House and also release of Ostrich, Iguana, Blue Gold Macaw, Green Winged Macas and other five varieties of birds by Sri Satrucherla Vijaya Rama Ranu, Hon'ble Minister for EFS & T, Govt. of Andhra Pradesh and Sri P.Janardhana Rao Mayor, GVMC, Visakhapatnam.
- ❖ A modern Zoo education centre called Bio-Scope with in-built auditorium, Library and interpretation centre has been setup in the zoo park to impart conservation education among general public.
- ❖ Various birds and animal species have been added as part of animal collection like a pair of Ostrich, Green Iguana, Blue Gold Macaw, Green Winged Macaw, Golden Mantled Rosella, African Grey Parrot, Orange Winged Amazon, Violet naped Lory, Blue-headed which has very good improvement in visitor turnout.

- ❖ The important births in zoo are cubs of White Tiger & Fawns of Swamp Deer, Barking Deer, Spotted Deer, Sambar & pups of Wild Dog, Jackals and young ones of Lution and Emerald Parakeets during the report period.
- ❖ Due to better health care the mortality rate of captive animals and birds has been reduced significantly. The mortality rate is less than 3%.
- ❖ Better Visitor facilities are provided in the form of dust free pathways (about 3 kms), new road (500 mtrs, safe drinking water (RO) and sitouts for better appreciation of visitors.
- ❖ Most of the enclosures of Primates & Herbivores have been provided with standoff barriers to a distance of about 3 kms as perCZA norms. It is facilitation the management from controlling vandalism and better vision for the visitors.
- ❖ The aquarium has been improved with many species of fresh water and marine fishes is one of the major attractions.
- ❖ Nocturnal animal house has been renovated and new species like Rusty Spotted Cat (rare species), Owl and Fruit Bats have been added.
- ❖ A new Impatient Ward is constructed which facilitates better health care for old, sick animals as well as new born young ones.
- ❖ Two new battery operated vehicles are procured during the year and the total battery operated vehicles are now 4 in number. Good response from the visitors is being received owing to the fact that it's a very eco-friendly intervention.

Future Developments Proposed in the Zoo Park:

- ❖ A closed Butterfly Park housing numerous butterfly species will be setup in the Zoo.
- ❖ Many new animals like Giraffe, Zebra, Leopard Cat, Thamin Deer etc are proposed to be procured form various Zoos in exchange programme.
- ❖ The main entrance at NH5 side is being developed with improvement facilities of Ticket Counters, Security Room, Cloak Room, Waiting Room, Souvenir Stall etc.
- ❖ The night houses / ffeing cubicles of Leopards, Jaguar, Tiger and all Primates are proposed for reconstruction.
- ❖ The existing main road in the zoo is proposed for widening on both sides for free movement of vehicles and visitors.
- ❖ A Souvenir shop os proposed for displaying and sellind of publicity material like zoo posters, brocuher, stickers, calenders, zoo book, caps and other interpretation material can be put for sale.
- ❖ The aviary of pheasants is very old and is proposed for reconstruction.
- ❖ Raising of compound wall to about 1.5 Kms by fixing concertina coil for strengthening of protection will be taken up.
- ❖ Zoo requires land-scaping, gardening, roceryk work and soil moisture conservation works to provide new look to the zoo park and also to arrest soil erosion from slopy and undulating terrain.
- ❖ Water conservation works could be another initiative and also efforts to be made to increase the supplies into the Indira sarovar.

INVENTORY OF LIVESTOCK

The display on wild animals in the Zoo has been designed to show Carnivores, Herbivores, Flying Mammals, Primates, Rodents, Birds and Reptiles.

Inventory of livestock as on 31-03-2012

Sl. No.	Variety	No. of Species	No. of Specimens			
			Male	Female	Unknown	No. of Specimens
1	Mammals	30	128	124	31	283
2	Birds	47	222	201	65	488
3	Reptiles	11	29	55	7	91
Total:		88	379	380	103	862

Animal Adoption Scheme:

To set the emotional foundation for public support and their sincere involvement in animal conservation 'Animal Adoption' Scheme is in vogue in the Zoo Park. As per the scheme, any animal loving individual and institution can adopt any number of specimens from the zoo animals, birds or reptiles by extending support for one year or multiples of month / days.

The main purpose to inculcate the participation for conservation of wildlife among the people. This creates awareness and enriches the knowledge about wild animals their feeding, reproduction, behavioural changes etc. One should have interest and knowledge about the animal being adopted by him / her. The animal will be cared and fed by the adopter for a year.

Indira Gandhi Zoological Park actively takes part in the protection and conservation of rapidly declining population critically endangered and those animals that lost their habitat. Public participation can be done by the adoption system. This can be taken as a gift your wedding anniversary, your child's birthday or any other special occasion. This entertains you a lot and encourages your family and friends in the participation. The main motto is the protection and conservation by human care.

Animal Rescue Centre:

The Animal Rescue Centre of Visakhapatnam was constructed near Indira Gandhi Zoological Park, Visakhapatnam to house (30) Lions and (30) Tigers and was opened on 02-10-2001. At present there are (40) animals housed which include (28) Lions and (12) Tigers. These are rescued from Ajanta Circus of Patna, Mobile Circus of Bihar, Famous Circus of West Bengal, Prabhat Circus, Andhra Pradesh etc.

All the animals are examined and taken care regularly by the Veterinarian and other staff working in Animal Rescue Centre Visakhapatnam. The regular prophylactic measures include mass deworming in every 3 months, fecal sample testing every month, periodic spraying of Butox in the day kraals and vaccination against viral & blood borne parasites.

Sl. No.	Species	Male	Female	Total
1	Lions	9	19	28
2	Tigers	7	5	12
Total		16	24	40

CONSERVATION BREEDING:

Indira Gandhi Zoological Park, Visakhapatnam has been selected for the conservation breeding of Asiatic Wild dog (Dhole) by the Central Zoo Authority, New Delhi. The Present captive stock of Dholes at the zoo park is (13) with (5) males and (8) females. Dholes have been breeding successfully in the last few years. A behavior study on the social and reproductive behavior of dholes revealed that the presence of sub-ordinate female is quite critical in the up-bringing of pups since they play a crucial role during early pup development. In 2011, a litter of 4 pups were born to the alpha female of the pack. Efforts are on to introduce new blood in the present stock for rejuvenating the genetic profile of the species.

The Successful breeding of White Tigers in the Zoo contributed to attract more visitors over the years. Other species like Jackals, Grey Jungle Fowl, Porcupine, Painted Storks, Grey Herons, Sambars, Black Bucks, etc., have also been breeding successfully in the Zoo.

FINANCIAL REPORT

The statement of Revenue earned and Expenditure incurred under Plan, Non-Plan and Other schemes during the year is furnished below.

Revenue and Expenditure from 2007-08 to 2011-12

(Rs. in Lakhs)

Year	Revenue	Expenditure		Total (3+4)	Expenditure (Other Schemes)			Other Schemes Total (6+7+8)	Grand Total (5+9)
		Plan	Non-Plan		CZA	PBZR	CAMPA		
1	2	3	4	5	6	7	8	9	10
2007-2008	68.364	58.777	53.678	112.455	50.681	0	0	50.681	163.136
2008-2009	90.600	39.108	51.298	90.406	27.002	0	0	27.002	117.408
2009-2010	103.060	30.398	79.598	109.996	64.920	30.990	0	95.910	205.906
2010-2011	116.000	36.300	270.334	306.634	76.601	61.353	25.000	162.954	469.588
2011-2012	125.542	102.370	87.777	190.147	65.960	116.561	90.000	272.521	462.668

The Total Revenue realised during 2011-12 is Rs.125.542 lakhs and the Total Expenditure of Rs. 462.668 lakhs. Against the total expenditure, under the Plan Scheme is Rs.102.370 lakhs and Non-Plan Scheme is Rs.87.777 lakhs and other schemes are Rs.272.521 lakhs respectively.

CHAPTER – XI

OTHER INFORMATION

11.1 – IMPLEMENTATION OF SCHEDULED TRIBES & OTHER TRADITIONAL FOREST DWELLERS (ROFR) ACT 2006:

- ❖ The Government of India enacted “The Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 and also made “the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Rules, 2008.
- ❖ The Ministry of Tribal Affairs, Government of India is the Nodal Agency to implement the said Act and Rules.
- ❖ As per the Act, Forest Rights have to be given to the Tribals and other Traditional Forest dwellers, if they are in possession of any forest land as individuals or as community as on 13-12-2005.
- ❖ The Scheduled Tribes and other Traditional Forest dwellers (RoFR) Act, 2006 enacted by the Government of India came into force with effect from 31.12.2007.
- ❖ For implementation of RoFR Act operational guidelines have been issued by the Government vide G.O.Ms.No.102 dt.06.06.2008 of Social Welfare (LTR1) Department.

Status on implement of RoFR Act, 2006

- ❖ No. of Grama Panchayat having forest interface: 3830
- ❖ No. of Grama Sabhas convened: 3848
- ❖ No. of Forest Rights Committees constituted: 3720
- ❖ No. of Divisional level committees constituted:68
- ❖ No. of District level committees constituted: 22
- ❖ No. of title certificates issued for individual Claims and extent involved :165691 / 472016 Acres
- ❖ No. of title certifies issued for Community Claims and extent involved : 2106 / 979207 Acres
- ❖ Total no. of title certificates issued and extent involved :167797 nos/ 1451223 Acres

IMPLEMENTATION OF RoFR ACT, 2006AS ON 31-03-2012

(In Acres)

Sl. No.	Name of the District	Individual and Community Claims approved		Certificate of titles issued			
		Claims	Extent	Individual Titles		Community Titles	
				No. of Titles	Extent	No. of Titles	Extent
1	2	3	4	5	6	7	8
1	Adilabad	36824	402793	34977	126425	408	270232
2	Nizamabad	2941	8222	2934	5343	7	2879
3	Medak	2319	17506	2269	1963	50	15543
4	Rangareddy	715	1212	715	1212	0	0
5	Hyderabad	0	0	0	0	0	0
6	Mahabubnagar	933	2216	932	2214	1	2
7	Nalgonda	4510	9637	4510	9637	0	0
8	Karimnagar	1746	2943	1720	2906	0	0
9	Warangal	14150	159437	14016	41315	134	118122
10	Khammam	32105	210386	31961	114082	144	96304
11	Srikakulam	14839	46252	14565	29073	274	17179
12	Vizianagaram	13050	74798	12880	35966	170	38832
13	Visakhapatnam	32873	180282	28577	53210	328	115229
14	East Godavari	7859	238845	7490	28836	369	210009
15	West Godavari	1319	54334	1189	2645	130	51689
16	Krishna	911	1519	904	1498	0	0
17	Guntur	2470	4842	2470	4842	0	0
18	Prakasham	3432	8763	1950	7777	26	0
19	Nellore	365	271	365	271	0	0
20	Kurnool	720	17184	698	1849	22	15335
21	Kadapa	67	121	67	121	0	0
22	Ananthapur	393	703	392	683	1	20
23	Chittoor	152	27980	110	148	42	27832
Total		174693	1470246	165691	472016	2106	979207

11.2 – FOREST DEVELOPMENT AUTHORITY:

Forest Development Agencies are federation of all VSS within Territorial / Wildlife Forest Divisions under the Societies Registration Act. It operates in a 3-Tier system. State Forest Development Agency (SFDA) at State Level, Forest Development Agency (FDA) at Division Level and Vana Samrakshana Samithi (VSS) at Village level.

SFDA of Andhra Pradesh constituted at State Level is registered society, under Societies Registration Act and functions as a federation of FDAs in the State. It was a registered on 15-04-2010. In Andhra Pradesh (47) FDAs were sanctioned by Government of India. They are implementing Centrally Sponsored Schemes like National Afforestation Programme, Fodder Development Programme, National Bamboo Mission and 12th Finance Commission (FDA Component) 13th Finance Commission (FDA Component). From this year, they may implement Additional Central Assistance (ACA) programme for “Accelerated programme of Restoration and Regeneration of Forest Cover” subject to release of funds by Finance Department of Andhra Pradesh. All the above schemes are with 100% grant from Government of India.

FDAs are taking up various plantation activities, Soil and Moisture Conservation works, Entry Point Activities, Awareness Raising, Training and Capacity Building etc., through the Vana Samrakshana Samathies.

So far, 47 FDA projects have been sanctioned by the government of India. The Total Outlay of the NAP Programme for 2011-12 is Rs. 1324.1720 lakhs and 2332 VSSs/EDCs are involved in implementing these projects. An area of 3265 Hectares was proposed to be treated during the year and 4032 Hectares was planted.

National Afforestation Programme (FDA)

Sl. No.	Year	Target (in Ha.)	Achievement (in Ha.)	Releases (Rs. In Lakhs)	Financial (Rs. In Lakhs)
1	2002-03	0	0	933.260	120.117
2	2003-04	9600.00	6312.00	1044.000	894.287
3	2004-05	10065.00	9231.00	1421.430	1182.323
4	2005-06	12410.00	11924.00	737.000	1060.061
5	2006-07	14025.00	10010.00	1030.140	1199.451
6	2007-08	3739.00	3357.00	1036.700	761.882
7	2008-09	6710.00	9074.00	1154.000	1258.568
8	2009-10	7393.00	11001.00	1159.971	1577.042
9	2010-11	3265.00	3178.00	1047.500	1164.890
10	2011-12	4053.00	4032.00	1515.680	1324.172
Total		71260.00	68119.00	11079.681	10542.793

National Bamboo Mission

Sl. No.	Year	Target (in Ha.)	Achievement (in Ha.)	Releases (Rs. In Lakhs)	Financial (Rs. In Lakhs)
1	2007-08	500.00	0	112.800	17.508
2	2008-09	389.00	393.00	42.650	90.482
3	2009-10	142.00	385.20	75.000	100.807
4	2010-11	572.00	267.74	40.000	26.414
5	2011-12	250.00	202.15	0	35.741
Total		1853.00	1248.09	270.450	270.952

13th Finance Commission

Sl. No.	Year	Target (in Ha.)	Achievement (in Ha.)	Releases (Rs. In Lakhs)	Financial (Rs. In Lakhs)
1	2010-11	171.00	90.00	168.628	124.916
2	2011-12 (Revalidated)	393.00	393.00	284.579	260.322
3	2011-12 (Regular)	1197.00	1485.00	572.000	512.167

Fodder & Fedd Development Scheme

Sl. No.	Year	Target (in Ha.)	Achievement (in Ha.)	Releases (Rs. In Lakhs)	Financial (Rs. In Lakhs)
1	2010-11	470.00	321.00	82.250	24.982
2	2011-12	157.00	57.27	0	6.429

Accelerated Programme of Afforestation for Restoration and Regeneration of Forest Cover (ACA)

Sl. No.	Year	Target (in Ha.)	Achievement (in Ha.)	Releases (Rs. In Lakhs)	Financial (Rs. In Lakhs)
1	2010-11	1210.00	0	410.000	22.000
2	2011-12	1210.00	1367.00	388.000	387.256

**Divison wise FDA Physical and Financial – Targets and Achievements
upto September 2012**

Sl. No.	Name of the Circle	Name of the Division	Targets		Achievement	
			Phy (in Ha.)	Fin (in Lakhs)	Phy (in Ha.)	Fin (in Lakhs)
1	Adilabad	Adilabad	15	5.570	15	1.031
		Bellampally	25	8.110	25	2.607
		Kagaz Nagar	20	6.160	40	3.583
		Mancherial	35	10.540	20	2.000
		Nirmal	30	14.460	30	2.541
Total			125	44.840	130	11.762
2	Ananthapur	Ananthapur	35	23.350	35	9.287
		Chittoor West	40	15.980	34	3.857
Total			75	39.330	69	13.144
3	Guntur	Giddalur	40	16.650	39	4.495
		Guntur	20	12.950	20	1.691
		Nellore	40	16.420	16	2.078
Total			100	46.020	75	8.264
4	Hyderabad	Mahabubnagar	50	19.830	60	10.950
		Nalgonda	20	16.100	20	3.259
		Rangareddy	30	12.390	40	13.486
Total			100	48.320	120	27.695
5	Khammam	Bhadrachalam (N)	20	11.340	20	3.336
		Bhadrachalam (S)	50	14.580	50	4.725
		Khammam	35	15.250	35	4.445
		Kothegudem	50	20.980	50	4.005
		Paloncha	35	20.170	35	1.892
		Paloncha WLM	30	14.220	30	6.725
Total			220	96.540	220	25.128
6	Kurnool	Kadapa	20	6.110	20	1.283
		Kurnool	20	8.490	25	0.700
Total			40	14.600	45	1.983
7	Nizamabad	Kamareddy	15	12.060	15	1.926
		Medak	25	16.630	25	5.166
		Nizamabad	35	13.310	35	4.020
Total			75	42.000	75	11.112
8	Rajahmundry	Eluru	45	17.650	45	4.735
		Kakinada	35	26.070	35	13.428
		Vijayawada (Krishna)	35	15.190	35	1.860
Total			115	58.910	115	20.023
12	Visakhapatnam	Narsipatnam	20	8.080	20	3.230
		Paderu	20	17.430	40	10.680
		Srikakulam	10	2.700	10	0
		Visakhapatnam	10	4.600	10	0
		Vizianagaram	15	7.220	15	1.989
Total			75	40.030	95	15.899
13	Warangal	Karimnagar (E)	45	16.180	45	2.370
		Karimnagar (W)	40	14.290	40	6.575
		Warangal North	30	11.720	28	1.808
		Warangal South	40	11.430	40	4.277
Total			155	53.620	153	15.030
14	WLM Tirupathi	Chittoor East	50	10.650	37	2.422
		Rajampet	40	11.000	40	1.663
		Tirupathi	20	7.810	20	0.285
Total			110	29.460	97	4.370
10	Srisailem	Achampet	50	13.010	50	6.348
		Atmakur	20	6.940	0	0.511
		Markapur	55	8.580	55	7.031
Total			125	28.530	105	13.890
Grand Total			1315	542.200	1299	168.300

**Item wise annual progress report for the year 2011-12 (upto March 2012)
of Andhra Pradesh of SFDA**

SI.No.	Component	Targets		Achievement	
		Phy	Fin	Phy	Fin
1	Aided Natural Reg.				
	Admissible Rate:				
	AW for Planting in 2011-12	2292	164.26	1937	105.58
	AW for Planting in 2012-13	600	43.57	228	16.59
	Creation (200 Plants/Ha.)	2292	184.64	2292	120.32
	Maintenance - 1st year	2289	55.11	1741	35.20
	Maintenance - 2nd year	6758	95.40	4650	49.08
	Maintenance - 3rd year	3815	43.55	2308	17.93
	Sub-Total	18046	586.53	13156	344.70
2	Artificial Regeneration				
	Admissible Rate:				
	AW for Planting in 2011-12	1423	185.12	1267	151.50
	AW for Planting in 2012-13	615	82.91	385	67.82
	Creation (200 Plants/Ha.)	1388	206.66	1377	192.06
	Maintenance - 1st year	873	39.97	618	35.89
	Maintenance - 2nd year	2457	63.27	1967	49.62
	Maintenance - 3rd year	1650	36.86	1001	24.36
	Sub-Total	8406	614.79	6615	521.25
3	Pasture Development				
	Admissible Rate:				
	AW for Planting in 2011-12	95	7.74	59	6.93
	AW for Planting in 2012-13	60	4.65	0	0.39
	Creation (200 Plants/Ha.)	95	8.85	85	7.02
	Maintenance - 1st year	61	1.64	23	0.98
	Maintenance - 2nd year	148	2.26	106	1.40
	Maintenance - 3rd year	61	0.77	31	0.34
	Sub-Total	520	25.91	304	17.06
4	Bamboo Plantation				
	Admissible Rate:				
	AW for Planting in 2011-12	94	6.05	60	5.85
	AW for Planting in 2012-13	40	2.41	20	2.05
	Creation (200 Plants/Ha.)	94	6.92	94	6.41
	Maintenance - 1st year	140	3.32	85	1.91
	Maintenance - 2nd year	249	3.39	127	1.33
	Maintenance - 3rd year	167	1.62	120	1.17
	Sub-Total	784	23.71	506	18.72

