

ANNUAL ADMINISTRATION REPORTS

2012-13

A.A.R. 2012-13



GOVERNMENT OF ANDHRA PRADESH
Forest Department



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Forest Department

ANNUAL ADMINISTRATION
REPORT 2012-13



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.



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FOREST DEPARTMENT**

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FOR THE YEAR - 2012-13**



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**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 	12-15
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 Pollution Control Board 5.2 Non-Plan Schemes 	16-34

<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>	35-46
<p style="text-align: center;">Chapter - VII Financial Results</p> <p>7.1 Revenue 7.2 Expenditure 7.3 Revenue and Net Revenue</p>	47-48
<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>	49-60
<p style="text-align: center;">Chapter - IX Forest Research</p> <p>9.1 The facilities developed in the four Research Centers and their status 9.2.1 Research Plots established under CAMPA 9.2.2 Research Plots established under Tree & Pasture Seed Development 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 Tiger Reserves 10.6 Wildlife Management Circles 10.6.1 WLM Project Tiger Circle, Srisailam 10.6.2 WLM Circle, Tirupati 10.6.3 WLM Circle, Eluru 10.6.4 WLM Circle, Hyderabad 10.7 Zoological Parks 10.7.1 Nehru Zoological Park, Hyderabad 10.7.2 Sri Venkateshwara Zoological Park, Tirupati 10.7.3 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 Saphaha 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	128
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)	147-155
17	Roads maintained by Forest Department	156
18	Buildings Under Forest Department	157
19	Vehicles , Arms and Ammunition Under Forests Department	158
20	Expenditure (Audited Actuals)	159-160
21	Forest Revenue	161
22	Statement Showing the Species Wise Sale Results	162-168
23	Forest Blocks by Legal Status – Region, District and Division Wise	169-170

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 2011

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 Godaveri, 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	Encroachment
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.)	3. Khanapur
			2. Nirmal (F.S.)	4. ACF, Nirmal
		3. Jannaram(WLM)	-	-
		4. Mancherial	3. Mancherial (F.S.)	5. Luxettipet
				6. Chennur
		5. Bellampalli		7. ACF, Bellampalli 8. Asifabad
6. Kagaznagar		9. Khagaznagar		
2	Nizamabad	1. Nizamabad	1.Nizambad (F.S.P)	1. Banswada 2. Nizamabad
		2. Kamareddy	-	3. Yella Reddy
		3. Medak	2.Medak (WLM)	4. Siddipet
				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. ACF, 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. Penukonda
		2. Chittoor West	1. Chittoor(F.S) (Pileru)	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. ACF, Srisailam
		2. Achampet (WLM)	-	2. ACF, Kollapur 3. ACF, Mannanur
		3. Markapur (WLM)	-	4. ACF, Dronal
		4. Nagarjuna Sagar (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 Anathapur	-	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 63960.759 Kms and existing boundaries were repaired 467.190 Kms. An amount of Rs.177.094 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 18.309 Kms of roads and paths were constructed. An amount of Rs.45.129 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 69.300 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 419 Jeeps, 19 Trailers, 22 Lorries, 57 Tents, 60 Motor Cycles, 80 Boats, 484 Arms Muskets, 8752 Ammunition Cartridges, 12 Tractors, 30 Vans, 28 Cars and 116 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	2011-12	8038	4413	6637	2794	35409	6377	802	35251	5324	10030	4571	7690	2100.621	406.938
2	2012-13	10030	4571	7690	1759	31774	5645	1348	30114	3970	10441	6231	9365	2071.817	33.469

Forest offences received during the year 2012-13 are (1759) prosecuted, (31774) compounded and (5645) UDOR cases. Out of which (1348) prosecuted, (30114) compounded and (3970) UDOR cases were disposed respectively. The compounding fee collected as Rs.2071.817 lakhs and Rs.33.469 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	2011-12	961	528	1489	746	3437	4183	605	3277	3882	1102	688	1790	631
2	2012-13	1102	688	1790	1079	2261	3340	343	2137	2480	1838	812	2650	519

The vehicles booked under Forest Offences during the year 2012-13 are (3340) viz., (1079) prosecuted & (2261) compounded and (519) vehicles were confiscated. Out of this, (343) prosecuted and (2137) compounded were disposed and (1838) prosecuted and (812) 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	2011-12	184	2	27	0	211	2	35	0	176	2
2	2012-13	176	2	29	0	205	2	6	0	199	2

In the year 2012-13, (29) Assault cases were reported. Out of Total (205) cases, (6) cases were disposed off during the year and (199) 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	2011-12	2	65	17.780	829.000
2	2012-13	5	40	45.092	1061.000

In the year 2012-13, (45) cases of Forest fires were reported. Out of which (5) cases were occurred in plantations and (40) cases in other areas. An area of 45.092 hectares in plantations and 1061.000 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	2011-12	0	0	0	1	7	0.300	1	5	0.230	0	2	0.70
2	2012-13	0	2	0.070	0	179	2.031	0	177	1.961	0	4	0.140

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

In the year 2012-13, (179) Goat browsing compounding cases were booked and (177) cases were disposed off. The Compound fee collected Rs. 1.961 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 (43) Divisions are included. Out of the total divisions except Jannaram Division Working Plan (42) Divisions working plans are approved by Govt. 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.

STATEMENT SHOWING THE DIVISION WISE OF WORKING PLANS APPROVED

Sl. No.	Name of the Division	GOI Reference through which approved	Period
1	Kakinada	F (C) A/11.6/23/91/1131, Dt:09-09-2002	2002-03 to 2011-12
2	Nandyal	F (C) A/11.6/188/AP/WP/1156, Dt:16-09-2002	2002-03 to 2011-12
3	Paloncha	F (C) A/11.6/196/AP/WP, Dt:12-11-2002	2002-03 to 2011-12
4	Bharachalam (S)	F (C) A/11.6/185/AP/WP/2079, Dt:16-01-2003	2002-03 to 2011-12
5	Eluru	F (C) A/11.6/220/AP/WP/188, Dt:25-04-2003	2002-03 to 2011-12
6	Mancherial	F (C) A/11.6/214/AP/WP/709, Dt:03-06-2003	2002-03 to 2011-12
7	Kaghaznagar	F (C) A/11.6/212/AP/WP/1355, Dt:01-10-2003	2003-04 to 2012-13
8	Adilabad	F (C) A/11.6/208/AP/WP, Dt:06-10-2003	2003-04 to 2012-13
9	Bellampally	F (C) A/11.6/213/AP/WP, Dt:06-10-2003	2003-04 to 2012-13
10	Nirmal	F (C) A/11.6/206/AP/WP, Dt:14-05-2003	2003-04 to 2012-13
11	Khammam	F (C) A/11.6/195/AP/WP/491, Dt:05-06-2003	2002-03 to 2011-12
12	Bharachalam (N)	F (C) A/11.6//186/AP/WP1747, Dt:25-11-2003	2003-04 to 2012-13
13	Warangal (S)	F (C) A/11.6203/AP/WP, Dt:30-06-2003	2003-04 to 2012-13

Sl. No.	Name of the Division	GOI Reference through which approved	Period
14	Warangal (N)	F (C) A/11.6/197/AP/WP, Dt:12-02-2004	2003-04 to 2012-13
15	Karimnagar (E)	F (C) A/11.6/199/AP/WP, Dt:30-12-2003	2003-04 to 2012-13
16	Karimnagar (W)	F (C) A/11.6/198/AP/WP/1926, Dt:30-12-2003	2003-04 to 2012-13
17	Visakhapatnam	F (C) A/11.6/217/AP/WP/654, Dt:01-07-2003	2003-04 to 2012-13
18	Narsipatnam	F (C) A/11.6/215/AP/WP, Dt:01-07-2003	2003-04 to 2012-13
19	Srikakulam	F (C) A/11.6/230/AP/WP, Dt:29-08-2003	2003-04 to 2012-13
20	Vizianagaram	F (C) A/11.6/221/AP/WP/1746, Dt:25-11-2003	2003-04 to 2012-13
21	Nellore	F (C) A/11.6/202/AP/WP, Dt:13-08-2003	2003-04 to 2012-13
22	Giddalur	F (C) A/11.6/205/AP/WP/187, Dt:25-04-2003	2003-04 to 2012-13
23	Kurnool	F (C) A/11.6/187/AP/WP, Dt:12-11-2002	2003-04 to 2012-13
24	Proddatur	F (C) A/11.6/189/AP/WP/2722, Dt:23-03-2004	2003-04 to 2012-13
25	Kadapa	F (C) A/11.6/190/AP/WP/2723, Dt:23-03-2004	2003-04 to 2012-13
26	Mahabubnagar	F (C) A/11.6/201/AP/WP, Dt:12-02-2004	2004-05 to 2013-14
27	Hyderabad	F (C) A/11.6/236/AP/WP, Dt:12-02-2004	2003-04 to 2012-13
28	Markapur	F (C) A/11.6/145/MISC/AP, Dt:29-08-2003	2003-04 to 2012-13
29	Achampet	F (C) A/11.6//206/AP/WP/1745, Dt:25-11-2003	2003-04 to 2012-13
30	Nalgonda	F (C) A/11.6/227/AP/WP/468, Dt:10-06-2004	2003-04 to 2012-13
31	Guntur	F (C) A/11.6/287/AP/WP, Dt:28-06-2004	2004-05 to 2013-14
32	Kothagudem	F (C) A/11.6/184/AP/WP/1247, Dt:19-08-2004	2004-05 to 2013-14
33	Atmakur	F (C) A/11.6/218/AP/WP, Dt:21-09-2004	2004-05 to 2013-14
34	Medak	F (C) A/11.6/231/AP/WP, Dt:14-12-2004	2004-05 to 2013-14
35	Krishna	F (C) A/11.6/218/AP/WP, Dt:25-11-2005	2005-06 to 2014-15
36	Paderu	F (C) A/11.6/216/AP/WP/420, Dt:15-06-2006	2006-07 to 2015-16
37	Chittoor (E)	F (C) A/11.6/211/AP/WP/726, Dt:03-09-2007	2007-08 to 2016-17
38	Chittoor (W)	F (C) A/11.6/209/AP/WP/908, Dt:26-09-2007	2007-08 to 2016-17
39	Nizamabad	F (C) A/11.6/222/AP/WP/3842, Dt:23-02-2009	2008-09 to 2017-18
40	Kamareddy	F (C) A/11.6/222/AP/WP/4440, Dt:19-05-2009	2008-09 to 2017-18
41	Rajampet	F (C) A/11.6/216/AP/WP/6230, Dt:23-12-2009	2009-10 to 2018-19
42	Ananthapur	F (C) A/11.6/239/AP/WP/7352, Dt:18-06-2010	2010-11 to 2019-20

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 2012-13, 3427.53 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 – 2012-13

(Seedlings No. in Lakhs)

Sl. No.	Name of the Circle	Name of the District	Forest Department			Other Agencies	Grand Total [6+7]	Seedlings Utilized	
			Territorial Division	Social Forestry Division	Total			Total Seedlings Utilized	% Utilized
1	2	3	4	5	6	7	8	9	10
1	Visakhapatnam	Visakhapatnam	55.25	81.32	136.57	496.72	633.29	848.77	134.03
		Vizianagaram	13.15	19.36	32.51	118.25	150.76	202.74	134.48
		Srikakulam	15.38	22.64	38.02	138.26	176.28	236.26	134.03
Sub Total:			83.78	123.32	207.10	753.23	960.33	1287.77	134.10
2	Vijayawada	East Godavari	29.26	43.06	72.32	263.03	335.35	449.47	134.03
		West Godavari	4.80	7.06	11.86	43.11	54.97	73.67	134.02
		Krishna	13.55	19.95	33.50	121.85	155.35	208.22	134.03
Sub Total:			47.61	70.07	117.68	427.99	545.67	731.36	134.03
3	Guntur	Guntur	3.13	4.61	7.74	28.19	35.93	48.16	134.04
		Nellore	9.42	13.86	23.28	84.68	107.96	144.69	134.02
		Prakasam	11.4	16.77	28.17	102.46	130.63	175.08	134.03
Sub Total:			23.95	35.24	59.19	215.33	274.52	367.93	134.03
4	Anantapur	Chittoor	7.04	10.37	17.41	63.32	80.73	108.33	134.19
		Anantapur	4.31	6.35	10.66	38.77	49.43	66.25	134.03
Sub Total:			11.35	16.72	28.07	102.09	130.16	174.58	134.13
5	Kadapa	Kurnool	1.55	2.28	3.83	13.92	17.75	23.79	134.03
		Kadapa	4.50	6.63	11.13	40.49	51.62	70.57	136.71
Sub Total:			6.05	8.91	14.96	54.41	69.37	94.36	136.02
6	Warangal	Khammam	3.84	5.65	9.49	34.48	43.97	98.69	224.45
		Warangal	2.52	3.70	6.22	22.62	28.84	38.65	134.02
		Karimnagar	6.47	9.52	15.99	58.14	74.13	100.30	135.30
Sub Total:			12.83	18.87	31.7	115.24	146.94	237.64	161.73
7	Hyderabad	Rangareddy	3.72	5.47	9.19	33.42	42.61	62.12	145.79
		Nalgonda	4.99	7.34	12.33	44.84	57.17	88.26	154.38
		Mahabubnagar	6.22	9.15	15.37	55.87	71.24	95.47	134.01
Sub Total:			14.93	21.96	36.89	134.13	171.02	245.85	143.76
8	Nizamabad	Medak	8.10	11.92	20.02	72.83	92.85	134.90	145.29
		Nizamabad	4.73	6.96	11.69	42.53	54.22	72.70	134.08
		Adilabad	5.24	7.71	12.95	47.07	60.02	80.44	134.02
Sub Total:			18.07	26.59	44.66	162.43	207.09	288.04	139.09
Grand Total			218.57	321.68	540.25	1964.85	2505.10	3427.53	136.82

Block Plantations and Avenue Plantations:

An extent of 1112.00 Ha. Block Plantations and Avenue Plantations were raised over a length of 511.00 Kms.