SI.No.	Component	Targets		Achievement	
		Phy	Fin	Phy	Fin
5	Mixwd Plantation				
	Admissible Rate:				
	AW for Planting in 2011-12	177	23.48	125	14.49
	AW for Planting in 2012-13	40	2.51	30	3.79
	Creation (200 Plants/Ha.)	177	26.83	178	26.71
	Maintenance - 1st year	122	5.56	74	3.79
	Maintenance - 2nd year	546	14.10	452	10.68
	Maintenance - 3rd year	249	5.66	207	4.51
	Sub-Total	1311	78.14	1066	63.97
6	Pennial Herbs & Shrubs				
	Admissible Rate:				
	Adv Works	17	2.68	7	0.92
	Creation (200 Plants/Ha.)	7	1.20	7	1.20
	Maintenance - 1st year	7	0.36	6	0.36
	Maintenance - 2nd year	62	1.60	59	0.92
	Maintenance - 3rd year	5	0.13	2	0.05
	Sub-Total	98	5.97	81	3.45
	Total-I	29165	1335.05	21728	969.15
7	SMC (15%)	0	200.66	0	125.85
8	Fencing (5%)	0	66.89	0	23.23
9	M & E (2%)	0	26.76	0	3.82
10	Mocroplanning (2%)	0	26.76	0	5.36
11	Awareness (1%)	0	13.38	0	6.25
12	Overhead (10%)	0	133.79	0	103.41
13	EPA (4000/ha.)	0	90.16	0	51.97
14	Trg. & Capacity Bldg.	0	21.14	0	10.66
15	Value Add. Of Mkt of FP	0	11.00	0	2.73
16	Treatment on problem land	0	14.58	0	3.93
17	Use of improve tech	0	23.40	0	15.93
18	Committed Liabilities	0	0	0	1.90
	Total-II	0	628.52	0	355.04
	Grand Total	29165	1963.57	21728	1324.19

11.3 – Exhibitions:

The Department has bagged the following awards / prices during the year 2011-12 for the publicity works implemented

1. 2011 August 15th Independence Day Tableaux – 2nd Prize
2. 2012 January 26th Republic Day Tableaux – 2nd Prize

11.4 – Vanamahotsava:

The 62nd Vanamahotsava 2011 was celebrated on 09-07-2011. The slogan for this year Vanamahotsava was “Twenty Lakhs Trees Plantation in a single day”. At Hyderabad the programme was launched by Hon’ble Chief Minister of Andhra Pradesh Sri N. Kiran Kumar Reddy, at Madepalli Village in Ranga Reddy District. The Hon’ble Minister for Forests, Hon’ble Home Minister for Andhra Pradesh and other dignitaries attended the tree planting programme.

Vanamahostava celebrations were simultaneously conducted at all the District Head Quarters, through out the state, on 09th July 2011. The participants in the Vanamahostava Programme included the elected people representatives, VSS members, NGOs, School and College Students, Government Officials and General Public. The Forest Department had made elaborate arrangement for taking-up planting of Two Million Trees on a single day. As against the target of planting 20 lakhs saplings on the day, total 21.12 lakhs saplings were planted in 534 locations through out the State.

Monitoring of performance of these seedlings is being done through remote sensing GIS.

11.5 – Vanyaprani Sapthaha:

Andhra Pradesh Forest Department conducts the Vanyaprani Saptaha Celebrations every year. The 57th Vanyaprani Saptaha State Level Celebrations were conducted on 24-10-2011 under the Chairmanship of Prl. Chief Conservator of Forests & Chief Wildlife Warden, A.P., Hyderabad, Smt. Galla Aruna Kumari, Hon’ble Minister for Mines & Geology, Govt. of A.P., was Presided the function as President and Sri. Satrucherla Vijaya Rama Raju, Hon’ble Minister for Environment Forests, Science & Technology, Govt. of A.P., attended as Chief Guest at Sri Venkateshwara Zoological Parks, Tirupathi and (517) Students attended the programme from (36) Educational Institutions. The main objective of the programme is to spread the message of “NATURE AND WILDLIFE CONSERVATION’.

Conducted the competitions on Painting, Essay Writing and Elocution, further distributed the Prizes along with Certificates to the winners. For the above programme an amount of Rs.2.50 lakhs has been spent.

Released the Mouse Deer Poster in memory of 57th Vanyaprani Saptaha Celebrations.

11.6 – DIVERSION OF FOREST AREA AND COMPENSATORY AFFORESTATION

DIVERSION OF FOREST AREA AND COMPENSATORY AFFORESTATION UNDER FOREST CONSERVATION ACT - 1980 OF ANDHRA PRADESH AS ON 31-03-2012

Sl. No	Name of the Circle	Forest area diverted in Ha.	C.A. Stipulation in Ha.			Addl C.A., Penal C.A. & Safety Zone	Financial amount required to be deposited by user agency (Rs in La.)
			In Forest Land	In Non Forest Land	Total (4+5)		
1	2	3	4	5	6	7	8
1	T. G. Project	10371.400	0	10400.000	10400.000	0	2904.370
2	Adilabad	5853.998	273.472	853.540	1127.012	1195.275	1165.309
3	Ananthapur	585.639	111.342	1715.876	1827.218	391.960	2419.66
4	Guntur	1425.975	1639.342	1803.301	3442.643	119.528	1374.522
5	Hyderabad	810.063	44.530	1395.237	1439.767	18.576	806.155
6	Khammam	10534.456	1743.570	1731.368	3474.938	290.421	1910.105
7	Kurnool	1898.721	797.520	1515.806	2313.326	50.190	1712.801
8	Nizamabad	145.242	72.775	62.810	135.585	22.600	173.793
9	Rajahmundry	2158.271	455.567	3444.754	3900.321	563.030	2599.591
10	Visakhapatnam	303.205	35.070	1348.860	1383.930	0.500	1654.973
11	Warangal	2560.400	576.815	578.710	1155.525	172.036	247.271
12	FDPT Srisailam	847.470	7.760	980.305	988.065	0	272.372
13	WLM Tirupathi	496.777	139.865	1037.278	1177.143	144.005	870.066
14	WLM-Hyderabad	128.530	0	0	0	0	0
Grand Total		38120.147	5897.628	26867.845	32765.473	2968.121	18110.988

Sl. No	Implementation of stipulation				Amount spent till the end of reporting quarter (Rs in Lakhs)	Balance area to be afforested in Ha.		
	Fund made available by user agency (Rs in La.)	Area afforested in Ha.				On Forest Land	On Non-Forest land	Total (14+15)
1	9	10	11	12	13	14	15	16
1	2822.100	0	10400.000	10400.000	2914.780	0	0	0
2	1171.534	1390.447	762.200	2152.647	911.938	79.000	155.00	234.000
3	2419.660	360.377	774.296	1134.673	436.965	142.929	941.580	1084.509
4	1371.522	1822.040	1136.458	2958.498	648.897	3.930	669.603	673.533
5	800.778	60.616	1176.379	1236.995	511.186	2.490	218.858	221.348
6	1898.105	2445.721	689.498	3135.219	1257.945	433.010	197.130	630.140
7	1712.801	787.210	1254.416	2041.626	764.726	60.500	261.390	321.890
8	173.793	71.210	33.150	104.360	56.745	41.511	17.660	59.171
9	2599.591	936.477	546.324	1482.801	461.813	48.530	2908.540	2957.070
10	1654.973	35.570	135.200	170.770	102.241	0	1213.660	1213.660
11	193.158	48.300	473.025	521.325	94.939	497.636	308.600	806.236
12	272.372	7.760	776.740	784.500	178.883	0	203.565	203.565
-13	871.166	357.045	670.980	1028.025	675.371	53.970	259.878	313.848
14	0	0	0	0	0	0	0	0
Grand Total	17961.553	8322.773	18828.666	27151.439	9016.429	1363.506	7355.464	8718.970

11.7 – FOREST SPORTS MEET:

19th All India Forest Sports Meet held from 16nd to 20th December 2011 at Dehradun hosted by the Uttarakhand Forest Department, Government of Uttarakhand.

The Games were held in Dehradun with about 36 States with more than 2500 participants from across India. These Games have been instituted to promote physical fitness of the officers and officials as also foster a spirit of camaraderie and brotherhood in the various Forest services of the nation.

Participants from 36 States competed in Athletics, Badminton, Table Tennis, Tennis, Shooting, Carom, Billiards, Snooker, Chess, Bridge, Soccer, Hockey, Swimming, Weight Lifting, Power Lifting, Golf, Cricket, Volley Ball, Basket Ball etc.

Among the States participated, Andhra Pradesh bagged 14 Medals, 1 Gold, 7 Silver, 6 Bronze Medals & 5th position in 5 games. Under the Chairmanship of Sri P.A.V. Uday Bhaskar, IFS – Addl. Prl. Chief Conservator of Forests, Budget.

11.8 – GEOMATICS CENTRE:

1. Introduction:

- ❖ The Andhra Pradesh Forest Department has taken initiatives to make use of modern tools of Geomatics, as envisaged in National Forest Policy 1988, in aiding the planning & decision making process and also effective monitoring & evaluation and is ahead of all other states in use of Geomatics Technology.
- ❖ Geomatics Centre was started in Andhra Pradesh Forest Department during the year 1994 under the World Bank assisted programme. The centre has started working with simple Hardware, Software and data in Aranya Bhavan, O/o PCCF, Andhra Pradesh, Hyderabad. It has acquired latest Hardware and Software in due course of time.
- ❖ The core Geomatics activities are handled by the Geomatics Centre at Aranya Bhavan, Hyderabad and it is supported by (6) RGCs located at Adilabad, Kurnool, Rajahmundry, Tirupati, Vizag and Tirupati.
- ❖ The Geomatics Centre at Aranya Bhavan is headed by APCCF (IT) and supported by (1) APCCF (GIS), (1) CF (MIS), (4) ACFs, who are assisted by (6) FROs, (30) Project Scientists hired on contractual basis to carry out day-to-day activities.
- ❖ Geomatics Centre has started its activities with modest beginning and revolutionized the use of Geomatics Technology in Forestry, Wildlife and Ecology.
 - Started creation of database on 1:250K Scale initially & later at 1:50K Scale. Now it is planned to develop the database on 1:10K.
 - Vegetation Mapping using Remote Sensing data was started in 1996 & in a big way since 1998. Vegetation cover change monitoring is done annually.

- With gaining expertise in the technology, and using sophisticated RS Data, Software like ERDAS, Leica Photogrammetric Suite, ArcGIS, etc, equipment like GPS / DGPS, etc, Geomatics Centre has completed many Projects with in the Department & also rendered services to other Departments of Andhra Pradesh as well as to other States.
 - It also imparts trainings in the field of Geomatics to the Officers of Department and Sister Departments of State and other States of India.
 - APFD is the first Forest Department in India to use the Cartosat stereo-pair data for estimation of Trees outside Forests, ascertaining genuineness of RoFR claims and preparation of Working Plan inputs etc.
- ❖ IT wing had started development of a modular based web-enabled APFMIS including various modules like Offence, TOF, Beedileaf, Sawmill, TOF, Vegetation Cover Monitoring, 63rd Vana Mahotsava, CAMPA, HRM, Nursery Monitoring, Plantation Monitoring etc.

2. Major Activities

1. Creation of Spatial (Geographic) database on various scales
2. Vegetation Cover Mapping and Monitoring
3. Providing inputs for planning at various levels
4. Monitoring and evaluation of various projects and schemes
5. Developing Decision Support System
6. Dissemination of information online
7. Training to forest department and sister department officials of AP and other States
8. Support to State and Central government organizations
9. Forest Inventory and Analysis
10. Research and Development in Geomatics
11. Survey and verification of notified Forest Boundery using DGPS.
12. DGPS survey of FCA areas.
13. Providing assistance in implementation of RoFR Act
14. Enumeration of Trees outside the Forests
15. Developing web-enabled Forest Management Information System.

3. Projects completed with in the Department:

1. Creation of Geo-Spatial database at various scales.
2. Vegetation Cover mapping and monitoring using IRS P6 LISS III Data 2007 & 2008 and 2008-2009, 2009 & 2010.
3. Forest Inventory and generation of Andhra Pradesh Forest Inventory 2010.
4. Generation of State of Forest Report 2010, 2011.

5. Forest Fire Risk Zonation and mapping for entire State.
6. Wildlife Habitat mapping and Bio-Diversity characterization for one District.
7. Selection of suitable sites for Eco-Tourism.
8. Andhra Pradesh Hazard mitigation Project for entire Coastal area of A.P.
9. Selection of suitable sites for raising plantations.
10. Micro level Watershed Planning using DGPS for selected watersheds like KBR Park, Chilkur Park, Dulapally RF etc.
11. Site suitability for construction of Water Harvesting Structures for entire State.
12. Development of stand-alone Forest Management Information System.
13. Development of FMIS modules – Offence, TOF, Beedleaf, Sawmill, TOF, Vegetation Cover Monitoring, 62nd and 63rd Vana Mahotsava, CAMPA, Nursery Monitoring, Plantation Monitoring etc.
14. Change detection Analysis and monitoring of Kolleru Lake.
15. Impact assessment of 20 VSS.
16. Online Nursery Information System.
17. Mapping of High Tide Line for analysis of Plantations falling within HTL and its 50 m buffer.
18. Estimation of Trees outside Forests – Pilot Project for Adilabad District – Interpretation, Map Composition and Printing, Sampling Design and Field Manual preparation, Inventory were completed. Report is under publication. This year 3 districts are taken up.
19. DGPS Survey of Forest Blocks in Karimnagar Division on pilot basis as suggested by National Commission on Forestry. This year proposed to take up in 5 divisions.
20. Implementation of PDA based Wildlife Monitoring.

4. Projects with in the Department – Ongoing:

1. Vegetation Cover Mapping – using IRS P6 LISS III Data 2010 & 2011.
2. Generation of State of Forest Report for A.P. 2012.
3. DGPS Survey of FCA Areas for entire State.
4. Bundle adjustment and Ortho-rectification of Cartosat Stereo-pair, Generation of DEM and contours at 5 m interval.
5. Verification of areas claimed under RoFR Act 2006 using Cartosat 1 Data.
6. Updation of existing geospatial data at 1:10000 scale including conversion of geospatial data into WGS84 datum.
7. Preparation of WP inputs for divisions using high resolution cartosat stereo-pair data and LISS IV data
8. Web GIS and Customization of ArcGIS Server.
9. Development of FMIS modules – Forest Fire, Nursery, Plantation, Wildlife, Watershed, WP, Offences, CAMPA, HRM etc.
10. Refinement of WHS and fire risk zonation layers.

5. Projects done for other Departments:

1. Irrigation Department: Command Area mapping for Godavari Valley.
2. APSEB: Site Clearance / Alternate paths for Power lines.
3. CEC of Supreme Court of India: Change Detection Analysis for Hussain Sagar.
4. RWS: Drinking water pipeline layout for Gangadhara, Karimnagar District.
5. APTDC: Planning for Night Safari Park, Kothaguda, Hyderabad.
6. HUDA: Mapping of Urban (Hyderabad) Lakes.
7. MS Foundation: Mangrove Area Mapping.

6. Other IT Related Activities:

1. Development and Maintenance of APFD Website – for providing information online on guidelines, various activities etc.
2. Maintenance of e-Mail Service.
3. Biometric Attendance System for monitoring the attendance.
4. Procurement of IT Equipment and Software
 - Cell phones, Personal Digital Assistants, Computers and Printers, Plotters, GPS / DGPS, LCD Projectors, Digital Cameras etc.,
 - GIS Software – ArcGIS, ERDAS, LPS etc.,
 - Other Software and Accessories

7. Possible Activities in Future:

1. Near REAL – TIME Vegetation Cover Monitoring.
2. Plantation Monitoring by High Resolution Remote Sensing data.
3. Survey of All Notified Forest Blocks for remaining divisions using DGPS.
4. Preparation of RoFR Act 2006 Layer & verification of areas claimed under RoFR Act 2006 using Cartosat 1 Data.
5. Inventory of NTFP & Timber Resources and Solid Carbon once in 5 – 10 years.
6. Development of mobile application for online collection and dissemination of data.
7. Monitoring of Forest Fires and Groundwater levels.
8. Generation of new vegetation indices for State of A.P.
9. Archiving training sets of different years data for change detection studies.

8. Awards and Rewards:

- a. **Forest Fire Risk Zonation Mapping** is a unique Project carried out by IT wing of the department only in A.P in the entire country using the latest technology. In this Project Forest areas are categorized into different zones basing on their vulnerability to fire damage. These maps are of immense utility to all the forest staff in adopting the counter fire measures and also take preventive measures like creation of firelines, erection of watch towers etc and also for judicious distribution of available budget. This work has been awarded with “**SILVER**

ICON” by Department of Administrative Reforms and Public Grievances, Personal, Public Grievances and Pensions, Government of India, for the 2004 under the category “Trail Blazing Application”. This work is being proposed for refinement using MODIS and other ancillary data.

- b. **Site suitability for Water Harvesting Structures:** IT wing of this department has carried out Site Suitability Analysis for construction of Water Harvesting Structures for all the forest areas using various spatial and non-spatial data which were very helpful in locating and executing proper SMC structures at proper places without any bias; thereby saving the huge amount of time in locating suitable sites using conventional techniques. This project was adjudged the best IT project by Department of Administrative Reforms and Public Grievances, Ministry of Personal, Public Grievances and Pensions, Government of India, for the year 2005 and awarded “Golden Icon” under the category “Innovative Operations and Best Practices”.
- c. The Department had been awarded with “**Award of Appreciation**” by CSI-Nihilent during 2011 under Departmental category for the IC & T initiative in the department.
- d. The Core Officers are awarded with Hon’ble CM of **A.P Uttam Samarakshana Pathakam** and other incentives to sustain the interest.

11.9 – MAHATMA GANDHI NATIONAL RURAL EMPLOYMENT GUARANTEE SCHEME (MGNREGS):

Forest Department is participating in implementation of MGNREGS and taking up forestry operation in the Reserved Forest areas and outside. Government of Andhra Pradesh had issued a G.O.Ms.No.385/PR&RD (RD-II) Dept., Dt:14-10-2008 for taking up afforestation activities under MGNREGS.

Raising of Plantations and Soil & Moisture Conservation works are being taken up in the Vana Samrakshana Samities areas and other forest areas by the Territorial and Wildlife Mangement Divisions.

Raising of Nurseries, raising of Plantations in Public Institutions and Community lands, raising of Avenue Plantations, etc., are being taken up by the Social Forestry wing outside the Reserved Forest areas.

The process of implementation started in November 2009.