Block & Avenue Plantations – under Social Forestry

Name of the District / Circle	Block Plantation (Hectares)		Avenue Plantation (Kms)	
	2011-12	2012-13	2011-12	2012-13
Ananthapur	10.10	0	7.50	13.00
Chittoor	10.00	0	7.50	35.00
Ananthapur Circle	20.10	0	15.00	48.00
Guntur	0	0	56.50	0
Prakasham	15.00	10.00	30.00	35.00
Nellore	5.00	900.00	20.00	15.00
Guntur Circle	20.00	910.00	106.50	50.00
Hyderabad	7.00	6.00	20.00	0
Mahabubnagar	62.00	67.00	68.00	42.00
Nalgonda	53.00	20.00	56.00	6.00
Hyderabad Circle	122.00	93.00	144.00	48.00
Kadapa	13.85	5.00	20.00	0
Kurnool	30.00	0	30.00	0
Kadapa Circle	43.85	5.00	50.00	0
Nizamabad	0	4.00	26.00	0
Adilabad	0	0	40.00	0
Sangareddy	5.00	10.00	102.00	0
Nizamabad Circle	5.00	14.00	168.00	0
Krishna	11.56	0	32.33	20.00
West Godavari	30.00	30.00	34.00	42.00
East Godavari	0	0	119.00	153.00
Vijayawada Circle	41.56	30.00	185.33	215.00
Visakhapatnam	14.60	20.00	85.00	16.00
Vijayanagaram	10.00	0	40.00	4.00
Srikakulam	20.00	0	50.00	14.00
Vizag Circle	44.60	20.00	175.00	34.00
Warangal	0	0	5.00	60.00
Karimnagar	10.00	30.00	40.00	25.00
Khammam	35.00	10.00	35.00	31.00
Warangal Circle	45.00	40.00	80.00	116.00
State Total	342.11	1112.00	923.83	511.00

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 2012-13 is Rs. 168.221 Crores.

✍ Total Expenditure incurred an amount of Rs. 356.231 Crores. Rs. 84.590 Crores under Plan and Rs. 271.641 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
- 5.1.5. Pollution Control Board

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 2012-13 Rs.271.11 lakhs are released by Government of India and upto December 2011 an amount of Rs.319.85 lakhs are spent and area of 1338 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
2012-13	271.11	605.617	1315	1338
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	56.280	50.489

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.56.280 lakhs an amount of Rs.50.489 lakhs has been spent for Project Elephant.

**2. 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 2012-13 of following components.

(Rs. in Lakhs)

Sl. No	Name of the Component	Budget Estimates	Budget Releases	Expenditure
1	Forest Protection	1120.110	1226.220	815.786
2	Wildlife	1310.410	1310.770	742.926
3	Social Forestry	2517.490	2029.150	1131.880
4	FDA	1310.000	1300.930	1091.262
5	Research	100.000	91.490	12.803
6	Training	54.59	331.190	120.575
7	IT & Communication Components	194.000	269.680	26.813
8	Preparation and revisiting of Working Plans	109.400	156.570	67.260
Total		6716.000	6716.000	4009.305

During the year 2012-13 against proposals of Rs.6716.000 lakhs an amount of Rs.4009.305 lakhs has been spent under 13th Finance Commission Grants.

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

- i. **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.
- ii. **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.
- iii. **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.

- iv. **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.
- v. **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.
- vi. **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.

- vii. **Information Technology & Communication:** To have a complete geo-spatial & Non—spatial database (tables, reports, statistical information etc.,) to aid the planning & decision making process, management and also effective monitoring & evaluation of forests and wildlife, the Forest Department has developed separate Information Technology and Communication wing headed by Addl. Prl. Chief Conservator of Forests (IT) supported by Addl. Prl. Chief Conservator of Forests (GIS), Conservator of Forests (MIS), 2 Asst. Conservator of Forests and 4 FROs. The wing is successfully functioning and developing upto date data. The wing had developed about 150 layers (geo-spatial data) on various scales, developed a web-enabled modular based APFMIS (Andhra Pradesh Forest Management Information System) and developed 14 modules out of which 10 modules are GIS-MIS based and 4 are MIS based and another 10 modules are proposed to be developed. The specialties of the IT wing are Forests officers with IT & Geomatics Expertise, Implemented award winning IT & Geomatics application. Development of ICT

infrastructure and increased penetration of technology in the department. But major concern is IT & Geomatics Expertise is Unsustainable, confined to few Forest Officers and insufficient ICT infrastructure at Range Offices and lower levels. For meeting the expenditure of hardware, software, appliances, peripherals, services 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.

viii. Preperation and Revisiting of Working Plans:

As per the guidelines of 13th Finance Commission, releases of funds from 13th finance from 2012-13 onwards are linked to completion of working plan. In Andhra Pradesh, (5) Working Plans have already expired on March 2012. Further (24) working plan are expiring by March 2013, (5) Working Plans are expiring by March 2014 and (1) Working Planis expiring 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.

**3. 12th Finance Commission Grants – Maintenance of Forests
(Central Sector Scheme – 100% Central Assistance)**

The performance of the budget in respect of Twelfth Finance Commission Grant – Maintenance of the Forests.

The amount is proposed to be spent and expenditure for the year 2012-13 of following components.

(Rs. in Lakhs)

Sl. No	Name of the Component	Budget Estimates	Budget Releases	Expenditure
1	Forest Protection	0	2.000	1.996
2	Wildlife	0	14.000	13.970
3	IT & Communication Components	0	15.000	13.148
Total		0	31.000	29.114

The project is ended by March 2010, however since there was unspent balance of Rs.31.000 lakhs to be utilized during the year 2012-13, out of which a amount of Rs.29.114 lakhs has been spent.

The funds provided by the 12th Finance Commission are utilized to achieve the objective of ensuring **Protection to Forests** against encroachments and illicit fellings. Creation of sufficient infrastructure to provide mobility to the staff, engaging of Tribal Helpers as a striking force, Survey and demarcation of Forest land, constructing internal roads in the Forests for getting (advance) information regarding various illegal activities, new quarters for stay of front line staff and sheds near check post, procurement of new vehicles in a phased manner, Secret Service Fund, Purchase of GPS Technologies and Demarcation of Forest Blocks are some of the sub-activities of this component.

The funds are being utilized for building up infrastructure in the Sanctuaries and National Parks Viz., Creation of waterholes, Development of fodder resources, Preparation of publicity material. Animal Trackers have been hired to monitor the movement of the wild animals including the Tiger under this scheme. Nature camps are also being conducted to the School Children. Funds have also been allocated for eco-restoration of Kolleru Wildlife Sanctuary.

In order to improve the quality of the planting stock and to adopt the modern methods of propagation, the existing nurseries are to be modernized by creating infrastructure facilities like mist chamber, hardening chamber, poly-propagators, root trainers, sprinkler irrigation, compost pit, vermi-compost shed and other sophisticated infrastructure. Upgradation is required, so that the nurseries will become the production centers of quality planting material i.e., clones and grafts. For Satellite nurseries, such as high level of technology input may not be required. Accordingly the department had taken up establishment of Hi-Tech Nurseries and Satellite Nurseries under **Social Forestry Component** of the scheme.

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	6.500	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	10.320	6.119
Total: B		125.000	16.820	6.119

Under the Matching State Share Scheme (MSSS) an amount of Rs.125.000 lakhs estimated, Rs.16.820 lakhs released and Rs.6.119 lakhs has been spent during the year 2012-13.

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.

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	696.590	574.101
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%)	441.630	396.620	388.469
4.	Kolleru Wetland	0	129.000	0
Total: C		2185.170	1222.210	962.570

Under the Centrally Sponsored Schemes (CSS) an amount of Rs.2185.170 lakhs estimated, Rs.1222.210 lakhs released and Rs. 962.570 lakhs has been spent during the year 2012-13.

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 2012-13 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 2012-13 Rs.499.80 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 2012-13 Rs.200.0 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.

The main components of the scheme during the 11th FYP are Forest Fire Control and Management (existing), Strengthening of Infrastructure (existing), Survey Demarcation and Working Plan preparation (existing), Protection and Conservation of Sacred Groves (New), Control and Eradication of Forest Invasive Species (New) and Preparedness for Meeting Forests (New).

During the year 2012-13, as per the instructions issued by the GOI vide AIGF (FPD, New Delhi F.No.3-2/2012 FPD, dt:09-04-2012) the proposals for Annual Work Programme under CSS ie., IFM Scheme for the year 2012-13 has submitted to GOI for an amount of Rs.209.40 lakhs & 290.60 lakhs respectively totaling to Rs.500.00 lakhs. The minutes of the meeting of Screening Committee for Intensification of Forest Management Scheme held on 25-07-2012 under the Chairmanship of Addl.DGF (FC) to consider Annual Work Plan Proposals of State of Andhra Pradesh for the year 2012-13 for grant-in-aid sanction orders are yet to be received.

Creation and Maintenance of Fire lines, Survey & Demarcation of boundaries, Engaging Fire Watches, 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. Kolleru Wetland:

The Government of India has been implementing the National Wetlands Conservation Programme (NWCP) in close collaboration with the State/UT Governments since the year 1985-86. Conservation of wetlands in the country to prevent their further degradation and ensuring their wise use for the benefit of local communities and overall conservation of biodiversity is the aim of the scheme.

The Government has released a budget of Rs.129.000 Lakhs for Kolleru Wetland under Centrally Sponsored Scheme but the amount has been not utilized.

5.1.4. NORMAL STATE PLAN SCHEMES:

(Rs. in lakhs)

Sl. No.	Name of the Scheme	Budget Estimates	Releases	Expenditure
	District Offices			
1.	i. Regional Offices / Silvicultural Research	40.000	20.000	25.214
	ii. Strengthening and Up-gradation of Forest Department / Publicity	50.000	25.000	20.690
	iii. Forest Protection	211.25	105.560	120.317
	Total: District Offices	301.250	150.560	166.221
2.	Mixed Plantation (Social Forestry)	1028.200	514.080	493.829
3.	a. Telugu Ganga Project (TGP)	61.000	30.440	107.672
	b. TGP Works (S)	0	450.000	413.103
	Total: TGP	61.000	480.440	520.775
4.	Seed Development	100.000	50.000	42.012
5.	Environmental Planting in degraded forest around urban areas	5.000	2.480	2.480
6.	Zoological Parks	589.750	322.040	301.238
7.	Sanctuaries	499.800	249.900	198.189
8.	Development of National Parks & Sanctuaries	200.000	100.000	89.856
9.	APSOF Yellandu	5.000	2.480	2.416
10.	R.V.P – Improving productivity of degraded lands in Machkund Sileru Basin.	66.000	35.480	31.429
11.	Dr. YSR Project (Addl.)	272.000	272.000	272.000
12.	COP-11	0	782.000	784.968
	Total: D	3128.000	2961.460	2905.413

During the year 2012-13 for all the Normal State Plan Schemes, an amount of Rs.2905.413 lakhs has been spent against the releases of Rs.2961.460 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.

Preperation 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 FUO 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 outside 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. 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.

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 Srisailem, 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.

12. Conference of Meetings (COP) – 11:

Under CoP-11 meeting arrangements an amount of Rs.782.00 lakhs was allotted to Forest Department for carrying out works.

For creating the planting points for CoP-11 delegates at Biodiversity Park, Gachibowli, the area has been leveled, planting points dug and prepared, plants and saplings procured, water facility provided and fencing erected for protection purposes. Bills to a tune of Rs.35.00 lakhs has been submitted for payment.

For providing a face lift for the (3) Zoos in Andhra Pradesh an amount of Rs.307.00 lakhs has been budgeted. NZP, Hyderabad the visitors orientation centers has been setup, aquarium and natural history museum is being renovated, Pre historic animal park renovated, main gate and entrance renovated, Zoo completely landscaped all at a cost of Rs.102.00 lakhs and bills to a tune of Rs.50.00 lakhs has been submitted for payment.

Similarly, at IGZP, Visakhapatnam, visitor road improvement has been taken up and Battery operated vans ordered for delivery. In SVZP, Tirupathi Battery operated vans ordered for visitors purposes.

In Kasu Brahmananda Reddy National Park the work of Improvement to visitors path including hedge planting, strengthening of protection, erection of watch tower, improvement of water resources, improvement to signage's and publication of posters, brochures etc., visitor interpretation materials were carried out for Rs.53.50 lakhs.

In Mrugavani NP the works of Improvement to visitor area like construction of toilets, cottages, EEC, Lawns and water facilities. Besides this improvement of safari path and way to the existing watch tower improvement to signage's and publication of posters, brochures etc., visitor interpretation materials were carried out for Rs.49.25 lakhs.

In Mahavir Harina Vanasthali NP the works of Improvement to visitor area like construction of toilets, repairs of cottages, improvement of EEC, Lawns and water facilities and construction of Souvenir shop. Besides this improvement of safari path and way to the existing watch tower were taken up and improvement to signage's and publication of posters, brochures etc., visitor interpretation materials were carried out for Rs.69.00 lakhs.

In NSTR, developmental works has been undertaken with special emphasis on improving the visitor amenities like establishing watch tower, Biodiversity lab at Sundipenta, Ecological Knowledge Park at Srisailam, Conservation Education and Awareness programme. Against Rs.162.00 lakhs allotted, already works are being completed to the tune of Rs.107.00 lakhs and payment made for Rs.62.00 lakhs.