The Departmental computer centres were established in 67 Forest Divisions.

Decentralized nursery raising program was taken up under MGVN by the Forest Department for raising seedlings plants for the Rural Development Department for planting on the lands farmers. These nurseries were raised in all Territorial, Wildlife and Social Forestry Divisions. 8.15 Crore seedlings were raised under this programme for planting during 2012 planting season.

Annual works plan for 2011-12 was prepared with an estimated outlay of Rs.206.08 crores. As against this, the expenditure was incurred for Rs.151.55 Crores and 60.51 lakhs person days of wage employment was generated through the forestry works under MGNREGS during 2011-12.

The physical progress made during 2011-12 is as follows.

- | | | |
|---|---|--------------|
| a. Raising of Plantations | – | 1809.00 Ha. |
| b. Raising of Avenue Plantations | – | 915.00 Kms. |
| c. Number of Bag Plants raised in MGVN nurseirs | – | 8.15 Crores. |

11.10 – COMPENSATORY AFFORESTATION FUND MANAGEMENT AND PLANNING AUTHORITY (CAMPA):

Andhra Pradesh State having Forest Cover 23% of Geographical area of the country. Forests in India comprise of a number of diverse forest types and reserved areas designated as National Parks and Wildlife Sanctuaries.

Many development and industrial projects such as erection of dams, mining, and construction of industries or roads require diversion of forest land. Any project proponent, government or private must apply for forest clearance to the Ministry of Environment and Forests (MoEF), before this conversion of land can take place.

This proposal for conversion of forest land is to be submitted via the Forest Department of the State Government in question, and is heard by a Forest Advisory Committee, which then grants or rejects the clearance that is sought. If clearances are given, then compensation for the lost forest land is also to be decided by the ministry and the regulators. These amounts received towards Compensatory Afforestation (CA), Net Present Value (NPV), etc., are being deposited with Government of India and Compensatory Afforestation programmes being implemented in various states with each state having its own prescribed activities.

Due to certain discrepancies in the implementation of Compensatory Afforestation, some NGO's had approached the Hon'ble Supreme Court for relief. The Hon'ble Supreme Court in I.A. No.2143 in W.P.(C) No.202/95 on 10th July 2009 issued orders that there will be a Compensatory Afforestation Fund Management and Planning Authority (CAMPA) with a National Advisory Council under the chairmanship of the Union Ministry of Environment & Forests (MoEF) for monitoring, technical assistance and evaluation of Compensatory Afforestation activities in the country.

In pursuance of the Hon'ble Supreme Court's Orders dated:30-10-2002 in IA No. 566 in Writ Petition (Civil) No. 202 of 1995, the Government of India, Ministry of Environment & Forests, has constituted an authority to be known as Compensatory Afforestation Fund Management and Planning Authority (CAMPA), for conservation, protection, regeneration and management of existing natural forests and wildlife and its habitat including environmental services, Research, training and capacity building.

The Annual Plan of Operation (APO) is being prepared every year for implementing the A.P.CAMPA Scheme for protection of forests and wildlife. The A.P.State CAMPA is implemented in Andhra Pradesh from 2009-10 onwards.

The main components of APO of CAMPA are:

1. Compensatory Afforestation (CA) in compensatory areas
2. Natural Forest Management through treatments to the natural forest area and regeneration of degraded areas.
3. Forest & Wildlife Protection through establishment of base camps, strike forces, check posts to check the illicit smuggling and transportation of timber and poaching of wildlife.
4. Forest Fire Management to improve the growth of natural forests and improvement of habitat of wildlife.
5. Bio-Diversity Conservation.
6. Research and Development to get good quality seedlings.
7. Capacity Building by updating the skills and knowledge of the frontline staff.
8. Information and Communication Technology for monitoring the implementation and progress of the APO
9. Infrastructure Development and Maintenance to ensure the frontline staff stay in their head quarter and protect the forests and wildlife efficiently.

Achievements of 2011-12:

- ❖ APO – 2011-12 was approved for an outlay of Rs. 228.00 crores by the Executive Committee in its 3rd meeting held on 31.03.2011. The same was approved by the Steering Committee in its 3rd meeting held on 03.05.2011.
- ❖ The 4th Executive Committee revised APO 2011-12 to Rs.169.80 Crores
- ❖ An Amount of Rs.153.18 Crores is incurred as expenditure for 2011-12
- ❖ (202) Nos. Base Camps, (89) Strike Forces, (159) Check Posts, (11) Police Parties are established and maintained to assist the forest officials for protection of valuable forests in A.P.
- ❖ Under Natural Forest Management component an area of (4604) Hects. has been planted during 2011 season.
- ❖ Under Compensatory Afforestation component an area of (3824.35) Hects. has been planted during 2011 season.

A statement showing the Circle wise expenditure incurred under CAMPA for the year 2011-12.

**Statement showing the expenditure incurred under CAMPA for CA & NPV
for the year 2011-12**

(Rs. in Lakhs)

Sl. No.	Name of the Circle / Component	Expenditure incurred under CAMPA during 2011-12		
		CA	NPV	Total
1	Adilabad	56.936	1436.367	1493.303
2	Ananthapur	151.758	513.699	665.457
3	Guntur	69.404	1201.007	1270.411
4	Hyderabad	17.268	1914.949	1932.217
5	Khammam	308.567	1053.522	1362.089
6	Kurnool	119.518	866.931	986.449
7	Nizamabad	24.575	654.220	678.795
8	Rajahmundry	128.371	1018.428	1146.799
9	Visakapatnam	7.301	1017.962	1025.263
10	Warangal	0.749	754.756	755.505
11	WLM Tirupathi	117.742	902.291	1020.033
12	FDPT Srisailam	49.794	759.221	809.015
13	APFA Dulapally	0	508.734	508.734
14	R&D Hyderabad	0	509.139	509.139
15	WLM Hyderabad	0	284.727	284.727
16	AO, O/o PCCF (HoFF), Hyd.	0	82.511	82.511
17	Director, Zoo Parks, Hyderabad	0	411.518	411.518
18	WLM Eluru	0	243.429	243.429
19	Social Security Fund with PCCF's Office	0	200.000	200.000
20	IT&C through DFO Hyderabad	0	0	0
Total		1051.983	14333.411	15385.394

Component Wise Expenditure Under CA for the Year 2011-12 upto 31-03-2012

CA Component	Physical	Financial (Rs. In Lakhs)
Compensatory Afforestation (CA)	3424.35 Ha.	877.648
Additional CA / Penal CA	364.73 Ha.	111.678
Safety Zone	35.27 Ha.	52.371
Extraction of Tree Growth	11107 Nos	10.374
Total		1052.071

Component Wise Expenditure Under NPV for the Year 2011-12 upto 31-03-2012

NPV Component	Physical	Financial (Rs. In Lakhs)
Natural Forest Management	4604 Ha.	4286.415
Forest & Wildlife Protection		5405.566
Forest Fire Management		148.366
Biodiversity Conservation		2042.369
Eco-Tourism		59.757
Research & Development		456.663
Capacity Building		497.394
Information Technology & Communication		493.178
Infrastructure development & Maintenance		876.629
Total		14266.337

11.11 – SOCIAL FORESTRY:

The State Government has launched a massive People's movement involving General Public and farmers in a big way to increase Tree Cover outside the Reserve Forests to improve the Environment and to provide gainful employment to thousands of unemployed youth. These efforts were continued in the XI five year plan period also. Under Social Forestry programme, Public Distribution of seedlings, Raising of community land plantations/Avenue/ Shelter Belt Plantations and raising of Institutional Plantations have been done.

The species raised mainly are Neem, Pongamia, Ficus species like Raavi & Marri, Gangaraavi, Usiri (Amla), Seethaphal, Badam, Mango, Teak, Casuraina, Eucalyptus and others for public distribution and planting in public lands.

Species wise Tall and Very Tall seedlings raised by all agencies for the planting season 2011-12

(in thousands)

Name of the Species	Social Forestry	Territorial	Other Agencies	Total
Ravi	678.03	76.67	0.60	755.30
Marri	146.97	22.12	0	169.09
Neem	2488.33	105.57	8.10	2602.00
Peltophorum	1938.58	5.50	4.80	1948.88
Kanuga	6240.50	159.12	95.10	6494.72
Raintree	1797.55	18.70	5.00	1821.25
Badam	2251.92	19.22	0.00	2271.14
Devakanchanam	636.99	12.70	0.00	649.69
Panasa	1115.25	3.10	0.00	1118.35
Gulmohar	197.16	15.24	0.00	212.40
T.Maddi	348.79	51.10	7.50	407.39
Ponna	0.50	6.00	1.30	7.80
Seemabadam	0.00	56.70	0.00	56.70
Legastromia	1.80	0.60	0.00	2.40
Gangaravi	176.06	4.20	0.00	180.26
Kadamalli	0.60	0.00	0.00	0.60
Seemaruba	14.10	103.56	5.00	122.66
Bandaru	0.00	11.44	0.00	11.44
Rela	258.60	3.37	0.00	261.97
Neredu	2106.08	84.37	17.50	2207.95
Kadamba	460.90	1.40	0.00	462.30
Others	8095.19	3443.32	945.82	12484.33
Tall Seedlings Total:	28953.90	4204.00	1090.72	34248.62
Ravi	72.02	0.00	0.50	72.52
Marri	26.53	0.00	0.13	26.66
Neem	1835.51	0.00	0.00	1835.51
Others	18361.10	0.15	741.99	19103.24
Very Tall Seedlings Total:	20295.16	0.15	742.62	21037.93
All Total:	49249.06	4204.15	1833.34	55286.55

Seedlings and Plantations raised by Social Forestry divisions from 2007-08 to 2011-12

Year	Seedlings raised and distributed (in Lakhs)	Seedlings raised and utilized by Territorial Divisions (Planted in RFs in Lakhs)	Total Seedlings raised by Forest Department (in Lakhs)	Plantation raised by Social Forestry	
				Avenue (Kms)	Block (Hectare)
2007-08	748.600	243.150	991.750	643.700	588.103
2008-09	942.140	196.110	1138.250	421.890	356.075
2009-10	226.032	231.248	457.280	41.500	86.841
2010-11	306.691	104.929	411.620	887.000	619.000
2011-12	857.430	365.670	1223.100	923.830	342.110
Total	3080.893	1141.107	4222.000	2917.920	1992.129

Plantations Raised Under Social Forestry for the year 2011-12

Sl. No.	District Name	Physical Achievements (in ha.)
		2011-12
1	2	3
1	Adilabad	40.000
2	Ananthapur	18.000
3	Chittoor	88.000
4	East Godavari	118.000
5	Guntur	57.000
6	Kadapa	36.000
7	Karimnagar	50.000
8	Khammam	70.000
9	Krishna	44.000
10	Kurnool	210.000
11	Mahabubnagar	130.000
12	Medak	107.000
13	Nalgonda	109.000
14	Nellore	974.000
15	Nizamabad	26.000
16	Prakasham	45.000
17	Rangareddy	27.000
18	Srikakulam	70.000
19	Visakhapatnam	100.000
20	Vizianagaram	50.000
21	Warangal	5.000
22	West Godavari	64.000
Grand Total		2438.00

Plantation Raised by Social Forestry for the year 2011-12

(in Ha.)

Sl. No.	Name of the Scheme	2011-12
1	Social Forestry	1266.00
2	TGP	1172.00
Total		2438.00

11.12 – FOREST PRODUCTION:

The Departmental Extraction of Timber, Fuel and Pulp Wood, Faggot Wood, Long Bamboo and Bamboo Industrial Cuts (BIC) from natural forests as well as Plantations were introduced from the year 1976-77, after disbanding the existing Contractor System.

At present there is moratorium on extraction of timber from natural forests except for bamboo from the overlapping bamboo forests. The major activity comprises of harvesting timber and poles from matured plantations of Teak, Eucalyptus, Casuarinas etc. and long bamboos and BIC from the bamboo coupes as per the prescriptions of working plan of the respective Divisions. To implement this scheme the State Government makes budget provision and fixes the physical and financial targets every year.

The Departmental Extraction of Timber, Fuel and Pulp Wood, Faggot Wood, Long Bamboo and Bamboo Industrial Cuts (BIC) from natural forests as well as Plantations were introduced from the year 1976-77, after disbanding the existing Contractor System.

At present there is moratorium on extraction of timber from natural forests except for bamboo from the overlapping bamboo forests. The major activity comprises of harvesting timber and poles from matured plantations of Teak, Eucalyptus, Casuarinas etc. and long bamboos and BIC from the bamboo coupes as per the prescriptions of working plan of the respective Divisions. To implement this scheme the State Government makes budget provision and fixes the physical and financial targets every year.

Extraction of Bamboo:

a. Extraction of Long Bamboo:

(In Nos)

Name of the Circle	Long Bamboo	
	Physical Targets	Achievement
Adilabad	3050000	2292237
Guntur	2151700	1658450
Khammam	1470000	2075764
Kurnool	3057417	2021500
Rajahmundry	1571350	1540369
FDPT Srisailam	2225000	1228350
Visakhapatnam	1374000	1130487
Warangal	550000	392693
Total	15449467	12339850

b. Bamboo Industrial Cuts:

(In Nos)

Name of the Circle	BIC Bundles	
	Physical Targets	Achievement
Adilabad	295020	84107
Guntur	210000	50
Khammam	1011000	256026
Kurnool	345000	5100
Rajahmundry	1292750	323854
FDPT Srisailam	100000	0
Visakhapatnam	565000	443850
Total	3818770	1112987

c. The Physical Targets and Achievements of Departmental Extraction of Timber and Other Forest Produce (DET) 2011-12

Sl. No.	Name of the Species	Physical Targets 2011-12	Achievements 2011-12
1	Teak (Cmt)	15652.66	10594.50
2	Non-Teak (Cmt)	3486.08	1547.66
I	Timber Total (Cmt)	19138.74	12142.16
3	Casuarina (Cmt)	13938.00	355.00
4	Non-Teak (Cmt)	37287.00	15.42
5	Teak (Cmt)	5446.00	6335.00
6	Eucalyptus (Cmt)	7703.90	15893.00
II	Fuel - Total (Cmt)	64374.90	22598.45
7	Teak (Nos.)	31930	20173
8	Non-Teak (Nos.)	5531	3096
9	Eucalyptus (Nos.)	200	1170
III	Poles Total (Nos.)	37661	24439
10	Long Bamboo (Nos.)	15449467	12339850
11	Bamboo Industrial Cuts (Nos.)	3818770	1112987
IV	Bamboo Total (Nos.)	19268237	13452837

There are **(8) major wood** based industries in the state. But there is no supply of raw material from the Forest Department to the major wood based industries. Forests are looked as “**GREEN CAPITAL**” and they are no more valued as raw material resources for the industries. The industrial requirements are met from different sources like imported pulp, agricultural wastage and the plantations raised by farmer with buy-back arrangements. Hence no supply.

Forest Department is supplying Bamboo Industrial Cuts to the Paper Mills in Andhra Pradesh. During the Year 2011-12, the Approved Rate for supply of BIC to Paper Mills was **Rs.1050/- per MT.**

The net use, production capacity, type of raw material used and raw material assured to Forest Department in the state.

Major Wood Based Industries

Sl. No.	Name of Industry	Nature	Production Capacity Tonnes Per Annum (TPA)	Raw material	Supply (2011-12)
1	Andhra Pradesh Paper Mill, Rajahmundry	Paper	174500	Bamboo	1292750
2	Bhadrachalam Paper Mills Board Ltd.	Paper	300000	Bamboo	1011000
3	Sirpur Paper Mills, Kagaz Nagar	Paper	138300	Bamboo	295020
4	Sri Rayalaseema Paper Mills, Kurnool	Paper	42000	Bamboo	No Supply
5	Andhra Pradesh Rayon's Ltd. Eturunagaram, Warangal	Rayen Grade Pulp	26250	Hardwood Eucalyptus	No Supply
6	Navopal India Ltd., Patancheru	Particle Boards	19200	Hardwood	No Supply
7	Godavari Plywood Ltd., Rampachodavaram	Plywood	15.0 Lakh Sq.Mts (6000 Cum)	Non-Teak	No Supply
8	Hyderabad Plywood Ltd., Nacharam	Plywood	1.6 lakh Sq.K.M (640 Cum)	Timber Non-Teak	No Supply

11.13 – FOREST PROTECTION (VIGILANCE)

The following schemes intended for Forest Protection are being dealt in the Vigilance Wing.

1. Intensification of Forest Management
2. 12th Finance Commission
3. 13th Finance Commission
4. District Offices (Forest Protection)

1. Intensification of Forest Management Scheme:

- ❖ This is centrally sponsored scheme being implemented in the State since 2002-03. During 2002-03, the GOI provided 100% Central Assistance.
- ❖ From 2003-04 onwards the scheme is implemented with 75% Central Share and 25% Matching Share from the state. The objectives of the scheme are prevention and control of fire, Survey and Maintenance of boundaries, preparation of working plans, development of infrastructure and protection of forests.

During 2011-12:

During 2011-12 the Government of India vide F.No.3-1/2011-FPD, Ministry of E&F (FPD), New Delhi, Dated: 4-11-2011 have conveyed approval of Annual Work Programme for 2011-12 (75% Central Share of Rs.172.97 Lakhs + 25% State Share of Rs.57.65 Lakhs). The Budget release order has not received from State Government. Therefore, No expenditure could be incurred during 2011-12.

1. 13th Finance Commission Maintenance of Forests (Forest Protection):-

The Government of India communicated the allocation of Rs. (26864.00) Crores for Forestry Sector to Andhra Pradesh for (5) years commencing from 2010-11 to 2014-15.

DURING 2011-12 (REGULAR):

The Budget released for 2011-12 is Rs. (429.62) Lakhs. Out of this, an expenditure of Rs. (355.92) Lakhs was incurred.

DURING 2011-12 (REVALIDATED):

An amount of Rs. (185.89) Lakhs so far released and incurred of Rs. (177.95) Lakhs as expenditure.

2. District Offices (Forest Protection)

The Budget provided by the State Government under this Scheme is utilized mainly to meet the expenditure towards the items such as Salaries, Secret Service Fund, Motor Vehicle Maintenances, POL etc., mainly for Vigilance wing of Forest Department for effective protection of Forests.

DURING 2011-12:

The Budget provision for 2011-12 is Rs. (149.25) lakhs. Out of this an expenditure amount of Rs. (111.96) lakhs released and Rs.(127.41) Lakhs was incurred towards expenditure.

a . O.R. CASES

Sl. No.	Year	No. of Cases Booked	Value of Material (Rs. In Lakhs)	'C' Fees collected (Rs. In Lakhs)
1	2008-09	39364	844	1604
2	2009-10	27342	613	1985
3	2010-11	35138	822	2100
4	2011-12	35343	794	2137

* Source: PCCF Office Protection

b. U.D.O.R. CASES

Sl. No.	Year	No. of Cases Booked	Value of Material (Rs. In Lakhs)	No. of Vehicles Seized
1	2008-09	6556	1588	1981
2	2009-10	5214	1265	1430
3	2010-11	6516	1411	2092
4	2011-12	5569	1134	2377

* Source: PCCF Office Protection

c. RED SANDERS CASES

Sl. No.	Year	No. of Cases Booked	Qty in Tones	No. of Vehicles Seized	No. of persons arrested
1	2008-09	668	797	223	455
2	2009-10	880	922	384	650
3	2010-11	1373	1250	772	1591
4	2011-12	1546	1430	977	2651

* Source: PCCF Office Protection

11.14. ANDHRA PRADESH STATE BIO-DIVERSITY BOARD:

FORMATION:

The Andhra Pradesh State Biodiversity Board has been established under Section 22(1) of the Biological Diversity Act, 2002 vide G.O.Ms.No.68, EFS&T Department, Dated 11.5.2006 has notified in the Andhra Pradesh Gazette No.290, Dated May 20th 2006 as a follow-up action of International Convention of Biological Diversity and the Earth Summit held at Rio-De-Janeiro in 1992.

Pursuant to the notification of Biological Diversity Act, 2002 and Biological Diversity Rules 2004, the State Government have framed the Biodiversity Rules, 2009 for implementing and carrying out the Biological Diversity Act, 2002 in A.P. State vide G.O.Ms.No.70, EFS&T Dept, dated 21-08-2009.

OBJECTIVES:

- Conservation of Biological Diversity.
- Sustainable utilization of the Biological Diversity.
- Fair and equitable sharing of usufructs of Biological Resources among all Stakeholders

FUNCTIONS OF BIO-DIVERSITY BOARD:

1. Advise the State Government subject to any guidelines issued by the central Government on matters relating to conservation of biodiversity, sustainable use of its components and equitable sharing of the benefits arising out of the utilization of biological resources.
2. Regulate by granting of approvals or otherwise, requests for commercial utilization or biodiversity and bio utilization of any biological resource by Indians.
3. Perform such other functions as may be necessary to carry out the provisions of this Act or as may be prescribed by the State Government.

ACTIVITIES:

The Andhra Pradesh State Biodiversity Board has formed Expert Committees to give suggestions on various issues where in decisions are to be taken by the Board (Rule 12) Expert Committees formed on following subjects.

1. Agri-Biodiversity
2. Animal and Fish Biodiversity
3. Wildlife Conservation and Protection
4. Traditional knowledge associated with Medicinal Plants, Conservation and Bio-prospecting
5. Legal matters relating to IPR
6. Awareness and Capacity Building
7. Declaration of Biological Heritage Sites

BIO-DIVERSITY MANAGEMENT COMMITTEES:

- The Biological Diversity Act, 2002 and Biological Diversity Rules, 2004 and A.P. State Biological Diversity Rules 2009 direct the implementation of the provisions through local bodies in the State of Andhra Pradesh.
- As per sec 41 of the Act, every Local Body shall constitute Biodiversity Management Committee (BMC) with in its area for
 - Promoting conservation biological diversity
 - Sustainable use of biological diversity
 - Documentation of biological diversity & Habitat (PBR)
 - Conservation of land races
 - Folk varieties and cultivation.
 - Domesticated stocks & breeds of animals & microorganisms
 - Chronicling of knowledge relating to biodiversity.
- In order to make the local bio-diversity monitoring committee function effectively at Panchayats, Municipal/Mandal on Zilla Parishad level, the Biodiversity Board proposed to take capacity building exercises through already established HR institutes of Andhra Pradesh to bring about a change in attitude, knowledge and skill of all the stake holders through website, newsletters, workshops and training programme.
- Biodiversity Board also contemplates “*Peoples Bio-Diversity Registers*” at the local body level and it is proposed to empower the stake holders to prepare Peoples Bio-Diversity Registers in a participatory method such as PRA and other established techniques.

- As per Rule.22 of A.P State Biodiversity Rule, 2009, Biodiversity Management Committees are to be constituted at *Zilla Parishad Level, Mandal Parishad Level, Gram Panchayat Level and Municipality & Municipal Corporation Level.*

The BMCs should have seven persons among the following:

- Local naturalists;
 - Herbalist;
 - Agriculturist;
 - NTFP collector / traders
 - Fisher – Folk;
 - Representatives of user associations;
 - Community workers;
 - Academicians
 - VSS member;
 - SC / ST as per the % in the district;
 - All from local village in limits of voter list.
- There are (23000) local bodies in the State of Andhra Pradesh and it is expected to form BMCs in these many local bodies, local body includes Grampanchayat, Mandal Parishad, Zilla Parishad, Municipal Corporation.
 - Each BMC requires to establish its office and should have experts on their panel
 - BMC has to prepare People Biodiversity Register (PBR)
 - Since formation of Biodiversity Board has received the information about formation of (218) BMCs in the State as on 30.09.2012

HERITAGE SITES:

- As per the Biological Diversity Act 2002 with the consultation of the local bodies areas of the Board shall in consultation with the local bodies and other key stakeholders, take necessary steps to facilitate setting up of areas of significant biodiversity values as Heritage Sites. Following recommendation from the Board after consultation with the Central Government, the State Government shall issue notification to this effect.
- The Veerapuram Gram Panchayat of Ananthapur has submitted a resolution requesting for declaring Veerapuram, an area of Biodiversity importance, under sec.37 (1) of Biological Diversity Act 2002, to enable the State Government to notify in the official gazette as Biodiversity Heritage Site since this is site where Migratory Birds come into flock of hundreds, and the villagers take it as a God's gift and protect the birds with full devotion. Accordingly the A.P. State Biodiversity Board advised the Government to declare Veerapuram as Biological Heritage Site, for Migratory Birds (Painted Stork) which is over stretch of one kilometer from Veerapuram and also for conservation of tanks present in and around area the as feeding zone for Pelicans on the proposal of Biodiversity Board the Government have requested to examine the issue for framing Rules draft rules are submitted to the Government.

- Apart from this, the Boards has submitted proposals for declaration of Thimmamma Marrimanu (Gutibayalu, Ananthapur District) as Biological Heritage Site in the State of Andhra Pradesh vide reference No.49/APSBDB/Heritage Sites/2008 dated 25.01.2012. Government decision is awaited.
- The following proposals are under consideration
 1. Zaheerabad (Medak) Agro Biological Heritage Site, proposals send to NBA. Ref.No.218/APSBDB/Agri-Biodiversity-BMC/2011,dt:18/08/2011
 2. Tirumala Hills (Chittoor) Biological Heritage Site
 3. Talakona Medicinal Plants Conservation Area (Chittoor)
 4. Srisailam (Kurnool) Biological Heritage Site
- Biodiversity Board has issued (15) number of No Objection certificate for use of biological resources applied with National Biodiversity Authority (NBA) after the consent of the Biodiversity Management Committees (BMCs) as required under Section of 41 (2).
- Biodiversity Management Committee, Amarchinta has entered in agreement with the third party with benefit sharing mechanism.
- Biodiversity Board has recognized services of individuals and organizations for conserving the Biodiversity.
- Biodiversity Board has conducted awareness programmes and trainings with the help of NGOs and Government Departments.
- The Board has conducted national level workshop on bio piracy during 2008.
- Identified and submitted list of threatened species of flora and fauna to the Government/NBA.
- A.P. State Biodiversity Board has translated Biological Diversity Act 2002, Biological Diversity Rules 2004, A.P. State Biological Diversity Rules 2009 in Telugu (regional language) and printed copies in English and distributed.
- Proposals were submitted to the Government about guidelines of Andhra Pradesh Management and Conservation of Biological Heritage Sites Rules 2011.
- Proposals submitted to the Government the rules formation of financial and administrative guidelines of BMCs.

BIODIVERSITY PARKS:

- Ex-situ Conservation initiatives; Biodiversity Park established by Dolphin Conservation society in Visakhapatnam recognized as first ex-situ biodiversity park of A.P.
- On the initiation and active participation of the Chairman of Biodiversity Board, a Biodiversity Park has been established at Acharya N.G. Ranga Agriculture University Rajendra Nagar Hyderabad. Different species have been planted on the occasion of Vanamahostava on 16th July 2010.

BIO- PIRACY:

- The Board proposed prevention of Bio piracy through the capacity building, initiatives of grass root level staff of the line departments, empowering the self help groups and biodiversity management committees for reporting and preventing Bio piracy and establishment of Bio piracy squads as striking force to combat Bio piracy.
- Bio piracy is controlled by apprehending and producing the culprits before the Court of Law. Staff of Forest Department is doing commendable work in this matter. The following species are involved in Bio piracy.
 - *Red Sand Boa (Snake);*
 - *Star tortoise;*
 - *Tarantula (Spider)*
 - *Red Sander*
- The A. P. State Biodiversity Board has made an attempt to assess the quantity of biological resources being utilized by various biological resources utilization agencies such as Herbal Units, Seed Industries and other Bio-Technological Companies of Andhra Pradesh and were requested to submit the details in Form-I of the Biological Diversity Act, 2002.
- Besides these activities, numerous capacity building activities in the form of brain storming session, T.V. Programmes, Paper Statements, Radio talks, training workshops and conferences have been organized by the Board to sensitize stakeholders in matters pertaining to biodiversity and its conservation.

ACCESS BENEFITS SHARING:

- A case of access and benefit sharing of biological resources namely leaves of 'neem' to a local company exporting 'neem' leaves has been initiated. Biodiversity Management Committee Amarachinta, Mahaboobnagar Dist. Andhra Pradesh has been sensitized to 'access to benefit sharing' mechanism

BIO-DIVERSITY DAY:

- The A.P. State Biodiversity Board is conducting International Day of Biodiversity 22nd on May of every year since formation of the Board.

RARE AND ENDANGERED SPECIES:

- The Sec.38 enables A.P. Biodiversity Board has prepared list of species from plants, animals, birds, fishes and submitted to the Government to declare it as threatened species.

NATIONAL AGRICULTURE INNOVATIVE PROJECT (NAIP):

- Indian Council of Agriculture Research (ICAR) has sanctioned a National Agricultural Innovative Project (NAIP) titled *“Harmonizing Biodiversity Conservation and Agricultural Intensification through integration of Plant, Animal and fish genetic resources for livelihood security in fragile ecosystem”* for implementation in Adilabad District.
- The Member Secretary, AP State Biodiversity Board is Co- Principal Investigator (CoPI) for the project. The Project is sanctioned for (3) Mandals i.e. Bheemini, Khanapur & Kerimeri of Adilabad District for (15) villages.
- The Project period is four years commencing from 2009-10. An amount of Rs. (99.02) Lakhs has been sanctioned for the period for 4 years. Under the project two Senior Research Fellows (SRFs) (1.Dr.Shilpi Bharadwaj, 2. Sri.G.Sailu) are working in this project.
- Under the project in (20) villages of (4) Mandals, (1000) Villagers are selected as beneficiaries. They have been benefited improve their livelihood, through raising fish in the fish pond where fish seeds were provided free. Forgotten species of fishes were grown in the nursery to increase the Biodiversity of fishes in the district. Beneficiaries are also benefited through improvement of animals breed, and continuous health management of the animals through vaccination, supplementary nutrition, minerals etc., to increase the production of milk and to have healthy cattle.
- They are also provided with integrated fish farming such as integration of fish production with paddy, with poultry etc. Beneficiaries are also benefited with Vermi-compost Production and villagers of Pembi are benefited with Rs.6000/- within the month.

UNEP – GEF PROJECT:

- Biodiversity Board has been sanctioned a UNEP – GEF Project for implementation Biodiversity Act 2002 with special emphases on access and benefit sharing. The project is being implemented from this year 2012, yet to be fully operational.

STATEMENT PART – II

ANNUAL ADMINISTRATION REPORT

2011-12

RETURN NO. 1
AREA OF RESERVED FORESTS RESERVED LAND AND UNNOTIFIED FORESTS DURING 2011-12

SI.No	Name of the Circle	Area of Reserved Forests as on 31.3 .2012 (Sq Km)	Area of Reserved Land as on 31.3.2012 (Sq Km)	Total Area as on 31.3 .2012 (Sq Km) (3+4)	Area of unnotified Forest Land (Sq Km)	Grand Total (Col. 5+6) (Sq Km)
1	2	3	4	5	6	7
1	Adilabad	8059.351	1309.450	9368.801	231.520	9600.321
2	Nizamabad	1692.462	1127.259	2819.721	0.120	2819.841
3	Hyderabad	1262.394	334.860	1597.254	148.516	1745.770
4	Warangal	6625.110	890.204	7515.314	71.752	7587.066
5	Khammam	7071.703	492.208	7563.911	384.384	7948.295
6	Visakhapatnam	3716.834	2718.975	6435.809	150.914	6586.723
7	Rajahmundry	3881.989	394.971	4276.960	132.019	4408.979
8	Guntur	6130.205	0	6130.205	54.832	6185.037
9	Kurnool	5531.802	65.127	5596.929	36.733	5633.662
10	Ananthapur	4605.241	0.157	4605.398	29.894	4635.292
11	WLM Tirupathi	3524.105	1085.728	4609.833	59.108	4668.941
12	WLM Hyderabad	12.715	0	12.715	8.460	21.175
13	WLM Eluru	1114.080	516.370	1630.450	121.470	1751.920
14	FDPT Srisailam	12697.816	0	12697.816	39.157	12736.973
15	Director Zoological Parks	11.840	0	11.840	0	11.840
	TOTAL	65937.647	8935.309	74872.956	1468.879	76341.835

RETURN NO. 2
BOUNDARIES OF RESERVED FORESTS DURING 2011-12

Sl. No.	Name of the Circle	Length of the boundary line at the beginning of the year (in Kms)	Length of the boundary line newly demarcated during the year (in Kms)	Total length of the boundary line at the end of year (in Kms) (3+4)	Length maintained during the Year (in Kms)	Total expenditure in respect of works maintained in col No.4 & 6 including construction of new boundary line (Rs in lakhs)
1	2	3	4	5	6	7
1	Adilabad	10052.780	0	10052.780	0	0
2	Nizamabad	5265.400	102.040	5367.440	181.010	19.810
3	Hyderabad	4294.410	0	4294.410	0	0
4	Warangal	5426.380	0	5426.380	0	0
5	Khammam	6460.163	7.705	6467.868	19.058	2.347
6	Visakhapatnam	8203.460	26.400	8229.860	0	9.880
7	Rajahmundry	4032.525	0	4032.525	0	0
8	Guntur	4215.924	0	4215.924	13.840	4.000
9	Kurnool	4186.820	0	4186.820	14.145	22.792
10	Ananthapur	5150.640	0	5150.640	6.180	16.815
11	WLM Tirupathi	3031.532	105.000	3136.532	0	0
12	WLM Hyderabad	74.630	0	74.630	55.500	167.828
13	WLM Eluru	427.550	0	427.550	0	0
14	FDPT Srisailam	2854.850	0	2854.850	0	0
15	Director Zoological Parks	42.550	0	42.550	0	0
	Total	63719.614	241.145	63960.759	289.733	243.472

RETURN NO. 3
OUT TURN OF TIMBER FROM COUPES (UNITS) BY THE CONTRACTORS AGENCY DURING 2011-12

SI.No.	Name of the Circle	No coupes (units) sold during the year	Area worked in ha	Bid amount in lakhs of Rs.	Produce Removed.			
					Timber (in cubic mtrs)	Firewood (in MTs)	Charcoal (in MTs)	Bamboo (in MTs)
1	2	3	4	5	6	7	8	9

Note: The Timber trade is Nationalised. The contractors agency is eliminated after the Nationalisation of timber trade in place of contractors agency the Departmental Extraction was started. Hence the Proforma / Return is not relevant due to the changed policy of the Government.

RETURN NO. 4(a)
Out turn of Timber from coupes (Units) by the Departmental Agency during 2011-12

Sl. No.	Name of the Circle	No of coupes (Units) worked	Area worked in Ha.	Total revenue realised in Rs. Lakhs	Timber (in cum)	Firewood (in Tonnes)	Charcoal (in Tonnes)
1	2	3	4	5	6	7	8
1	Adilabad	0	0	0	0	0	0
2	Nizamabad	0	0	0	0	0	0
3	Hyderabad	0	0	0	0	0	0
4	Warangal	0	0	0	0	0	0
5	Khammam	1	10.500	126.136	96.910	0	0
6	Visakhapatnam	17	201.820	910.996	1800.915	30.000	0
7	Rajahmundry	0	0	0	0	0	0
8	Guntur	0	0	0	0	0	0
9	Kurnool	0	0	0	0	0	0
10	Ananthapur	0	0	0	0	0	0
11	WLM Tirupathi	0	0	0	0	0	0
12	WLM Hyderabad	0	0	0	0	0	0
13	WLM Eluru	0	0	0	0	0	0
14	FDPT Srisailam	0	0	25.471	96.966	0	0
	TOTAL	18	212.320	1062.603	1994.791	30.000	0

RETURN NO. 4 (b)
Out turn of Bamboo from coupes (Units) in Departmental Agency during 2011-12

Sl. No.	Name of the Circle	No of coupes (Units) worked	Area worked in Ha.	Total revenue realised in Rs. Lakhs	Bamboo (in MTs.)
1	2	3	4	5	6
1	Adilabad	17	40697.000	265.646	7127.896
2	Nizamabad	0	0	0	0
3	Hyderabad	0	0	0	0
4	Warangal	2	3395.740	18.880	486.880
5	Khammam	21	43678.990	432.002	6000.567
6	Visakhapatnam	44	87642.870	312.999	6913.365
7	Rajahmundry	49	71028.630	183.440	3850.923
8	Guntur	10	3116.000	183.693	5528.160
9	Kurnool	12	4546.000	239.012	6501.750
10	Ananthapur	0	0	0	0
11	WLM Tirupathi	0	0	0	0
12	WLM Hyderabad	0	0	0	0
13	WLM Eluru	0	0	0	0
14	FDPT Srisailam	5	8508.000	161.803	2875.685
	TOTAL	160	262613.230	1797.475	39285.226

RETURN NO. 5
5.A - OUT TURN OF MAJOR FOREST PRODUCE DURING THE YEAR 2011-12
(CONTRACTOR AND DEPARTMENTAL QUANTITY OBTAINED)

Sl.No.	Item	Unit	Quantity	Forest Department (Rs. In Lakhs)	Contractor Agency (Rs. In Lakhs)	Total (5+6) (Rs. In Lakhs)
1	2	3	4	5	6	7
1	Timber	Cmt	12142.160	2431.480	-	2431.480
2	Fuel Wood	Cmt	22598.450	48.740	-	48.740
Total			34740.610	2480.220	-	2480.220

Source: PCCF Office - Production & Budget

5.B - OUT TURN OF MINOR FOREST PRODUCE DURING THE YEAR 2011-12
(CONTRACTOR AND DEPARTMENTAL QUANTITY OBTAINED)

Sl. No.	Name of the Commodity	Unit	Quantity	Forest Department (Rs. In Lakhs)	Contractor Agency (GCC) (Rs in Lakhs)	Total (5+6)
1	2	3	4	5	6	7
1	Bamboo	No.s	12339850	1887.470	0	1887.470
2	Beedi Leaves	No. of SBs	349272	7346.411	0	7346.411
I. Minor Forest Produce (Forest Department) - Total				9233.881	0	9233.881