5.1.5. POLLUTION CONTROL BOARD:

Government has allotted budget to forest department for pollution control. The Forest Department transfer the same to the Pollution Control Board for utilization the funds. Under 13th Finance Commisiion Grants, Purchase orders were placed for procurement of laboratory equipment required for Real Time Noise Monitoring Stations (5 Nos), Continuous Ambient Air Quality Monitoring Stations (8 Nos) and Water Quality Monitoring for a total value of Rs.1273.000 lakhs, out of which Rs.194.000 lakhs was already released to the suppliers. An amount of Rs.247.000 Lakhs (approx.) is expected to release to the suppliers by 20th March, 2013. There is a committed expenditure of Rs.832.000 lakhs. The Board has received Rs.496.000 lakhs in October, 2012 against the budget allocated for the year 2011-12. The budget of Rs. 496.000 lakhs earmarked for the year 2012-13 has to be released.

The budget of Rs.496.000 lakhs was earmarked for the year 2012-13. After receipt of funds against this allocation, a tender will be floated for purchase of laboratory equipment required for Air and Water Quality Monitoring for the balance funds of Rs. 215.000 lakhs (approx.).

(Rs. In lakhs)

Sl.No.	Name of the Scheme	Budget Estimates	Releases	Expenditure
1.	Pollution Control Board	500.000	496.000	496.000

Under the Pollution Control Board an amount of Rs.500.000 lakhs estimated, Rs.496.000 lakhs released and Rs.496.000 lakhs has been spent during the year 2012-13.

☞ Total Plan Expenditure (5.1.1. to 5.1.5) = **8459.010** 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 2012-13 the budget estimate is Rs.31119.490 lakhs. The allocation exclusively for works under (03) – District Offices is Rs.3095.440 lakhs (270/271-O.E & 272-Maint.), out of which the allocation for DET scheme was Rs.2702.840 lakhs, as this is a revenue fetching item of expenditure.

The details of this works item of Rs.3095.440 lakhs for the year 2012-13.

(Rs. In lakhs)

Sub-Detailed Head	271 – Other Expenditure	272 – Maintenance	Total
District Offices	338.460	54.140	392.600
Department Extraction of Timber	2661.540	41.300	2702.840
Total	3000.000	95.44	3095.44

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	Releases	Expenditure
5.2.1	District Offices	31119.49	22673.778	22673.778
5.2.2	Buildings	172.210	69.300	69.300
5.2.3	Sanctuaries	2746.130	2044.092	2044.092
5.2.4	Nehru Zoological Park	193.740	184.297	184.297
5.2.5	Other Zoological Parks	258.490	236.039	236.039
5.2.6	APSOY Yellandu	146.330	109.337	109.337
5.2.7	RVP – Machkund Basin	346.280	229.377	229.377
5.2.8	Head Quarters	3172.310	1524.511	1524.511
5.2.9	Trainings	5.890	2.624	2.624
5.2.10	A.P. Science Centre	79.120	90.722	90.722
Total		38239.990	27164.077	27164.077

During the year 2012-13 the allocation of the budget estimates under all Non-Plan Schemes was Rs.38239.990 lakhs and the Expenditure incurred is Rs.27164.077 lakhs.

✍ Total Non-Plan Expenditure (5.2.1 to 5.2.10) = **27164.077** Lakh Rupees

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 item of 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, Srisailam, 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 / 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.

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 2012-13 the revenue received of Rs. 16822.120 Lakhs.

✍ Total Expenditure	=	356.231 Crore Rupees
✍ Total Revenue	=	168.221 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.2553.320 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. 17283.780 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%)
2102-13	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 2010-11 to 2012-13 are given below:

Sl. No.	Name of the Paper Mill	No. of BIC's / Tonnes Supplied			Royalty Collected Rs. in Lakhs		
		2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
1.	A.P. Paper Mills, Rajy.	-	767704 / 7397.500	198691 / 3311.516		134.348	34.771
2.	Sirpur Paper Mills	21625 / 360.417	84157 / 1402.616	38026 / 633.767	3.604	14.727	6.655
3.	Bhadrachalam Paper Boards	-	261126 / 4352.100	56014 / 933.567		45.697	9.802

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 2008-09 to 2012-13.

Sl.No.	Year	Bamboo supplied in Nos
1	2008-09	3329682
2	2009-10	1638726
3	2010-11	1192411
4	2011-12	3208358
5	2012-13	5084151

6.3– COLLECTION OF BEEDILEAFS, TARGETS & ACHIEVEMENTS:

The Beedi leaf Trade was Nationalised in all the 10 Districts of Telangana Region with effect from 09-11-1970 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 in all 339 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, Srisaillam. 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 (FROs)	67
2	Deputy Range Officers	84
3	Forest Section Officers	218
4	Forest Beat Officers	621
5	Asst. Forest Beat Officers	250
6	Managers	330
7	T.O. (STC)	
8	Superintendents	
9	Senior Assistants	
10	Junior Assistants	
11	L.D. Stenos	
12	Typists	
13	Office Subordinates	
14	Drivers	
Total:		1570

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 had 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 2012 season, departmental collection of beedi leaf was undertaken in (333) units, out of (339) beedi leaf units and (6) units remained unsold. The Circle-wise collection figures during 2012 Beedi Leaf season are furnished below. The target fixed for sold units is 4,36,540.508 SBs.

Sl. No.	Name of the Circle	No. of units worked	Beedi Leaves collection in SBs(**)
1	Khammam	55	110691.978
2	Warangal	127	130094.766
3	Adilabad	86	122680.362
4	Nizamabad	40	24551.274
5	Hyderabad	22	8078.225
6	FDPT Srisailam	3	994.685
Total:		333	397091.290

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

The details of revenue realized and expenditure incurred pertaining to the 2012 season based on the progressive reports received are furnished hereunder:-

- | | |
|--|-----------------------------------|
| 1) Revenue realised | - Rs. 75.59 Crores (As on date) |
| 2) Expenditure incurred | - Rs. 33.16 Crores (As on date) |
| 3) Net revenue during the financial year 2012-13
(to be distributed to Beedi Leaf Collectors) | - Not yet finalised (Anticipated) |

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 2012 Beedi Leaf Season vide G.O.Ms.No. 581, EFS&T (For.III) Dept., dt. 20-12-2011. The Advisory Committee was constituted by the Government vide G.O. Rt. No. 194, EFS&T (For.III) Dept., dt. 24.11.2010 for 2012 Beedi Leaf Season.

The A.P. Forest Development Corporation Limited has availed a loan for various works of 2012 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. 52, EFS&T (For.III) Dept., dt. 16-07-2012 with financial out lay of Rs. 53.33 Crores.

The cost of the establishment and other charges Rs. 76.03 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 2012 beedi leaf season 3,97,091.290 Standard Bags were collected from 333 units sold, out of the total 339 units under the scheme. The balance (6) 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 sale 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 for each individual for the year 2012-13 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 mandays work was generated during the peak summer period mostly by tribals and other weaker sections during 2012 Beedi Leaf Season. The scheme also helped unemployed, educated youth, tribals and other weaker sections in the villages who were appointed as khalladars.

Totally about Rs. 37.49 Crores was spent as Beedi Leaf collection charges to the rural poor at about 3216 collection centres (khallas) within a short span of about 2 months during April & May in the lean agricultural season.