Sl. No.	Name of the Commodity	Unit	Quantity	Forest Department (Rs. In Lakhs)	Contractor Agency (GCC) (Rs in Lakhs)	Total (5+6)
1	2	3	4	5	6	7
1	Gum Karaya	Quintals	1973.210	0	319.430	319.430
2	Gum Thiruman	Quintals	2.160	0	0.150	0.150
3	Gum Olibanum	Quintals	67.360	0	2.870	2.870
4	Gum Kondagogu	Quintals	24.590	0	2.840	2.840
5	Gum Dikamali	Quintals	0	0	0	0
6	Myrobolans	Quintals	5362.360	0	40.950	40.950
7	Nuxvomica	Quintals	3685.030	0	80.120	80.120
8	Seeded Tamarind	Quintals	26323.770	0	393.240	393.240
9	Deseeded Tamarind	Quintals	1164.610	0	45.090	45.090
10	Tamarind Seed	Quintals	12.860	0	0.080	0.080
11	Pungam Seed	Quintals	501.220	0	4.860	4.860
12	Cleaning nuts	Quintals	105.120	0	1.210	1.210
13	Marking nuts	Quintals	3579.540	0	17.730	17.730
14	Mohwa Seed	Quintals	2569.880	0	30.360	30.360
15	Mohwa Flower	Quintals	8641.440	0	60.540	60.540
16	Honey	Quintals	3417.890	0	409.150	409.150
17	Sheekakai	Quintals	356.130	0	2.140	2.140
18	Soap nuts	Quintals	781.520	0	14.210	14.210
19	Hill Brooms (Nos.)	Nos	226156	0	93.910	93.910
20	Hill Brooms (Qtls.)	Quintals		0	0	0
21	Wild Brooms (Qtls.)	Quintals	331.100	0	10.890	10.890
22	Wild Brooms (Nos.)	Nos		0	0	0
23	Adda leaf	Quintals	1134.730	0	8.510	8.510
24	Naramamidi Bark	Quintals	2401.180	0	67.130	67.130
25	Teripods	Quintals		0	0	0
26	Maredugeddal	Quintals	123.510	0	8.650	8.650
27	Others	Quintals		0	2.110	2.110
28	Medicinal Herbs	Quintals		0	8.650	8.650
II. Minor Forest Produce (GCC) - Total				0	1624.820	1624.820

Sl. No.	Name of the Commodity	Unit	Quantity	Forest Department (Rs. In Lakhs)	Contractor Agency (GCC) (Rs in Lakhs)	Total (5+6)
1	2	3	4	5	6	7
1	Dry Amla	Quintals	157.700	0	5.260	5.260
2	Annato Seed	Quintals	4.150	0	0.230	0.230
3	Rajmah Red	Quintals	344.010	0	16.500	16.500
4	Rajmah White	Quintals	0.000	0	0	0
5	White Beans	Quintals	0.000	0	0	0
6	Niger Seed	Quintals	0	0	0	0
7	Coffee	Quintals	179.090	0	13.260	13.260
8	Cuttings	Quintals	1546.010	0	31.270	31.270
9	Paddy	Quintals	19643.010	0	214.610	214.610
10	Maize	Quintals	1091.930	0	12.550	12.550
11	Turmeric	Quintals	800.820	0	57.380	57.380
12	Chillies	Quintals	1387.070	0	102.710	102.710
13	French Beans (Red)	Quintals	0	0	0	0
14	French Beans (White)	Quintals	0	0	0	0
15	Jowar	Quintals	0	0	0	0
16	Ground Nut	Quintals	0	0	0	0
17	Redgram	Quintals	0	0	0	0
18	Cashew nuts	Quintals	0	0	0	0
19	Cotton	Quintals	0	0	0	0
20	Soya been	Quintals	1127.790	0	13.850	13.850
21	Wheat	Quintals	0	0	0	0
22	Gilli seed	Quintals	0	0	0	0
23	Black Gram	Quintals	0	0	0	0
24	Green Gram	Quintals	0	0	0	0
25	Others (AP)	Quintals	0	0	0	0
III. Agricultural Produce (GCC) - Total				0	467.620	467.620
Total of Minor Forest Produce (I + II + III)				9233.881	2092.440	11326.321

Source: PCCF Office - Production, STC, Budget & GCC Visakhapatnam

RETURN NO. 6
OUT TURN FROM PLANTATIONS AND THINNINGS DURING 2011-12

Sl. No	Name of the Circle	Plantations					Thinning					Remarks
		Area worked in Ha.	Timber in Cum	Firewood in MTs	Charcoal in MTs	Sale amount in lakhs	Area worked in Ha.	Timber in Cum	Firewood in MTs	Charcoal in MTs	Sale amount in lakhs	
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Adilabad	0	0	0	0	0	0	0	0	0	0	-
2	Nizamabad	0	0	0	0	0	0	0	0	0	0	-
3	Hyderabad	0	0	0	0	0	0	0	0	0	0	-
4	Warangal	0	0	0	0	0	0	0	0	0	0	-
5	Khammam	10.500	96.910	0	0	26.136	180.950	149.216	0	0	0	-
6	Visakhapatnam	27.560	774.902	30.000	0	425.911	146.700	191.097	12.493	0	34.419	-
7	Rajahmundry	846.350	13115.777	10177.401	0	1641.120	205.880	4415.266	3326.000	0	0	-
8	Guntur	214.400	7339.800	681.000	0	122.492	0	0	0	0	0	-
9	Kurnool	0	0	0	0	0	0	0	0	0	0	-
10	Ananthapur	0	0	0	0	0	0	0	0	0	0	-
11	WLM Tirupathi	0	0	0	0	0	0	0	0	0	0	-
12	WLM Hyderabad	0	0	0	0	0	0	0	0	0	0	-
13	WLM Eluru	0	0	0	0	0	0	0	0	0	0	-
14	FDPT Srisailam	0	0	0	0	0	0	0	0	0	0	-
	TOTAL	1098.810	21327.389	10888.401	0	2215.659	533.530	4755.579	3338.493	0	34.419	-

**RETURN NO. 7
FREE GRANTS DURING THE YEAR 2011-12**

SI.No.	Name of the Circle	No of Grantees	Purpose for which granted	Quantity of produce granted				Thatched grass in cart load	Any other produce in M.T	Remarks
				Bamboo		Bamboo				
				Qty in Cum	Value in Rupees	Qty in M.Ts.	Value in Rupees			
1	2	3	4	5	6	7	8	9	10	11

Note: There are no free grants to the public. VSSs members will take their domestic requirement from the forest area. There are certain concessions given to Buroods through Cooperative Societies.

RETURN NO. 8
ANIMALS ALLOWED FOR GRAZING TOTAL REVENUE REALIZED ETC., DURING 2011-12

SI.No.	Name of the Circle	Number of animals for which permits issued					Total grazing revenue collected in Rupees	Details of grazing allowed if any quote G.O. in support.	Remarks
		Buffaloes	Cows & Buklocks	Sheep	Goats	Other animals			
1	2	3	4	5	6	7	8	9	10

Note: Free grazing is allowed however goat browsing 'C-fees' is collected by the protective.

RETURN No.9
FIRE AND THE EXTENT OF AREA BURNT DURING THE YEAR - 2011-12

Sl.No	Name of the circle	Fires Occurred during the year (In Nos)		Extent Burnt (in Ha)		Remarks
		In Plantations	In Other areas	In Plantations	In Other areas	
1	2	3	4	5	6	7
1	Adilabad	0	0	0	0	-
2	Nizamabad	0	0	0	0	-
3	Hyderabad	0	0	0	0	-
4	Warangal	0	0	0	0	-
5	Khammam	0	0	0	0	-
6	Visakhapatnam	2.000	0	17.780	0	-
7	Rajahmundry	0	0	0	0	-
8	Guntur	0	0	0	0	-
9	Kurnool	0	0	0	0	-
10	Ananthapur	0	0	0	0	-
11	WLM Tirupathi	0	54.000	0	678.500	-
12	WLM Hyderabad	0	0	0	0	-
13	WLM Eluru	0	0	0	0	-
14	FDPT Srisailam	0	11.000	0	150.500	-
	Total	2.000	65.000	17.780	829.000	-

RETURN No.10
OFFENCES DETECTED AND DISPOSED OFF DURING THE YEAR 2011-12

Sl. No.	Name of the Circle	Opening balance at the beginning of the year			Receipts During the Year			Total			Disposal			Balance at the end of the year			Compounding Fee collected in Rs. Lakhs	Compounding fee in Lakhs pending on 31-03-2012
		Prosecuted	Compounded	UDORs	Prosecuted	Compounded	UDORs	Prosecuted	Compounded	UDORs	Prosecuted	Compounded	UDORs	Prosecuted	Compounded	UDORs		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	Adilabad	546	1365	3018	654	2726	2404	1200	4091	5422	404	2284	1447	796	1807	3975	294.296	351.811
2	Nizamabad	1	277	77	0	1774	160	1	2051	237	0	1510	171	1	541	66	104.090	12.865
3	Hyderabad	25	114	24	16	1752	2	41	1866	26	0	1728	3	41	138	23	131.844	0.112
4	Warangal	1037	1662	783	659	4110	926	1696	5772	1709	19	4675	1104	1677	1097	605	324.813	0
5	Khammam	1417	767	1638	301	2745	1515	1718	3512	3153	90	2706	1481	1628	806	1672	214.276	19.718
6	Visakhapatnam	794	86	67	92	4146	74	886	4232	141	13	4183	82	873	49	59	161.898	2.920
7	Rajahmundry	1525	77	89	90	3736	459	1615	3813	548	0	3703	401	1615	110	147	229.446	18.258
8	Guntur	697	1	47	170	3587	209	867	3588	256	0	3571	175	867	17	81	214.218	0.285
9	Kurnool	950	6	679	323	3683	229	1273	3689	908	231	3683	184	1042	6	724	171.975	0.969
10	Ananthapur	153	0	15	22	1935	8	175	1935	23	12	1935	12	163	0	11	78.344	0
11	WLM Tirupathi	412	0	178	387	2571	201	799	2571	379	29	2571	60	770	0	319	80.886	0
12	WLM Hyderabad	11	0	4	6	2	1	17	2	5	2	2	3	15	0	2	0.415	0
13	WLM Eluru	400	0	0	56	0	0	456	0	0	0	0	0	456	0	0	0	0
14	FDPT Srisailam	70	58	18	18	2642	189	88	2700	207	2	2700	201	86	0	6	94.120	0
	Total	8038	4413	6637	2794	35409	6377	10832	39822	13014	802	35251	5324	10030	4571	7690	2100.621	406.938

RETURN No.11
FOREST OFFENCES INVOLVING VEHICLES BOOKED AND DISPOSED OFF DURING 2011-12

Sl. No.	Name of the Circle	Opening balance at the beginning of the year			Recieved During the Year			Total			Disposal			Closing Balance			No of Vehicles Confis-cated	Remarks
		Prosecuted	Compounded	Total	Prosecuted	Compounded	Total	Prosecuted	Compounded	Total	Prosecuted	Compounded	Total	Prosecuted	Compounded	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	Adilabad	26	197	223	12	467	479	38	664	702	0	356	356	38	308	346	113	-
2	Nizamabad	15	33	48	68	200	268	83	233	316	66	213	279	17	20	37	0	-
3	Hyderabad	2	54	56	0	167	167	2	221	223	0	167	167	2	54	56	1	-
4	Warangal	41	86	127	8	186	194	49	272	321	39	157	196	10	115	125	11	-
5	Khammam	37	80	117	3	321	324	40	401	441	0	292	292	40	109	149	18	-
6	Visakhapatnam	2	22	24	0	114	114	2	136	138	0	123	123	2	13	15	12	-
7	Rajahmundry	13	46	59	0	213	213	13	259	272	1	212	213	12	47	59	5	-
8	Guntur	245	1	246	133	1304	1437	378	1305	1683	27	1305	1332	351	0	351	90	-
9	Kurnool	311	1	312	286	383	669	597	384	981	246	380	626	351	4	355	285	-
10	Ananthapur	38	6	44	16	51	67	54	57	111	2	39	41	52	18	70	8	-
11	WLM Tirupathi	211	2	213	219	7	226	430	9	439	215	9	224	215	0	215	88	-
12	WLM Hyderabad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
13	WLM Eluru	2	0	2	0	0	0	2	0	2	0	0	0	2	0	2	0	-
14	FDPT Srisailam	18	0	18	1	24	25	19	24	43	9	24	33	10	0	10	0	-
	Total	961	528	1489	746	3437	4183	1707	3965	5672	605	3277	3882	1102	688	1790	631	-

RETURN No.12
GOAT BROWSING CASES BOOKED AND DISPOSED OFF DURING 2011-12

Sl. No	Name of the Circle	Opening Balance at the beginning of the year			Receipts during the year			Total			Disposal off during the year			Closing Balance as on 31-03-2012		
		Prosecuted	Compounded	Com. Fee involved Rs.In lakhs	Prosecuted	Compounded	Com. Fee involved Rs.In lakhs	Prosecuted	Compounded	Com. Fee involved Rs.In lakhs	Prosecuted	Compounded	Com. Fee involved Rs.In lakhs	Prosecuted	Compounded	Com. Fee involved Rs.In lakhs
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Adilabad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Nizamabad	0	0	0	1	1	0.100	1	1	0.100	1	1	0.100	0	0	0
3	Hyderabad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Warangal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Khammam	0	0	0	0	6	0.200	0	6	0.200	0	4	0.130	0	2	0.070
6	Visakhapatnam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Rajahmundry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Guntur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Kurnool	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Ananthapur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	WLM Tirupathi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	WLM Hyderabad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	WLM Eluru	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	FDPT Srisailam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	1	7	0.300	1	7	0.300	1	5	0.230	0	2	0.070

RETURN No.13
ASSAULT CASES (INCLUDING MURDERS) RECEIVED AND DISPOSED OFF DURIG 2011-12

Sl. No.	Name of the circle	No. of cases at the beginning of the year		No. of cases Received during the year		Total		No. of cases Disposed off during the year		Balance at the end of the year		Remarks
		Assault	Murders	Assault	Murders	Assault	Murders	Assault	Murders	Assault	Murders	
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Adilabad	61	1	5	0	66	1	0	0	66	1	-
2	Nizamabad	14	0	1	0	15	0	2	0	13	0	-
3	Hyderabad	1	0	0	0	1	0	0	0	1	0	-
4	Warangal	44	0	11	0	55	0	23	0	32	0	-
5	Khammam	21	0	8	0	29	0	0	0	29	0	-
6	Visakhapatnam	7	0	0	0	7	0	0	0	7	0	-
7	Rajahmundry	0	0	0	0	0	0	0	0	0	0	-
8	Guntur	7	0	0	0	7	0	0	0	7	0	-
9	Kurnool	4	0	0	0	4	0	0	0	4	0	-
10	Ananthapur	2	0	0	0	2	0	2	0	0	0	-
11	WLM Tirupathi	1	0	0	0	1	0	0	0	1	0	-
12	WLM Hyderabad	0	0	0	0	0	0	0	0	0	0	-
13	WLM Eluru	2	0	0	0	2	0	0	0	2	0	-
14	FDPT Srisailam	20	1	2	0	22	1	8	0	14	1	-
	Total	184	2	27	0	211	2	35	0	176	2	-

RETURN No.14
THE ANNUAL CUT AS PER WORKING PLAN AND ACTUAL ANNUAL CUT DURING 2011-12

Sl. No.	Name of the Working Circle	Territorial Circle	Annual cut during the year as per working plan		Actual annual cut during the year		Deviation		Remarks
			No of Units	Area in Hactares	No of Units	Area in Hactares	No of Units	Area in Hactares	
1	2	3	4	5	6	7	8	9	10
1	Teak	Khammam	69	709.50	12	191.45	57	518.05	
		Visakhapatnam	25	412.59	14	174.76	11	237.83	
		Rajahmundry	47	1675.70	12	298.72	35	1376.98	
		Total	141	2797.79	38	664.93	103	2132.86	
2	Bamboo	Adilabad	17	40697.00	15	24807.22	2	15889.78	
		Warangal	2	3395.74	2	3395.74	0	0	
		Khammam	21	43678.99	21	43031.20	0	647.79	
		Visakhapatnam	44	87642.87	17	31855.87	27	55787.00	
		Rajahmundry	66	102788.47	37	51795.37	29	50993.10	
		Guntur	10	3116.00	10	3116.00	0	0	
		Kurnool	13	4546.00	13	3995.00	0	551.00	
		FDPT Srisailam	5	8508.00	5	8508.00	0	0	
		Total	178	294373.07	120	170504.40	58	123868.67	
3	Eucalyptes	Adilabad	5	70.74	3	51.89	2	18.85	
		Khammam	112	131.80	0	0	112	131.80	
		Rajahmundry	19	294.39	12	225.99	7	68.40	
		Guntur	40	614.09	15	268.59	25	345.50	
		Ananthapur	10	126.00	0	0	10	126.00	
		Total	186	1237.02	30	546.47	156	690.55	
4	Cashew baser	Khammam	3	546.00	3	546.00	0	0	
		Visakhapatnam	48	1767.84	41	1250.87	7	516.97	
		Total	51	2313.84	44	1796.87	7	516.97	

Sl. No.	Name of the Working Circle	Territorial Circle	Annual cut during the year as per working plan		Actual annual cut during the year		Deviation		Remarks
			No of Units	Area in Hactares	No of Units	Area in Hactares	No of Units	Area in Hactares	
1	2	3	4	5	6	7	8	9	10
5	Casurina	Rajahmundry	14	526.51	1	25.00	13	501.51	
		Guntur	2	23.00	1	13.00	1	10.00	
		Total	16	549.51	2	38.00	14	511.51	
6	MFP	Khammam	24	500.00	12	0	12	500.00	
		Kurnool	3	67925.89	1	42113.98	2	25811.91	
		Ananthapur	3	0	0	0	3	0	
		Total	30	68425.89	13	42113.98	17	26311.91	
7	Miscellaneous Plantation	Khammam	110	257.00	0	0	110	257.00	
		Kurnool	2	30.00	0	0	2	30.00	
		Total	112	287.00	0	0	112	287.00	
8	Palmyrah Fruits & Dead Leaves	Ananthapur	1	0	0	0	1	0	
9	Beedi (Tuniki) Leaf SBs	Khammam	56	91208.06	56	20158.06	0	71050.00	
		Kurnool	7	132049.00	5	100718.00	2	31331.00	
		Total	63	223257.06	61	120876.06	2	102381.00	
Grand Total			778	593241.18	308	336540.71	470	256700.47	

RETURN No.15
STATEMENT OF PLANTATIONS RAISED AND EXPENDITURE SPECIES WISE UNDER ANNUAL PLAN DURING 2011-12

Sl. No.	Species	Name of the Circle	Target during the year		Achievement during the year		Total achievement at the end of the year	
			Area (In Ha)	Expenditure (Rs. In Lakhs)	Area (In Ha)	Expenditure (Rs. In Lakhs)	Area (In Ha)	Expenditure (Rs. In Lakhs)
1	Teak	Adilabad	315.000	58.053	315.000	55.708	11752.291	202.962
		Visakhapatnam	757.000	1065.180	757.000	493.712	768.200	495.392
		Rajahmundry	122.000	38.101	123.470	35.578	123.470	35.578
Total			1194.000	1161.334	1195.470	584.998	12643.961	733.932
2	Teak & Misc	Khammam	693.440	90.215	686.940	1542.903	686.940	1542.463
3	Bamboo	Adilabad	90.000	17.652	85.000	19.200	5674.660	288.048
		Warangal	0	0	0	0	357.500	20.941
		Khammam	60.000	10.417	60.000	5.569	60.000	5.302
		Visakhapatnam	61.200	5.700	61.200	2.670	0	5.650
		Rajahmundry	18.000	2.389	18.000	2.633	2025.600	174.017
		Kurnool	0	0	0	0	2138.000	48.506
Total			229.200	36.158	224.200	30.072	10255.760	542.464
4	Eucalyptus	Nizamabad	900.000	331.100	903.000	240.111	903.000	240.111
		Warangal	350.000	45.493	350.000	20.563	350.000	48.574
		Khammam	875.560	199.731	859.560	186.770	2012.590	479.434
		Rajahmundry	393.700	189.264	393.700	193.813	3052.410	501.026
		Kurnool	255.920	56.485	255.920	55.562	351.446	78.480
Total			2775.180	822.073	2762.180	696.819	6669.446	1347.625
14	Eucalyptus Clones	Adilabad	529.200	440.381	529.200	182.653	1510.990	243.915
		Hyderabad	342.000	146.480	225.000	88.380	225.000	88.380
		Guntur	100.000	188.565	100.000	188.565	240.000	304.493
Total			971.200	775.426	854.200	459.598	1975.990	636.788