During, the 2012 season, (333) units were disposed in the forward trading and 3,97,091.290 standard Bags of Beedi Leaf was collected fetching a Gross Revenue of Rs.1253.77 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 2012-13 (83) Dwajasthambams covered in 15 Districts, were supplied to Devasthanams of temples in the state.

SI. No.	Name of the District	Number of Dwajasthamabams
1	Chittoor	1
2	East Godavari	2
3	Guntur	16
4	Hyderabad	4
5	Karimnagar	15
6	Khammam	3
7	Krishna	5
8	Mahabubnagar	3
9	Medak	1
10	Nalgonda	2
11	Nellore	3
12	Prakasham	16
13	Rangareddy	3
14	Warangal	4
15	West Godavari	5
Total		83

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 19 Government Bamboo depots existing during the year 2012-13. 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 2012-13

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. GTD, Echoda	-
		2. Nirmal	2. GTD, Khnapur	-
		3. Jannaram	3. GTD, Jannaram	-
		4. Mancherial	4. GTD, Bheemaram	1. GBD, Devapur
		5. Bellampalli	-	2. GBD, Bellampalli
		6. Khagaznagar	5. GTD, Khagaznagar	3. GBD, Asifabad
2	Nizamabad	1. Nizamabad	1. GTD, Nizamabad	-
			2. GTD, Varni	
		2. Kamareddy	3. GTD, Gandhari	-
			4. GTD, Yellareddy	
			5. GTD, Thurumanpalli	
3	Hyderabad	1. Hyderabad	1. GTD, Saheb Nagar	-
4	Warangal	1. Warangal (North)	1. GTD, Eturunagaram	-
		2. Warangal (South)	2. GTD, Narasampet	1. GBD, Chintaguda
		3. Karimnagar (East)	3. GTD, Mahadevpur	-
		4. Karimnagar (West)	4. GTD, Bhoopal pally	-
5	Khammam	1. Khamman	1. GTD, Sathupalli	1. GBD, Julurpadu
		2. Kothagudem	2. GTD, Yellendu	-
		3. Paloncha	3. GTD, Paloncha	2. GBD, Kuknoor
			4. GTD, Manuguru	-
		4. Bhadrachalam (South)	5. GTD, Rekhapally	-
5. Bhadrachalam (LD)	6. GTD, Bhadrachalam	3. GBD, Mothugudem		
	7. GTD, Chintoor			
6	Visakhapatnam	1. Visakhapatnam	-	1. GBD, Chodavaram
		2. Narsipatnam	1. Narsipatnam	-
			2. Golugonda	-
			3. Sileru	-
			4. Lothugedda Junction	-
			5. Vedurunagram (Temp)	-
		3. Vizianagaram	6. Phoolbagh	3. GBD, Saluru
	7. Vizianagaram	-		
7	Rajahmundry	1. Rajahmundry (LD)	1. GTD, Rajahmundry	-
			2. GTD, Addatheegela (Temp)	-
			3. GTD, Polavaram	-
			4. GTBD, Donkarai	-
2. Jangareddygudem (LD)	5. GTBD, Jangareddygudem	-		
	3. Kakinada	-	-	
8	Guntur	1. Giddalur (LD)	1. GTD, Diguva Metta	1. GBD, Papinenipalli
				2. GBD, Shivaji Rao Peta
9	Kurnool	1. Nandyal (LD)	1. GTD, Gajulapalli	1. GBD, Gajulapalli
		2. Proddutur (WLM)	2. GTD, Rudravaram	2. GBD, Rudravaram
		3. Kadapa	-	3. GBD, Porumamilla
10	FDPT Srisailam	1. Atchampeta	1. GTD, Atchampeta	-
			2. GTBD, Kollapur	-
		2. Atmakur	3. GTB, Bairlutty	1. GBD, Velgode
		3. Markapur	-	2. GBD, Dornal
	4. Nagarjuna Sagar	-	-	

6.6 – PRIVATE SAW MILLS, TIMBER & BAMBOO DEPOTS:

There are 4728 Private Saw Mills and 1972 Private Timber Depots are existing during the year 2012-13.

NUMBER OF PRIVATE SAW MILLS AND TIMBER DEPOTS AS ON MARCH 2013

Sl. No.	Name of the Circle	Name of the Division	No of Private Saw Mills	No of Private Timber Depots
1	2	3	5	6
1	Adilabad	1. Adilabad	8	14
		2. Bellampally	3	3
		3. Kaghaznagar	7	0
		4. Mancherial	12	5
		5. Nirmal	27	7
		6. Jannaram	2	0
Total			59	29
2	Nizamabad	1. Nizamabad	116	0
		2. Kamareddy	52	0
		3. Medak	237	0
Total			405	0
3	Hyderabad	1. Hyderabad	861	586
		2. Mahabubnagar	254	23
		3. Nalgonda	287	5
Total			1402	614
4	Warangal	1. Warangal (N)	191	37
		2. Warangal (S)	39	17
		3. Karimnagar (E)	33	5
		4. Karimnagar (W)	236	12
Total			499	71
5	Khammam	1. Khammam	120	6
		2. Kothagudem	13	10
		3. Poloncha	1	0
		4. Bhadrachalam (N)	2	2
		5. Bhadrachalam (S)	0	0
Total			136	18
6	Visakhapatnam	1. Vishakapatnam	215	48
		2. Narsipatnam	14	2
		3. Srikakulam	86	36
		4. Vijayanagaram	107	13
Total			422	99

Sl. No.	Name of the Circle	Name of the Division	No of Private Saw Mills	No of Private Timber Depots
1	2	3	5	6
7	Rajahmundry	1. Eulur	230	112
		2. Kakinada	273	284
		3. Vijayawada (Krishna)	312	123
Total			815	519
8	Guntur	1. Giddalur	94	28
		3. Guntur	230	281
		4. Nellore	147	55
Total			471	364
9	Kurnool	1. Kurnool	88	34
		2. Kadapa	27	0
		3. Nandyal (WLM)	16	19
		4. Proddutur (WLM)	50	7
Total			181	60
10	Ananthapur	1. Ananthapur	124	27
		2. Chittoor (West)	60	29
Total			184	56
11	WLM Tirupati	1. Chittoor (East) WLM	43	12
		2. Rajampet WLM	14	7
		3. Tirupati WLM	21	57
Total			78	76
12	FDPT Srisailam	1. Athmaur	13	39
		2. Achampeta	24	8
		3. Markapur	27	19
		4. Nagarjuna Sagar	12	0
Total			76	66
Grand Total			4728	1972

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 2012-13 is Rs. 16822.12 Lakhs against the Revenue of Rs.14885.64 lakhs realized during the year 2011-12. 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 2011-12 & 2012-13

(Rs. In Lakhs)

Sl.No.	Major Heads	2011-12		2012-13	
		Revenue	Percentage	Revenue	Percentage
MH-101-Sale of Timber & Other Forest Produce					
1	(01) – Sale of Timber	2431.48	16.33	2478.39	14.73
2	(02) – Sale of Bamboo	1887.47	12.68	2212.41	13.15
3	(03) – Sale of Firewood & Charcoal	48.74	0.33	74.93	0.45
4	(04) – Sale of Other Forest Produce	12.38	0.08	12.44	0.07
5	(05) – Receipts form B.L.	31.52	0.21	34.46	0.21
6	(06) – Receipts from teak plants	2191.55	14.73	1733.47	10.31
7	(07) – Receipts from Cashew plants	42.29	0.28	41.89	0.25
8	(08) – Receipts from other plants	157.68	1.06	232.00	1.38
9	(09) – Receipts from Red Sanders	13.92	0.09	370.50	2.20
10	(10) – Receipts from thinning Operations	0	0	2.92	0.02
MH 800 – Other Receipts:					
11	(01) – Leave Salary Contribution	0	0	0.20	0.00
12	(02) – Fine and Forfeitures	21.15	0.14	17.22	0.10
13	(03) – Rents from Buildings	7.82	0.05	9.00	0.05
14	(04) – Compounding fee	2130.91	14.32	2229.85	13.26
15	(05)–Receipts from charitable Inst	0.01	0.00	1.13	0.01
16	(06) –Legal Charges collected from APFDC	0	0	0	0
17	(77) – User charges	106.59	0.72	108.32	0.64
18	(80) – Sale of Waste paper	18.25	0.12	34.02	0.20
19	(81) – Other Receipts	5783.88	38.86	7228.97	42.97
	Grand Total:	14885.64	100.00	16822.12	100.00

The Revenue was increased by Rs.1936.48 lakhs during the year 2012-13 as compared to 2011-12. 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 2011-12 & 2012-13.

(a) Plan Expenditure:

(Rs. In Lakhs)

Sl. No	Name of the Scheme	2011-12		2012-13	
		Expenditure	Percentage	Expenditure	Percentage
1	Externally Aided Projects	0	0	0	0
2	Central Sector Schemes	4058.076	57.15	4584.908	54.21
3	Matching State Share Schemes	0	0	6.119	0.07
4	Central Sponsored Schemes	909.768	12.81	962.570	11.38
5	Normal State Plan Schemes	2133.062	30.04	2904.413	34.34
6	RIDF	0	0	0	0
Total:		7100.906	100.00	8458.010	100.00

(b) Non-Plan Expenditure:

(Rs. In Lakhs)

Sl. No	Name of the Scheme	2011-12		2012-13	
		Expenditure	Percentage	Expenditure	Percentage
1	Head Quarters	1583.538	6.09	1524.511	5.61
2	District Offices	21613.627	83.09	22673.778	83.47
3	APSOY Yellendu	115.933	0.45	109.337	0.4
4	Sanctuaries	1933.555	7.43	2044.092	7.53
5	Nehru Zoological Parks	171.085	0.66	184.297	0.68
6	Other Zoological Parks	193.494	0.74	236.039	0.87
7	Buildings	73.882	0.28	69.300	0.26
8	Afforestation etc, in Muchkund Basin (RVP)	216.568	0.83	229.377	0.84
9	Training	4.954	0.02	2.624	0.01
10	A.P. Science	107.010	0.41	90.722	0.33
Total:		26013.646	100.00	27164.077	100.00

7.3 – REVENUE AND EXPENDITURE:

COMPARISON STATEMENT OF REVENUE AND EXPENDITURE AND NET REVENUE FOR THE YEAR 2009-10 TO 2012-13

(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
4	2012-13	16822.120	8459.010	27164.077	35623.087	-18800.967

An amount of Rs.2508.535 lakhs additionally incurred expenditure and Rs.1936.480 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 31-03-2013.

Sl. No.	Designation	Nos.
1	Prl. Chief Conservator of Forests & HoFF	1
2	Prl. Chief Conservator of Forests & Chief Wildlife Warden	1
3	Spl. Prl. Chief Conservator of Forests	1
4	Addl. Prl. Chief Conservator of Forests	50
5	Chief Conservator of Forests	23
6	Conservator of Forests	19
7	Dy. Conservator of Forests (I.F.S Cadre)	29
8	IFS (Probationary)	5
9	PS to PCCF	1
10	Dy. Conservator of Forests (State Cadre)	22
11	Assistant Conservator of Forests	158
12	Non-Executive Officers {CAO/AO/GA(T),GA(Non-T)}	19
13	Range Officers	426
14	Dy. Range Officers	391
15	Foresters	1298
16	Forest Beat Officers	2916
17	Assistant Beat Officers	1458
18	Ministerial and Others	3036

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*”

I. FACILITIES:

The Academy is having all types of infrastructures with latest Audio and Video equipments. The Administration Block is the main hub to all activities taken up in the Academy. A Hostel Building with (32) rooms –twin beds) and a Old Hostel, Dormitory and (4) Residential Quarters to Deputy Directors, (4) Quarters for Forest Range Officers and (20) for Class IV Office Sub-ordinates. 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.

II. 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-2), & Asst. Conservator of Forests-8) (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 i.e., (1) Superintendent, (2) Senior Assistants, (1) Jr. Asst (6) Office Sub-ordinates and (3) Office Associates (on contract basis) & (2) Computer Operators (Contract Basis) apart from subject experts on various sources are invited from time to time as resource persons for regular and refresher trainings.

III. 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 2012-13 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 2012-13

1. Forest Beat Officers:(6 months Induction Training)

13th Batch Training programme organized to Forest Beat Officers (FBOs) Induction Training for (6) Months with (60) participants and 14th Batch FBO course with (58) participants and successfully completed. A study tour on professional interest in A.P. also taken up for (15) days to each batch

2. Forest Section Officers:

A Training Programme was organized to Forest Section Officers for a period of (12) months with (67) participants and also a study tour for (15) days was completed successfully.

3. Forest Range Officers:

The Forest Range Officers induction training for a period of (18) month was organized to (38) trainees covering with (4) States of Maharashtra, Kerala, Tripura and Madhya Pradesh. Sri Pankaj Dwivedi, IAS, Chief Secretary to Government of A.P. was inaugurated the training programme.

A convocation was held on 13-08-2013 in which Sri Jude Shekar, Director General of Forests, MoEF, Sri M. Samuel, IAS, Spl. Chief Secretary, EFS&T, Govt. of A.P & Dr. Dharmendra Verma, IFS Director of Forest Education, GoI, Sri A.K. Joshi, IFS, Maharashtra, Sri R.R. Verma, IFS, Prl.CCF-Kerala and Sri B.S.S. Reddy, IFS, Prl. CCF of A.P., are guests of honors. Further, IFS Memorial Awards is also presented.

UNDER CAMPA:(IN CAMPUS)

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 and 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 (52) trainings by covering (1278) participants during year 2012-13 under CAMPA. All these innovative methods help in practices.