Sl. No.	Species	Name of the Circle	Target during the year		Achievement during the year		Total achievement at the end of the year	
			Area (In Ha)	Expenditure (Rs. In Lakhs)	Area (In Ha)	Expenditure (Rs. In Lakhs)	Area (In Ha)	Expenditure (Rs. In Lakhs)
15	Eucalyptus & Kanuga	Hyderabad	659.798	152.064	659.798	151.021	659.798	151.021
16	Bamboo & EP	Guntur	30.000	3.750	30.000	3.750	30.000	3.750
18	Eucalyptus and Misc	Guntur	953.820	262.448	956.820	243.503	13816.140	1989.985
		SF & WP Visakhapatnam	47.100	0	47.100	14.098	0	14.098
Total			1000.920	262.448	1003.920	257.601	13816.140	2004.083
20	Kanugu (Pongamia)	Adilabad	100.000	6.378	100.000	2.602	6047.410	180.904
		Warangal	25.000	0	25.000	0	25.000	0
		Khammam	0	0	0	0	0	0.920
		Rajahmundry	0	0	0	0	2561.500	223.079
		Guntur	0	0	0	0	1755.000	356.292
		Kurnool	0	0	0	0	690.500	93.480
		FDPT Srisailam	40.000	19.363	40.000	16.176	40.000	16.176
P & E Hyderabad	7.000	1.464	0	1.464	7.000	1.464		
Total			172.000	27.205	165.000	20.242	11126.410	872.315
21	Bio- Diesel	Kurnool	0	0	0	0	554.500	71.162
22	Kanuga & Narayepi	Anantapur	2569.000	524.881	224.372	511.921	224.372	511.921
24	Silvipasture	Kurnool	0	0	0	0	69.200	1.489
26	Casuarina	Visakhapatnam	67.000	6.817	67.000	6.677	67.000	6.677
		Rajahmundry	50.000	13.020	50.000	13.020	50.000	13.020
		Kurnool	0	0	0	0	2.020	0.002
		SF & WP Visakhapatnam	3944.000	0	3944.000	159.306	0	159.306
Total			4061.000	19.837	4061.000	179.003	119.020	179.005

Sl. No.	Species	Name of the Circle	Target during the year		Achievement during the year		Total achievement at the end of the year	
			Area (In Ha)	Expenditure (Rs. In Lakhs)	Area (In Ha)	Expenditure (Rs. In Lakhs)	Area (In Ha)	Expenditure (Rs. In Lakhs)
27	Mangrove	WLM Eluru	400.000	163.435	400.000	163.435	4008.890	637.771
28	Babul	Kurnool	0	0	0	0	32.000	0.352
		P & E Hyderabad	70.000	7.510	46.000	7.000	46.000	7.000
		SF & WP Visakhapatnam	861.500	0	861.500	32.069	0	32.069
Total			931.500	7.510	907.500	39.069	78.000	39.421
29	Cashew	Kurnool	0	0	0	0	54.590	0.029
30	Sissoo	Kurnool	35.000	2.500	35.000	0.586	191.120	4.255
31	Burslia	Kurnool	0	0	0	0	4.000	0.059
32	Tamarind	Kurnool	0	0	0	0	213.000	0.456
33	Soap Nuts	Kurnool	0	0	0	0	19.000	1.914
34	Mango	Kurnool	0	0	0	0	8.000	0.494
35	Sheep Pasture	Kurnool	0	0	0	0	21.000	0.116
36	A.A.formis	Kurnool	0	0	0	0	478.000	3.061
40	Red Sander	Kurnool	50.000	8.006	50.000	7.843	50.000	7.843
50	Silver Oak	Visakhapatnam	31.000	2.880	31.000	2.880	31.000	2.880
61	Grass	Anantapur	60.000	21.000	36.200	5.077	0	5.077

Sl. No.	Species	Name of the Circle	Target during the year		Achievement during the year		Total achievement at the end of the year	
			Area (In Ha)	Expenditure (Rs. In Lakhs)	Area (In Ha)	Expenditure (Rs. In Lakhs)	Area (In Ha)	Expenditure (Rs. In Lakhs)
97	Mixed Plantations	Nizamabad	137.000	18.595	137.000	18.595	137.000	18.600
		Warangal	25.000	0	25.000	0	25.000	0
		Visakhapatnam	70.400	17.087	73.400	16.977	73.400	16.977
		P&E Guntur	126.500	58.914	126.500	58.914	1468.700	4073.041
		P & E Nizamabad	0	0	0	0	6744.520	440.686
Total			358.900	94.596	361.900	94.486	8448.620	4549.304
99	Miscellaneous	WLM Tirupati	483.460	88.181	477.960	80.143	6560.880	1303.052
		Adilabad	882.000	74.616	522.000	70.825	52235.270	1212.214
		Nizamabad	332.000	128.702	332.000	69.521	332.000	69.521
		Warangal	15.000	1.560	5.000	0.594	5.000	0.594
		Khammam	285.420	95.203	638.420	25.667	931.440	11.084
		Rajahmundry	664.750	83.233	664.750	69.561	5174.250	405.441
		Guntur	1663.769	1272.974	1588.209	883.867	5168.669	3288.658
		Kurnool	174.060	60.430	128.850	57.608	18507.943	686.183
		Anantapur	4925.450	846.712	397.584	600.618	257.634	600.618
		FDPT Srisailam	202.000	40.379	202.000	32.707	202.000	32.607
		SF & WP Visakhapantam	887.000	10.000	897.000	27.407	897.000	27.407
		P&E Kadapa	55.000	17.833	16.000	5.287	629.330	125.408
Total			10569.909	2719.823	5869.773	1923.805	90901.416	7762.787
101	Palmyrah Plantation	Kurnool	0	0	0	0	3201.000	29.865
102	Nallafund Plantation	Kurnool	0	0	0	0	600.000	0.004
103	Block Plantations	P & E Hyderabad	27.000	0.500	16.620	0.300	16.620	0.300
		SF & WP Vijayawada	30.000	4.890	30.000	0.410	30.000	0.410
		P&E Ananthapur	40.500	15.317	30.500	11.308	20.000	7.991
Total			97.500	20.707	77.120	12.018	66.620	8.701

Sl. No.	Species	Name of the Circle	Target during the year		Achievement during the year		Total achievement at the end of the year	
			Area (In Ha)	Expenditure (Rs. In Lakhs)	Area (In Ha)	Expenditure (Rs. In Lakhs)	Area (In Ha)	Expenditure (Rs. In Lakhs)
105	Tank Fore Shore Plantation	Kurnool	0	0	0	0	156.000	0.579
106	Village Woodlots	Kurnool	0	0	0	0	12.000	1.314
107	River Bank	Kurnool	0	0	0	0	54.000	1.025
108	Canal Bank Plantation	Kurnool	0	0	0	0	261.500	17.602
109	Agave Plantation	Kurnool	0	0	0	0	8329.000	70.795
110	Afforestation of degraded forests	Kurnool	0	0	0	0	4991.000	187.172
114	APCFM	Khammam	10.000	0	0	0	268.000	0
115	FDA	Khammam	0	0	0	0	939.500	0
		Kurnool	20.000	2.184	20.000	2.184	20.000	2.184
		FDPT Srisailam	35.000	29.106	35.000	24.462	35.000	24.462
Total			55.000	31.290	55.000	26.646	994.500	26.646
116	NTFP	Rajahmundry	742.340	18.315	742.340	18.315	742.340	18.315
		Warangal	5.000	7.440	5.000	7.440	109.000	61.891
		Total	747.340	25.755	747.340	25.755	851.340	80.206
123	SMC works	Kurnool	0	0	0	0	1188.000	2.386
125	CAMPA	Visakhapatnam	110.000	27.930	110.000	29.210	110.000	29.210
Grand Total (Area in Ha)			27811.887	7000.823	20547.913	6768.737	184421.133	22068.989

SI. No.	Species	Name of the Circle	Target during the year		Achievement during the year		Total achievement at the end of the year	
			Area (In Ha)	Expenditure (Rs. In Lakhs)	Area (In Ha)	Expenditure (Rs. In Lakhs)	Area (In Ha)	Expenditure (Rs. In Lakhs)
999	Avenue Plantation	Kurnool	0	0	0	0	295.510	26.818
		P & E Hyderabad	159.250	313.001	188.250	92.405	188.250	92.405
		SF & WP Visakhapantam	701.000	90.000	751.000	267.401	42.649	310.050
		SF & WP Vijayawada	203.000	212.858	186.340	91.287	753.840	218.589
		P&E Kadapa	160.000	113.878	35.000	23.293	625.392	202.034
		P&E Ananthapur	15.000	18.100	7.500	3.545	7.500	3.545
		P & E Nizamabad	210.000	117.457	163.000	111.049	1068.810	523.974
Total (Area in Kms)			1448.250	865.294	1331.090	588.980	2981.951	1377.415

RETURN No.16
AREA BROUGHT UNDER PLANTATIONS (SPECIES WISE) DURING THE YEAR 2011-12

Sl. No.	Name of the Species	Name of the Circle	Area in Hectares			Expenditure in Lakhs of Rupees		
			At the Beginning of the year	Planted during the year	Upto the end of the year	At the Beginning of the year	During the year	Upto the end of the year
1	2	3	4	5	6	7	8	9
1	Teak	Adilabad	32898.900	315.000	33213.900	160.022	58.841	218.863
		Warangal	5.000	5.000	10.000	1.640	0.162	1.802
		Khammam	14927.880	196.000	15123.880	10290.147	66.209	10356.356
		Visakhapatnam	7524.710	115.000	7639.710	179.474	22.743	728.696
		Rajahmudnry	7592.590	82.000	7674.590	107.035	15.571	122.606
Total			62949.080	713.000	63662.080	10738.318	163.525	11428.322
2	Teak Clones	Khammam	161.000	0	161.000	51.693	0	51.693
3	Teak & Misc	Warangal	6221.740	0	6221.740	87.232	0	87.232
		Khammam	5724.980	0	5724.980	4573.562	0	4573.562
		Visakhapatnam	645.000	0	645.000	53.007	0	53.007
		FDPT Srisailam	2659.000	85.000	2744.000	256.847	9.230	266.077
Total			15250.720	85.000	15335.720	4970.648	9.230	4979.878
5	Teak & Bamboo	Khammam	49202.061	1974.690	51176.751	8646.165	3613.742	12259.907
6	Teak Tissue Culture	Adilabad	6.421	0	6.421	2.089	0	2.089
7	Teak Mixed	Adilabad	60.700	0	60.700	0.119	0	0.119
8	Bamboo	Adilabad	6203.160	85.000	6288.160	360.523	19.200	379.723
		Warangal	809.530	0	809.530	40.396	0.534	38.630
		Khammam	15166.172	15.000	15181.172	1576.399	2.527	1578.925
		Visakhapatnam	22095.340	0	22095.340	112.093	0	819.753
		Rajahmudnry	2971.600	0	2971.600	206.182	0	206.182
		Guntur	0	30.000	30.000	0	3.750	3.750
		Kurnool	2138.000	0	2138.000	48.506	0	48.506
FDPT Srisailam	766.000	0	766.000	136.759	0	136.759		
Total			50149.802	130.000	50279.802	2480.858	26.010	3212.228

Sl. No.	Name of the Species	Name of the Circle	Area in Hectares			Expenditure in Lakhs of Rupees		
			At the Beginning of the year	Planted during the year	Upto the end of the year	At the Beginning of the year	During the year	Upto the end of the year
1	2	3	5	6	7	8	9	10
11	Bamboo, Kanuga & Eucalyptus	Warangal	1220.900	326.700	1547.600	867.918	65.267	933.185
12	Bamboo & Misc	Adilabad	1144.500	40.000	1184.500	165.600	3.855	169.455
		Rajahmudry	4569.100	724.220	5293.320	394.463	92.201	486.664
Total			5713.600	764.220	6477.820	560.063	96.056	656.119
13	Eucalyptus	Adilabad	1231.910	519.200	1751.110	108.932	177.905	286.837
		Nizamabad	3817.900	157.000	3974.900	386.077	23.420	409.497
		Warangal	191.350	127.500	318.850	48.743	48.502	97.245
		Khammam	7933.833	1019.120	8952.953	10714.974	9189.089	19904.063
		Visakhapatnam	30.360	0	30.360	944.500	0	928.000
		Rajahmudry	3351.050	393.700	3744.750	310.125	193.813	503.938
		Guntur	1249.000	420.000	1669.000	553.612	279.319	832.931
		Kurnool	879.296	75.000	954.296	45.131	13.401	58.532
		WLM Tirupati	45.000	0	45.000	0.332	0	0.332
Total			18729.699	2711.520	21441.219	13112.426	9925.449	23021.375
14	Eucalyptus Clones	Nizamabad	6.000	24.000	30.000	1.177	0.000	1.177
15	Eucalyptus & Kanuga	Hyderabad	26601.458	1001.798	27603.256	1701.120	239.529	1940.649
		Visakhapatnam	39.000	0	39.000	0	1.166	1.166
Total			26640.458	1001.798	27642.256	1701.120	240.695	1941.815
16	Eucalyptus & Bamboo	Adilabad	1497.500	22.000	1519.500	81.850	5.677	87.527
18	Eucalyptus & Misc	Warangal	467.900	331.500	799.400	0	167.108	167.108
		Kurnool	301.620	147.120	448.740	105.050	39.836	144.886
		SF & WP Visakhapatnam	47.100	0	47.100	14.098	0	14.098
Total			816.620	478.620	1295.240	119.148	206.944	326.092

Sl. No.	Name of the Species	Name of the Circle	Area in Hectares			Expenditure in Lakhs of Rupees		
			At the Beginning of the year	Planted during the year	Upto the end of the year	At the Beginning of the year	During the year	Upto the end of the year
1	2	3	5	6	7	8	9	10
20	Kanuga (Pongamia)	Adilabad	5835.410	100.000	5935.410	178.334	6.378	184.712
		Nizamabad	284.500	0	284.500	17.550	0	17.550
		Warangal	431.800	0	431.800	90.280	0	90.280
		Khammam	9622.500	49.500	9672.000	1662.647	164.606	1827.253
		Visakhapatnam	832.000	0	832.000	56.010	0	510.310
		Guntur	1755.000	0	1755.000	356.292	0	356.292
		Kurnool	690.500	0	690.500	93.480	0	93.480
		FDPT Srisailam	548.000	40.000	588.000	102.523	16.176	118.699
Total			19999.710	189.500	20189.210	2557.116	187.160	3198.576
21	Bio Diesel	Hyderabad	599.000	0	599.000	98.635	0.630	99.265
		Kurnool	538.000	16.500	554.500	65.932	5.230	71.162
Total			1137.000	16.500	1153.500	164.567	5.860	170.427
24	Silvipasture	Adilabad	50.000	0	50.000	1.378	0	1.378
		Kurnool	69.200	0	69.200	1.488	0	1.488
Total			119.200	0	119.200	2.866	0	2.866
25	S. Gulka	Khammam	10.250	0	10.250	0.560	0	0.560
26	Casuarina	Visakhapatnam	1029.000	87.000	1029.000	64.459	26.547	1029.000
		Rajahmudry	592.500	50.000	642.500	20.073	13.019	33.092
		Guntur	100.000	0	100.000	12.642	0	12.642
		Kurnool	2.020	0	2.020	0.002	0	0.002
		SF & WP Visakhapatnam	3944.000	0	3944.000	159.306	0	159.306
Total			5667.520	137.000	5717.520	256.482	39.566	1234.042
27	Mangrove	WLM Eluru	3579.890	400.000	3979.890	465.176	172.595	637.771
		Rajahmudry	330.000	0	330.000	9.408	0	9.408
Total			3909.890	400.000	4309.890	474.584	172.595	647.179

Sl. No.	Name of the Species	Name of the Circle	Area in Hectares			Expenditure in Lakhs of Rupees		
			At the Beginning of the year	Planted during the year	Upto the end of the year	At the Beginning of the year	During the year	Upto the end of the year
1	2	3	5	6	7	8	9	10
28	Babul	Adilabad	350.000	0	350.000	2.562	0	2.562
		Khammam	1368.070	425.630	1793.700	1820.700	180.030	2000.730
		Kurnool	32.000	0	32.000	0.352	0	0.352
		P&E Hyderabad	6073.000	46.000	6119.000	67.986	7.000	74.986
		SF & WP Visakhapatnam	861.500	0	861.500	32.069	0	32.069
Total			8684.570	471.630	9156.200	1923.669	187.030	2110.699
29	Cashew	Khammam	398.700	0	398.700	39.176	0	39.176
		Visakhapatnam	1086.010	0	1086.010	51.776	0	857.032
		Rajahmudry	1304.250	0	1304.250	0.374	0	0.374
		Kurnool	54.590	0	54.590	0.029	0	0.029
		WLM Tirupati	44.000	0	44.000	0.537	0	0.537
Total			2887.550	0	2887.550	91.892	0	897.148
30	Sissoo	Kurnool	156.120	35.000	191.120	13.740	0.586	14.326
31	Burslia	Kurnool	4.000	0	4.000	0.059	0	0.059
32	Tamarind	Kurnool	213.000	0	213.000	0.456	0	0.456
33	Soap Nuts	Kurnool	19.000	0	19.000	1.914	0	1.914
34	Mango	Kurnool	8.000	0	8.000	0.494	0	0.494
35	Pasture grass	Warangal	38.000	0	38.000	0.252	0	0.252
		Kurnool	21.000	0	21.000	0.116	0	0.116
Total			59.000	0	59.000	0.368	0	0.368
36	A.A. Formis	Visakhapatnam	19.540	0	19.540	12.753	0	5.753
		Kurnool	478.000	0	478.000	3.061	0	3.061
Total			497.540	0	497.540	15.814	0	8.814

Sl. No.	Name of the Species	Name of the Circle	Area in Hectares			Expenditure in Lakhs of Rupees		
			At the Beginning of the year	Planted during the year	Upto the end of the year	At the Beginning of the year	During the year	Upto the end of the year
1	2	3	5	6	7	8	9	10
37	Sarica Indica	Visakhapatnam	10.000	0	10.000	0	0.117	0.117
40	Redsanders	Guntur	0	250.000	250.000	0	24.771	24.771
		Kurnool	0	20.000	20.000	0	2.691	2.691
		WLM Tirupati	22.000	50.000	72.000	0.270	7.100	7.370
Total			22.000	320.000	342.000	0.270	34.562	34.832
45	Tapsi	Adilabad	258.000	0	258.000	1.554	0	1.554
		Khammam	7462.000	0	7462.000	217.150	0	217.150
Total			7720.000	0	7720.000	218.704	0	218.704
46	Sababul	Adilabad	1.500	0	1.500	0.031	0	0.031
		Visakhapatnam	50.000	0	50.000	0.465	0	0.465
Total			51.500	0	51.500	0.496	0	0.496
47	Acacia	Visakhapatnam	46.000	0	46.000	35.800	1.250	37.250
48	Fuel & Fodder	Adilabad	6.000	0	6.000	0.589	0	0.589
		Warangal	40.000	0	40.000	1.016	0	1.016
		WLM Tirupati	40.000	0	40.000	2.016	0	2.016
Total			86.000	0	86.000	3.621	0	3.621
49	Mango, Rita & Tapsi	Adilabad	15.000	0	15.000	0.505	0	0.505
50	Silver Oak	Visakhapatnam	35993.250	673.000	36666.250	2027.211	510.200	2488.111
51	A. stipulata	Visakhapatnam	58.000	0	58.000	0.243	0	0.243
52	Beavers	Visakhapatnam	7361.400	0	7361.400	34.233	0	34.233
53	Orange	Rajahmudry	2466.100	0	2466.100	0.367	0	0.367

Sl. No.	Name of the Species	Name of the Circle	Area in Hectares			Expenditure in Lakhs of Rupees		
			At the Beginning of the year	Planted during the year	Upto the end of the year	At the Beginning of the year	During the year	Upto the end of the year
1	2	3	5	6	7	8	9	10
54	Medicinal	Warangal	900.000	0	900.000	12.383	0	12.383
		Visakhapatnam	70.000	0	70.000	4.138	0	4.138
Total			970.000	0	970.000	16.521	0	16.521
55	Abnus	Warangal	5.000	0	5.000	0.018	0	0.018
56	Usiri	Warangal	58.500	0	58.500	11.580	0	11.580
57	Seethaphal	Warangal	32.000	0	32.000	3.698	0	3.698
58	Velga	Warangal	20.000	0	20.000	3.287	0	3.287
59	Perennial Herbs / Shurbs	Rajahmudnry	33.000	0	33.000	2.034	0	2.034
62	Gum Yielding	Khammam	29.000	0	29.000	296.447	0	296.447
97	Mixed Plantations	Adilabad	0	15.000	15.000	0	5.542	5.542
		Khammam	962.820	0	962.820	162.384	0	162.384
		Visakhapatnam	7833.950	214.600	8048.550	946.806	27.343	974.149
		Rajahmudnry	1726.650	0	1726.650	103.357	0	103.357
		Guntur	22388.250	1169.820	23558.070	21972.031	585.374	22557.405
		Ananthapur	46298.660	949.170	47247.830	2195.029	521.781	2716.810
		P&E Hyderabad	2117.530	7.000	2124.530	173.298	1.464	174.762
Total			81327.860	2355.590	83683.450	25552.905	1141.504	26694.409
98	MFP (Minor Forest Produce)	Warangal	9238.560	0	9238.560	32.591	0	32.591
		Visakhapatnam	1464.330	0	1464.330	50.715	0	50.715
		Rajahmudnry	389.000	0	389.000	30.931	0	30.931
		Guntur	0	0	0	12.015	0	12.015
		WLM Tirupati	128.910	0	128.910	3.622	0	3.622
Total			11220.800	0	11220.800	129.874	0	129.874

Sl. No.	Name of the Species	Name of the Circle	Area in Hectares			Expenditure in Lakhs of Rupees		
			At the Beginning of the year	Planted during the year	Upto the end of the year	At the Beginning of the year	During the year	Upto the end of the year
1	2	3	5	6	7	8	9	10
99	Miscellaneous	Adilabad	66922.000	455.000	67377.000	1347.215	60.022	1407.237
		Nizamabad	941.990	1078.000	2019.990	157.067	286.212	443.279
		Warangal	50.000	5.000	55.000	3.246	0.594	3.840
		Khammam	14102.160	896.990	14999.150	568.059	209.823	777.882
		Visakhapatnam	33023.590	10.000	33033.590	3302.824	16.200	9293.102
		Rajahmudry	4509.500	0	4509.500	335.880	0	335.880
		Guntur	4386.135	531.769	4917.904	939.778	426.475	1366.253
		Kurnool	22371.933	268.160	22640.093	603.784	53.916	657.700
		WLM Tirupati	27682.63	391.36	28073.99	2468.945	131.459	2600.404
		FDPT Srisailam	1921.730	117.000	2038.730	251.565	23.377	274.942
		SF & WP Visakhapatnam	887.000	10.000	897.000	27.407	897.000	924.407
Total			176798.668	3763.279	180561.947	10005.770	2105.078	18084.926
101	Palmyrah Plantation	Kurnool	3201.000	0	3201.000	29.865	0	29.865
102	Nallafund Plantation	Kurnool	600.000	0	600.000	0.004	0	0.004
103	Block Plantations	P&E Hyderabad	3030.850	16.620	3047.470	238.005	0.300	238.305
105	Tank Fore Shore Plantation	Warangal	4.000	0	4.000	0.101	0	0.101
		Kurnool	156.000	0	156.000	0.580	0	0.580
Total			160.000	0	160.000	0.681	0	0.681
106	Village Woodlots	Kurnool	12.000	0	12.000	1.314	0	1.314
107	River Bank	Kurnool	54.000	0	54.000	1.025	0	1.025

Sl. No.	Name of the Species	Name of the Circle	Area in Hectares			Expenditure in Lakhs of Rupees		
			At the Beginning of the year	Planted during the year	Upto the end of the year	At the Beginning of the year	During the year	Upto the end of the year
1	2	3	5	6	7	8	9	10
108	Canal Bank Plantation	Kurnool	261.500	0	261.500	17.602	0	17.602
109	Agave Plantation	Kurnool	8329.000	0	8329.000	70.795	0	70.795
110	Afforestation of degraded forests	Kurnool	4991.000	0	4991.000	187.172	0	187.172
112	Reclothing of degraded forest scheme	Warangal	25.000	0	25.000	0.745	0	0.745
113	APFP (WB)	Warangal	100.000	0	100.000	3.905	0	3.905
115	FDA	Visakhapatnam	173.000	0	173.000	6.478	0	6.478
		Kurnool	0	20.000	20.000	0	2.184	2.184
		FDPT Srisailam	624.000	35.000	659.000	83.566	24.462	108.028
Total			797.000	55.000	852.000	90.044	26.646	116.690
116	NTFP	Nizamabad	2787.000	112.000	2899.000	254.212	2.987	257.199
		Khammam	8211.370	84.000	8295.370	14923.116	1644.000	16567.116
		Visakhapatnam	500.000	0	500.000	67.234	0	67.234
		Rajahmudry	200.000	742.340	942.340	11.835	18.315	30.150
Total			11698.370	938.340	12636.710	15256.397	1665.302	16921.699
117	MCT	Khammam	60.040	0	60.040	35.098	0	35.098
118	MLCT	Adilabad	139.540	0	139.540	19.709	0	19.709
		Warangal	9.000	0	9.000	2.890	0	2.890
Total			148.540	0.000	148.540	22.599	0.000	22.599

Sl. No.	Name of the Species	Name of the Circle	Area in Hectares			Expenditure in Lakhs of Rupees		
			At the Beginning of the year	Planted during the year	Upto the end of the year	At the Beginning of the year	During the year	Upto the end of the year
1	2	3	5	6	7	8	9	10
119	AOFFP	Visakhapatnam	795.000	0	795.000	19.838	0	19.838
120	CIDA	Warangal	40.000	0	40.000	0.425	0	0.425
		Visakhapatnam	399.000	0	399.000	16.452	0	16.452
Total			439.000	0	439.000	16.877	0	16.877
121	NREP	Warangal	392.550	0	392.550	13.416	0	13.416
		Visakhapatnam	413.300	0	413.300	12.956	0	12.956
Total			805.850	0	805.850	26.372	0	26.372
122	Nabard VI (JFM)	Visakhapatnam	7700.000	0	7700.000	62.752	0	62.752
123	SMC works	Kurnool	1188.000	0	1188.000	23.859	0	23.859
Grand Total (Area in Ha)			644497.139	17603.007	662013.146	103286.706	20430.351	133047.924

Sl. No.	Name of the Species	Name of the Circle	Area in Hectares			Expenditure in Lakhs of Rupees		
			At the Beginning of the year	Planted during the year	Upto the end of the year	At the Beginning of the year	During the year	Upto the end of the year
1	2	3	5	6	7	8	9	10
999	Avenue Plantations	Warangal	37.500	0	37.500	1.587	0	1.587
		Khammam	162.020	0	162.020	17.200	0	17.200
		Rajahmudnry	7.500	0	7.500	0.512	0	0.512
		Kurnool	295.510	0	295.510	26.818	0	26.818
		WLM Tirupati	40.000	0	40.000	0.160	0	0.160
		P&E Hyderabad	1285.780	132.250	1418.030	855.504	87.664	943.441
		SF & WP Visakhapatnam	701.000	90.000	791.000	267.401	42.649	310.050
Total (Area in Kms)			2529.310	222.250	2751.560	1169.182	130.313	1299.768

RETURN No.17
ROADS DURING THE YEAR 2011-12

Sl. No.	Name of the circle	At the Beginning of the year		Formed during the year		Expenditure in lakhs of Rupees	Total at the end of the year		Remarks
		No. of Roads	Length in K.M.S	No of Roads	Length in K.M.S		No of Roads	Length in K.M.S	
1	2	3	4	5	6	7	8	9	10
1	Adilabad	51	254.728	0	0	0	51	254.728	-
2	Nizamabad	14	100.037	0	0	2.000	14	100.037	-
3	Hyderabad	7	46.027	0	0	5.279	7	46.027	-
4	Warangal	54	216.743	0	0	0	54	216.743	-
5	Khammam	118	343.064	0	0	0	118	343.064	-
6	Visakhapatnam	113	414.135	0	0	0	113	414.135	-
7	Rajahmundry	62	294.187	1	0.340	1.790	63	294.527	-
8	Guntur	82	898.153	0	0	0	82	898.153	-
9	Kurnool	108	675.963	0	0	0	108	675.963	-
10	Ananthapur	30	122.730	0	0	0	30	122.730	-
11	WLM Tirupathi	101	642.123	0	0	15.740	101	642.123	-
12	WLM Hyderabad	9	81.898	1	11.530	5.000	10	93.428	-
13	WLM Eluru	0	0	0	0	0	0	0	-
14	FDPT Srisailam	51	424.250	0	0	0	51	424.250	-
15	P&E Hyderabad	5	1.330	0	0	0	5	1.330	-
16	P&E Guntur	2	0.358	0	0	0	2	0.358	-
17	Director Zoological Parks	33	31.238	1	0.325	42.030	34	31.563	-
	Total	840	4546.964	3	12.195	71.839	843	4559.159	-

RETURN No.18
BUILDINGS UNDER FOREST DEPARTMENT FOR THE YEAR 2011-12

Sl. No.	Name of the circle	F.G's Quarters	Forester's Quarters	R.O's/ Dy.R.O's Quarters	Clerks Quarters	Attenders Quarters	D.F.O's/ Sub D.F.O's Quarters	CF's Quarters	Office Buildings	Rest Houses	Other Buildings	Total	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Adilabad	261	65	28	51	16	7	1	27	15	66	537	-
2	Nizamabad	151	20	11	1	0	2	0	12	7	73	277	-
3	Hyderabad	100	27	9	0	0	1	0	6	1	29	173	-
4	Warangal	202	38	27	0	0	7	1	16	35	55	381	-
5	Khammam	160	50	36	2	7	8	1	34	24	103	425	-
6	Visakhapatnam	137	60	26	13	12	6	1	20	9	49	333	-
7	Rajahmundry	103	33	16	3	4	5	2	4	7	62	239	-
8	Guntur	133	32	10	9	0	8	1	19	23	123	358	-
9	Kurnool	112	27	17	6	1	5	1	25	16	51	261	-
10	Ananthapur	66	13	9	0	1	2	1	11	14	23	140	-
11	WLM Tirupathi	85	27	11	1	0	3	1	14	22	106	270	-
12	WLM Hyderabad	0	0	0	0	0	0	0	2	6	14	22	-
13	WLM Eluru	12	4	4	1	6	2	0	2	3	12	46	-
14	FDPT Srisailam	143	56	23	4	0	9	1	21	11	72	340	-
15	P&E Hyderabad	0	0	0	0	0	2	0	2	1	61	66	-
16	SF & WP Visakhapatnam	0	0	0	0	0	2	0	1	0	1	4	-
17	SF & WP Vijayawada	0	1	2	0	0	1	2	4	0	0	10	-
18	SF & WP Kadapa	0	1	0	0	0	1	0	1	0	4	7	-
19	SF & WP Warangal	0	0	2	0	0	1	0	1	0	12	16	-
20	P&E Ananthapur	0	1	0	0	0	2	0	3	1	18	25	-
21	P&E Guntur	0	2	1	0	0	1	0	5	0	1	10	-
22	P&E Nizamabad	0	0	1	0	0	0	0	1	0	7	9	-
23	Director Zoological Parks	27	0	0	0	0	2	0	5	3	50	87	-
	Total	1692	457	233	91	47	77	13	236	198	992	4036	-

RETURN No.19
VEHICLES , ARMS AND AMMUNITION UNDER FOREST DEPARTMENT FOR THE YEAR 2011-12

Sl. No.	Name of the circle	Jeeps	Trailors	Lorries	Tents	Motor Cycles	Boats	Arms Muskets	Ammunition Cartridges	Tractors	Vans	Cars	Cycles	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Adilabad	52	0	5	0	1	0	27	667	0	2	2	0	-
2	Nizamabad	24	1	0	0	3	3	2	60	0	2	0	0	-
3	Hyderabad	15	0	0	0	1	0	14	163	0	0	2	0	-
4	Warangal	36	0	3	0	10	9	6	183	0	6	2	6	-
5	Khammam	41	1	5	0	1	0	243	1611	0	3	0	0	-
6	Visakhapatnam	42	0	0	0	5	3	16	1563	0	0	0	0	-
7	Rajahmundry	29	1	0	13	2	2	6	84	0	0	9	12	-
8	Guntur	31	0	1	16	1	0	41	2316	0	0	0	0	-
9	Kurnool	37	5	0	16	3	45	70	1254	2	0	0	0	-
10	Ananthapur	14	0	0	0	5	0	28	252	1	0	2	0	-
11	WLM Tirupathi	16	2	0	15	10	3	35	480	0	3	6	0	-
12	WLM Hyderabad	5	0	0	0	2	0	0	0	1	4	0	2	-
13	WLM Eluru	3	0	0	4	0	26	0	0	0	0	0	0	-
14	FDPT Srisailam	30	1	6	0	7	5	7	2	1	6	3	1	-
15	P&E Hyderabad	5	2	0	0	0	0	0	0	0	0	0	0	-
16	SF & WP Visakhapatnam	4	0	0	0	0	0	0	0	0	0	0	0	-
17	SF & WP Vijayawada	7	1	0	0	4	0	0	0	1	0	1	0	-
18	SF & WP Kadapa	4	0	0	0	0	0	0	0	0	0	0	0	-
19	SF & WP Warangal	5	1	0	0	4	0	0	0	0	1	0	50	-
20	P&E Ananthapur	4	0	0	0	0	0	0	0	0	0	1	0	-
21	P&E Guntur	3	0	0	0	0	0	0	0	2	1	0	0	-
22	P&E Nizamabad	5	1	0	0	0	0	0	0	0	0	0	0	-
23	Director Zoological Park	14	3	1	0	11	2	0	0	2	5	3	3	-
	Total	426	19	21	64	70	98	495	8635	10	33	31	74	-

RETURN No.20
Expenditure(Audited Actuals) for the year 2011-12

(Rs. in Lakhs)

Sl.No.	Name of the Scheme	Plan	Non Plan	Total
1	2	3	4	5
A	PLAN			
I	Central Sector Schemes			
1	Project Elephant	35.846	0	35.846
2	Project Tiger	36.070	0	36.070
3	13th Finance Commission (Addl.)			
	a. Forest Protection	533.938	0	533.938
	b. Wildlife	724.547	0	724.547
	d. Social Forestry	1518.430	0	1518.430
	e. FDA	772.489	0	772.489
	f. Research	32.650	0	32.650
	g. Training	102.542	0	102.542
	h. IT & C	197.000	0	197.000
	i. Preperation of Working	104.564	0	104.564
	Total: 13th FC	3986.160	0	3986.160
II	Centrally Sponsored Schemes			
4	Dev. of National Park & Sanctuaries	387.286	0	387.286
5	River Vally Project Scheme	516.053	0	516.053
6	Integrated Forest Protection	0	0	0
7	Fodder Feed Development (S)	6.429	0	6.429
	Total: C.S.S	909.768	0	909.768
III	Normal State Plan			
8	District Offices			
	a. Regional Offices	9.444	0	9.444
	b. Strengthening & Upgradation of FD / Publicity	29.803	0	29.803
	c. Forest Protection	127.471	0	127.471
	Total: D.O.	166.718	0	166.718

Sl.No.	Name of the Scheme	Plan	Non Plan	Total
1	2	3	4	5
9	Zoological Parks	411.964	0	411.964
10	RVP	32.469	0	32.469
11	Mixed Plantation	22.964	0	22.964
12	APSOF, Yellandu	2.232	0	2.232
13	Telugu Ganga Project (TGP)	111.319	0	111.319
14	Tree & Pasture Seed Development	49.996	0	49.996
15	Environment Plantation in degraded Forests around Urban area forests around urban areas	2.500	0	2.500
16	Sanctuaries	96.098	0	96.098
17	Dev. of National Park & Sanctuaries	49.797	0	49.797
18	Dr. YSR Project (Addl.)	747.000	0	747.000
19	TGP Works (S)	440.005	0	440.005
		Total: N.S.P	0	2133.062
		Plan Total	0	7100.906
B	NON PLAN			
1	District Offices	0	21613.627	21613.627
2	Other Zoological Parks	0	193.494	193.494
3	Nehru Zoological Park	0	171.085	171.085
4	Head Quarters	0	1583.538	1583.538
5	Forest School, Yellandu	0	115.933	115.933
6	Affot. Etc.in Muchkund Basin	0	216.568	216.568
7	Training	0	4.954	4.954
8	A.P. Science	0	107.010	107.010
9	Buildings	0	73.882	73.882
10	Sanctuaries	0	1933.555	1933.555
		Non-Plan Total	26013.646	26013.646
		Total Expenditure	26013.646	33114.552

Source: Budget Section of Prl.CCF Office.

RETURN No.21
Revenue Achieved during the Years 2011-12

(Rs. in Lakhs)

SI.No 1	Major Heads 2	2011-12 3
	MH-101-Sale of Timber & Other Forest Produce	
1	(01) – Sale of Timber	2431.480
2	(02) – Sale of Bamboo	1887.470
3	(03) – Sale of Firewood & Charcoal	48.740
4	(04) – Sale of Other Forest Produce	12.380
5	(05) – Receipts form Beedi Leaf	31.520
6	(06) – Receipts from teak plants	2191.550
7	(07) – Receipts from Cashew plantations	42.290
8	(08) – Receipts from other plantations	157.680
9	(09) – Receipts from Red Sanders	13.920
10	(10) – Receipts from thinning Operations	0
	Total: 101:	6817.030
	MH 800 – Other Receipts:	
1	(01) – Leave Salary Contribution	0
2	(02) – Fine and Forfeitures	21.150
3	(03) – Rents from Buildings	7.820
4	(04) – Compounding fee	2130.910
5	(05)–Receipts from charitable Inst	0.010
6	(06) – Legal Charges collected from APFDC	0
7	(77) – User charges	106.590
8	(80) – Sale of Waste paper and Others	18.250
9	(81) – Other Receipts	5783.880
	Total: 800:	8068.610
	Grand Total:	14885.640

*Source: PCCF Office - Budget Section

RETURN No.22
Statement showing the species wise sale results for 2011-12

Average price in Rs. for Cmt

Sl. No.	Name of the Circle	Name of the Species	Girth Class in Cms	Length (Sound)			Length (Partly Sound)			Length (Un-Sound)		
				0-2 mt	2-4 mt	4mt -ab	0-2 mt	2-4 mt	4mt-ab	0-2 mt	2-4 mt	4mt-ab
1	Adilabad	Teak	0-45	0	0	0	3750	3950	0	16050	3200	0
			46-60	0	0	0	9450	11600	5650	3800	0	0
			61-90	5200	10000	0	16320	32630	47500	64000	78800	9100
			91-120	11700	18500	20000	28800	33880	44000	26850	36000	14000
			121 & Abv	13000	0	0	29500	34650	0	49000	50300	0
			Mixed Sizes	6000	0	0	12165	13010	0	21000	0	0
2	Warangal		0-45	148	203	0	19161	21033	20408	8035	9231	10477
			46-60	0	0	0	25439	28827	31741	16215	16053	13699
			61-90	66931	69740	64092	41869	45072	40554	18181	26195	0
			91-120	65819	73302	56338	54108	62106	63380	27553	36018	0
			121 & Abv	61956	91208	0	61113	74437	0	33071	47330	0
3	Khammam		0-45	0	0	0	8659	11686	21511	0	0	0
			46-60	18791	47341	46375	13755	18800	20414	3621	8537	18251
			61-90	57892	64266	66916	35193	46210	49944	5973	24836	29995
			91-120	67327	90900	82965	49524	50151	47590	32465	29112	39622
			121 & Abv	79268	80220	0	55013	69334	68950	24162	47403	35161
			Sizes	21525	32045	0	0	0	0	18475	22284	0
4	Visakhapatnam		31-45	0	0	0	8518	12028	10868	87	117	140
			46-60	0	0	14164	12679	17086	21865	13484	13453	15668
			61-90	32813	40353	47054	26120	30473	35878	16185	19877	24590
			91-120	78864	77584	93195	54562	62312	78147	56341	43131	46039
			121 & Abv	67637	70450	65900	44746	50480	55621	0	43439	43868
			Sizes	0	38282	0	0	0	0	33389	0	0

Sl. No.	Name of the Circle	Name of the Species	Girth Class in Cms	Length (Sound)			Length (Partly Sound)			Length (Un-Sound)		
				0-2 mt	2-4 mt	4mt -ab	0-2 mt	2-4 mt	4mt-ab	0-2 mt	2-4 mt	4mt-ab
5	Rajahmundry	Teak	0-46	19388	29070	29730	18932	21744	25001	12363	18181	19000
			61-90	29853	38909	46382	26792	28148	33516	24305	24707	26880
			91-120	68182	57636	68725	44619	50411	57518	40489	42248	43801
			121 & abv	0	0	0	88957	72860	72470	0	80391	79317
6	Guntur		46-60	0	4480	0	6600	0	0	0	0	0
			46-60	8000	0	46033	8057	0	352	0	0	0
7	Kurnool		61-90	27421	51379	24218	29723	42686	37793	22348	25269	26166
			91-120	33304	51765	70546	39778	38351	0	13870	25954	18328
			121 & Abv	60099	59947	51737	37548	28982	14380	11204	31745	33396
			61-90	0	0	0	11100	0	0	0	0	0
8	FDPT Srisailam		0-45	0	0	0	1443	3374	3086	0	0	0
1	Khammam		46-60	0	0	0	0	4291	3503	0	2225	0
		61-90	0	0	0	5426	4080	4707	0	2844	3149	
		91-120	0	0	0	5960	8039	5704	0	0	0	
		120 & Abv	0	0	0	0	19231	12730	0	0	0	
		0-45	0	0	0	4795	4725	4340	3125	3736	16752	
2	Rajahmundry	61-90	0	0	11957	10159	43071	76598	21833	42776	58625	
		91-120	0	0	0	26461	44851	87289	31721	42948	57872	
		121 & abv	0	0	18601	47682	110731	24033	14448	28750	46041	
		0-45	0	0	0	4795	4725	4340	3125	3736	16752	

Sl. No.	Name of the Circle	Name of the Species	Girth Class in Cms	Length (Sound)			Length (Partly Sound)			Length (Un-Sound)		
				0-2 mt	2-4 mt	4mt -ab	0-2 mt	2-4 mt	4mt-ab	0-2 mt	2-4 mt	4mt-ab
1	Warangal	Nalla Maddi	61-90	0	14198	11159	0	14891	0	0	5495	0
			91-120	0	0	0	0	0	0	0	4912	0
			121 & Abv	0	0	0	0	0	0	0	7875	0
2	Khammam		0-45	0	0	0	2000	2866	4755	0	0	0
			46-60	0	0	0	2051	4484	4717	0	0	0
			61-90	0	0	0	3744	8944	10975	0	0	5725
			91-120	0	0	0	3795	8803	11577	6193	0	7186
			121 & Abv	0	0	0	5517	12867	0	0	0	0
3	Visakhapatnam		61-90	0	0	0	0	0	10700	6967	0	0
			106 - 120	0	0	0	0	0	11842	0	0	0
			Sizes	0	10539	0	0	0	0	0	0	0
4	Rajahmundry		0-45	0	0	0	0	0	0	0	4592	870
			61-90	0	0	0	10000	21663	33319	8621	13908	22207
			91-120	0	0	0	0	42355	28250	10065	15873	33765
			121 & abv	0	0	0	0	47403	68327	0	15380	33157
5	Guntur	46-60	0	290	0	350	1650	0	0	0	0	
		61-90	0	0	0	0	725	1550	0	0	0	
6	FDPT Srisailam	46-60	0	0	0	18418	29967	27446	26974	23668	19580	
		61-90	0	0	0	0	20304	0	24458	16408	9516	
		91-120	0	0	46225	35739	30005	51237	34225	17630	51753	
		121 & Abv	0	0	0	18445	14224	42343	0	0	0	

Sl. No.	Name of the Circle	Name of the Species	Girth Class in Cms	Length (Sound)			Length (Partly Sound)			Length (Un-Sound)		
				0-2 mt	2-4 mt	4mt -ab	0-2 mt	2-4 mt	4mt-ab	0-2 mt	2-4 mt	4mt-ab
1	Khammam	Yegisa	0-45	0	0	0	0	4815	0	0	0	0
			46-60	0	0	0	4583	3827	0	4217	5390	6152
			61-90	0	0	0	8674	9963	14315	4589	5615	0
			91-120	0	0	0	11947	14517	18429	0	0	0
			121 & Abv	0	0	0	19474	36766	22944	0	0	0
2	Visakhapatnam		61-90	0	0	0	0	0	0	8621	9929	0
			91-120	0	0	0	0	12956	0	12308	0	0
			120 & above	0	0	0	15906	0	0	0	0	0
			Sizes	0	26336	0	0	0	0	0	0	0
3	Rajahmundry		0-45	0	0	0	0	14167	0	0	0	0
			61-90	25654	0	0	0	38196	11161	18094	25779	13339
			91-120	88340	0	0	85573	68601	0	59550	17299	24457
			121 & abv	37533	65776	0	73058	0	0	31952	0	31546
4	Guntur		46-60	0	0	0	1525	1200	0	0	0	0
			61-90	0	0	0	0	0	2650	0	0	0
5	Kurnool	46-60	6836	0	0	6950	17021	0	0	0	0	
6	FDPT Srisailam	41-60	0	0	0	0	0	0	0	0	10700	

Sl. No.	Name of the Circle	Name of the Species	Girth Class in Cms	Length (Sound)			Length (Partly Sound)			Length (Un-Sound)		
				0-2 mt	2-4 mt	4mt -ab	0-2 mt	2-4 mt	4mt-ab	0-2 mt	2-4 mt	4mt-ab
1	Khammam	Jitregi (Rose Wood)	0-45	0	0	0	3985	0	0	0	0	0
			46-60	0	0	0	26296	19400	0	0	0	0
			61-90	91384	0	0	38275	50420	47947	0	0	0
			91-120	66379	119821	0	68113	0	0	0	0	0
			121 & Abv	0	0	0	131720	0	0	0	0	0
			Sizes	69913	87262	0	51469	91542	0	0	0	0
2	Visakhapatnam		Sizes	0	52387	0	0	0	0	0	0	0
3	Rajahmundry		0-45	0	0	0	0	29001	0	111530	73840	0
			61-90	0	0	0	116131	123974	0	283170	282718	0
			91-120	0	0	0	50335	76741	0	105285	76190	0
			121 & abv	0	0	0	56159	0	0	59024	0	0
1	Warangal		61-90	0	11097	0	0	9543	0	0	6318	0
		91-120	0	0	0	0	0	0	0	4912	0	
		121 & Abv	0	0	0	0	0	0	0	7875	0	
2	Khammam	46-60	0	0	0	12231	10720	0	0	0	0	
		61-90	0	0	0	13834	15210	0	0	0	0	
		91-120	0	0	0	0	14601	0	0	0	0	
		121 & Abv	0	0	0	0	0	0	0	0	29402	
3	Rajahmundry	61-90	0	0	0	0	9167	0	0	17273	0	
		91-120	0	0	0	0	48992	0	0	27717	0	
		121 & abv	36696	0	0	40023	32444	0	0	15238	0	
1	Khammam	Tuniki	46-60	0	0	0	0	0	0	1795	1407	0
		61-90	0	0	0	0	0	0	0	0	1120	0

Sl. No.	Name of the Circle	Name of the Species	Girth Class in Cms	Length (Sound)			Length (Partly Sound)			Length (Un-Sound)			
				0-2 mt	2-4 mt	4mt -ab	0-2 mt	2-4 mt	4mt-ab	0-2 mt	2-4 mt	4mt-ab	
1	Visakhapatnam	Eucalyptus	61-90	0	0	0	0	0	0	1772	0	0	
			91-120	0	0	0	0	0	0	3722	0	0	
2	Rajahmundry		0-45	0	0	0	0	3284	7379	0	7019	19952	
			61-90	0	0	4888	0	6801	28643	0	13413	38800	
			91-120	0	0	14075	0	3175	30474	0	16661	34866	
			121 & abv	0	0	16757	0	0	45188	0	0	16496	
1	Visakhapatnam		Gannara	120 & above	0	0	0	15964	0	0	0	0	0
				Sizes	0	19984	0	0	0	0	0	0	0
1	Rajahmundry		Softwood	0-45	0	0	0	0	0	0	0	2029	0
				91-120	0	0	0	0	7681	4087	0	0	4890
		121 & abv		0	0	0	0	0	4237	0	0	3586	
2	Kurnool	46-60		0	0	0	148411	0	0	0	613	0	
		61-90		0	0	0	0	0	46086	0	468	0	
		91-120		0	0	0	0	0	4512	0	0	0	
1	Rajahmundry	Chinduga		61-90	22346	0	0	26170	12371	8258	0	0	0
				91-120	0	0	0	102456	113923	0	75380	29497	0
				121 & abv	85742	0	0	64571	0	24400	16978	31780	24281
1	Visakhapatnam	Gummadi	Sizes	0	8908	0	0	0	0	0	0	0	
1	Warangal	Bijasal	61-90	18316	22262	0	17531	21889	18695	8131	11017	11251	
			91-120	30544	37981	35627	28373	29073	33096	15499	18290	19826	
			121 & Abv	37639	41766	42961	30596	38477	32835	26226	19772	19863	
2	FDPT Srisailam		61-90	900	0	0	0	0	0	0	0		

Sl. No.	Name of the Circle	Name of the Species	Girth Class in Cms	Length (Sound)			Length (Partly Sound)			Length (Un-Sound)		
				0-2 mt	2-4 mt	4mt -ab	0-2 mt	2-4 mt	4mt-ab	0-2 mt	2-4 mt	4mt-ab
1	Visakhapatnam	Tangedu	Sizes	0	600	0	0	0	0	0	0	0
1	FDPT Srisailam	Narayepa	61-90	8200	0	0	17670	18000	0	0	0	0
			91-120	0	0	0	5045	13120	0	22000	0	13270
			121 & Abv	0	26000	0	0	31910	11000	0	21200	0
1	FDPT Srisailam	Somidi	61-90	0	0	0	0	0	0	1800	0	0
1	FDPT Srisailam	Telusu	61-90	0	0	0	10000	0	0	0	0	0
1	Warangal	Sheesham	46-60	0	0	0	16674	16604	0	12890	14830	15194
			61-90	0	0	0	33515	31826	0	20946	16022	0
			91-120	0	0	0	0	42579	0	0	0	0
			121 & Abv	0	0	0	0	0	0	0	7875	0
1	Guntur	Yepi	61-90	0	10550	0	0	0	0	0	0	0
			91-120	0	0	31100	0	0	0	0	0	0
1	Visakhapatnam	Pines	91-120	0	0	0	0	2292	2075	0	0	0
			120 & above	0	0	0	0	0	0			
1	Visakhapatnam	Miscellaneous	46-60	0	0	0	0	0	0	0	0	0
			61-90	0	0	0	0	0	0	0	4532	0
2	Guntur		0-45	0	0	0	0	0	0	0	10400	0
3	Kurnool		46-60	0	0	0	50864	8852	2376	17694	793	0
			61-90	0	0	0	22148	28255	36067	2760	333	682
			91-120	1704	0	2327	1104	4541	45702	877	0	0
			121 & Abv	2505	0	741	0	0	7037	0	0	0

Sl. No.	Name of the Circle	Name of the Species	Girth Class in Cms	Length (Sound)			Length (Partly Sound)			Length (Un-Sound)		
				0-2 mt	2-4 mt	4mt -ab	0-2 mt	2-4 mt	4mt-ab	0-2 mt	2-4 mt	4mt-ab
1	Visakhapatnam	Bamboo	06-09	0	0	19.57	0	0	0	0	0	0
			09-12	20.67	0	13.70	0	0	0	0	0	0
			12-15	27.97	0	16.26	0	0	0	0	0	0
			15-18	45.91	0	28.77	0	0	0	0	0	0
			18-21	71.45	0	46.89	0	0	0	0	0	0
			21-24	87.27	0	0	0	0	0	0	0	0
			24 & above	83.90	0	0	0	0	0	0	0	0

Return No.23
Forest blocks by legal status – region, district and division wise

Sl. No	District	Division	Reserved Forest 1) 19 of Hyd, F.Act, 2) 16 of A.P.F. Act 1882, 3)15 of A.P.F. Act 1967	Protected Forest			Unclassed Unnotofied	Total	
				U/S 4 A.P.F Act	U/S 24 To 27 A.P.F Act	U/S 29 A.P.F. Act			
1	2	3	4	5	6	7	8	9	10
1	Adilabad	1. Adilabad	31	10	8	0	18	4	53
		2. Nirmal	30	16	0	2	18	0	48
		3. Jannaram	2	1	0	0	1	0	3
		4. Mancherial	20	7	0	0	7	0	27
		5. Bellampalli	35	16	0	0	16	5	56
		6. Kagaznagar	37	7	2	0	9	2	48
		Total:	155	57	10	2	69	11	235
2	Nizamabad	1. Kamareddy	56	25	0	1	26	1	83
		2. Nizamabad	78	26	1	1	28	0	106
		Total:	134	51	1	2	54	1	189
3	Medak	Medak	144	73	4	10	87	2	233
4	Ranga Reddy	Hyderabad	78	49	0	0	49	0	127
5	Hyderabad	Hyderabad	0	0	0	0	0	0	0
6	Mahabubnagar	1. Mahabubnagar	49	22	0	0	22	0	71
		2. Achampet	9	5	1	0	6	0	15
		Total:	58	27	1	0	28	0	86
7	Nalgonda	Nalgonda	0	0	25	0	25	1	26
8	Karimnagar	1.Karimnagar (E)	31	8	0	0	8	4	43
		2.Karimnagar (W)	111	36	6	0	42	5	158
		Total:	142	44	6	0	50	9	201
9	Warangal	1. Warangal (N)	46	18	5	0	23	11	80
		2. Warangal (S)	14	12	2	0	14	4	32
		Total:	60	30	7	0	37	15	112
10	Khammam	1. Khammam	46	9	1	0	10	1	57
		2. Kothagudem	28	16	0	3	19	0	47
		3. Paloncha	116	9	0	0	9	0	125
		4.Bhadrachalam (N)	56	4	0	0	4	0	60
		5.Bhadrachalam(W)	54	13	0	0	13	0	67
		Total:	300	51	1	3	55	1	356
Telangana Total:			1071	382	55	17	454	40	1565

Sl. No	District	Division	Reserved Forest 1) 19 of Hyd, F.Act, 2) 16 of A.P.F. Act 1882, 3)15 of A.P.F. Act 1967	Protected Forest				Unclassed Unnotofied	Total
				U/S 4 A.P.F Act	U/S 24 To 27 A.P.F Act	U/S 29 A.P.F. Act	Total		
1	2	3	4	5	6	7	8	9	10
11	Srikakulam	Srikakulam	45	9	13	0	22	12	79
12	Vizianagaram	Vizianagaram	75	16	0	0	16	12	103
13	Visakhapatnam	1. Paderu	51	13	0	0	13	2	66
		2. Narsipatnam	48	13	2	0	15	1	64
		3. Visakhapatnam	22	24	1	0	25	11	58
		Total:	121	50	3	0	53	14	188
14	East Godavari	Kakinada	111	11	39	0	50	0	161
15	West Godavari	Eluru (Part)	44	6	0	0	6	0	50
16	Krishna	Krishna	37	23	0	0	23	0	60
17	Guntur	Guntur	118	0	0	0	0	0	118
18	Prakasham	1. Giddalur	63	4	0	0	4	0	67
		2. Markapur	62	1	0	0	1	0	63
		Total:	125	5	0	0	5	0	130
19	Nellore	Nellore	262	5	1	0	6	0	268
Coastal Andhra Total:			938	125	56	0	181	38	1157
20	Kurnool	1. Atmakur	7	0	0	0	0	0	7
		2. Kurnool	87	1	0	0	1	0	88
		3. Nandyal	8	0	0	0	0	0	8
		Total:	102	1	0	0	1	0	103
21	Kadapa	1. Kadapa	35	0	0	0	0	0	35
		2. Proddatur	71	0	0	0	0	0	71
		3. Rajampet	48	0	0	0	0	0	48
		Total:	154	0	0	0	0	0	154
22	Ananthapur	Ananthapur	101	2	0	0	2	0	103
23	Chittoor	1. Chittoor (E)	51	32	0	0	32	0	83
		2. Chittoor (W)	58	2	40	0	42	1	101
		Total:	109	34	40	0	74	1	184
Rayalaseema Total:			466	37	40	0	77	1	544
Andhra Pradesh Total:			2475	544	151	17	712	79	3266