- ✍ (4) Training Programmes with (55) participants organized programme on “Silviculture Techniques & Treatment Practices” by covering topics of collection of Seeds & Technology, Raising high Value Seedlings and etc. Field visits were also organized to Gudlapochampally and Hakimpet
- ✍ (3) Training Programmes with (82) participants was organized on “Modern Nursery Techniques & Plantation Management” with rising & maintenance of nurseries & plantations with latest techniques are the topics.
- ✍ (5) Training Programmes with (85) Participants 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.
- ✍ (2) Training Programmes on “Strategies for Effective Forest Protection” were organized with (61) Participants 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.
- ✍ (3) Trainings with (45) participants were organized on “Enhancing Conviction rate in Court Cases” and creating awareness on Biodiversity Act, Wildlife (Protection) Act 1972, the provisions and procedures to be following in booking of Wildlife Offences, A.P. Forest Act & rules made there under, PD Act etc., Hands on preparation of Case Records – ABC forms, Prosecution and production of witness are some of the topics covered.
- ✍ (3) Trainings with (50) participants were organized on “Personality Development” and communication skills, stress management, positive thinking and yoga practices, Health Management, Motivation Skills and Review of Goals are some of the topics covered in the course.
- ✍ (1) Training programme with (50) participants was organized on “ Barren Hill Afforestation” with Formation of Barren Hills, improve the existing vegetation, characters of Barren Hills, soil texture, soil depth, quality of existing soils, treatment of soils and moisture conservation works in BHA area are some of the topics covered in the course.
- ✍ (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.
- ✍ (5) Refresher Training Course on Three Weeks duration with (114) participants in the state by covering ABOs/FBOs/FSOs organized under CAMPA Scheme. A Course scheduled with (10) modules (50) Lecture Sessions & (20) Practical Sessions) with PT & Games was designed. In addition an intensive Four day field training was also included in the programme. By covering Silviculture Survey, Forest Law, Forest Protection, Forest Mensuration, Wildlife Management and Bio-diversity conservation, implementation of various schemes and book keeping are some of the topics covered in the programme.

- ✍ (4) Training Programmes on “Basics of Office Procedure file maintenance stock files, note files and file circulation procedure” were organized with (83) participants. Maintenance of Cash Accounts, Office procedures, Estimate preparation, file register, moment of file register and maintenance of pensions and M. Book are the topics covered in the training programme.

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

WORK SHOPS/SEMINARS UNDER CAMPA (OFF CAMPUS):

- ✍ (1) Training with (86) participants programme organized on “Aided Natural Regeneration at Vallur” with Natural resources, Renewable Non Renewable, Optimum utilization of NRs. Impact on Nature due to over exploitation, on sustainable livelihoods due to over exploitation of NRs are covered as topics in the training programme.
- ✍ (4) Training Programmes with (228) participants was organized on “Construction and Civil Works Four Divisions-Hyderabad, Kamareddy, Karimnagar and Nirmal Divisions) with Estimates preparation, Lead Statement, Data Sheets, Market Rates-Detailed Estimate, Case studies, Tenders-Sealed Cover/E-Procurement with procedures laid down, Preparation of Running Bill, Final Bill and Scrutiny-Deductions like Cess, VAT, IT etc) are some of the topics covered.
- ✍ (2) Programmes with (134) participants organized on “Personality Development” and Positive Thinking, Work Place Attitude, Communication Skills, Work Life Balances, Worship, Health & Life Style Management are some of the topics covered in the training.
- ✍ (2) Training programmes with (121) participants organized on ”Strategies for effective Forest Protection in Two Circles at Thirupathi & Warangal”. Forest Protection and relevant Cases, Forest Conservation Act 1980 w.r.t existing cases, Bio-Diversity Act 2002, formation of BMCs, Court Cases, interpretation of various sections & provisions of Wildlife Protection Act, 1972 and booking of cases and follow up in Court trails and submitting the case records before the Magistrates are some of the topics covered in the course.
- ✍ (1) Training with (91) participants programme was organized on “Enhancing conviction rate in court cases at Visakhapatnam Circle” with Overview of Forest Offense cases, Procedure in Prosecution Cases, Wild Life Protection Act, 1972, and Forest Management Act 1967, PD Act habitual smugglers, Bio-Diversity Act, filing of charge sheet, combating Wildlife Crime are some of the topics covered during the training programme.
- ✍ (1) Training with (60) participants programme was organized on ‘Biodiversity Act, Wildlife Protection Act and their implementation at Dornala of FDPT Srisailam Circle” with Forest Protection, Wildlife Protection Act, 1972 and its application, Case Studies/Filing of Charge Sheet/Recording of Confessional statements in connection with Forest/Wildlife Offences, Effective Enforcement of Forest Laws, Penalties under Wildlife Protection 1972 and Bio-Diversity Act, 2002 are some of the topics covered in the programme.
- ✍ (1) Training with (38) participants programme was organized on “Teak Nursery & Plantation Techniques at TDC, Chatakonda Kothagudem” and Introduction of Teak and its Utilization advantages, experience sharing on rising nurseries & plantations,

Explaining on Yield and Economics, Rotation and Final Harvesting, Silvicultural Thinnings, Nurseries with demonstration are some of the topics covered in the course.

IV. WORKSHOPS/SEMINARS UNDER CAMPA:

- (1) (1) Day workshop on “RoFR Act and other Forestry Issues” was organized with (94) participants. Podu cultivation, Urbanization, Industrialization, Mining, Irrigation, Projects, Electrification, Land Diversion, Diseases, Over-exploitations of MFP, Biotic pressure, Fire wood, Grazing, Fires, Smuggling, Roads, Communication Network and Regularization of Podu Cultivation Lands are some of the topics covered
- (2) (1) Day workshop with (94) participants organized on “Account Formats of CAMPA”
- (3) (1) Day workshop on “Action Planning” was organized with (35) participants. The main objective was to review the progress of implementation of various forestry works.

V. 13th FINANCE COMMISSION (IN CAMPUS)

During 2012-13 under 13th Finance Commission Scheme (12) Trainings with (220) participants were conducted.

✍ Biodiversity Conservation:

- (2) Training Programmes with (18) participants organized on “Biodiversity Conservation” by covering Bio-Diversity Conservation Act 2002 an over view, practical implementation, Bio-Diversity Conservation Rules, 2004 and rules and forms to be prepared are the topics covered.
- (2) Trainings with (42) participants on “Strategies for effective Forest Protection” were conducted. Booking Forest Offences, Filing of Charge Sheets in Court of Law, Forest Protection, Strategies, Preparation of Complaint and PD Act against practical experience and winning cases in Supreme Court are some of the topics covered.
- (1) Training with (14) participants a programme organized on “Modern Nursery Management” by Raising of Tall Plants Nursery and its techniques, Teak Nurseries in Traditional Systems, Modern Nursery Techniques and Yield Assessment objectives of MGVN nurseries and implementation procedures are the topics covered.
- (3) Training Programmes with (56) participants were organized on ‘Enhancing Conviction rate in Court Cases’ and Booking of Forest Offences and Filing Charge Sheet, PD Act, Biodiversity Act and its applications, follow up action and Wildlife Protection Act 1972 and prosecution of Wildlife Offences are the topics covered in the Training.
- (1) Training Programme with (22) participants organized on “Barren Hill Afforestation” by covering topics as Causes for formation of Barren Hills, improve the existing vegetation, choice of species. Barren Hill Afforestation under MGNREGS Scheme and periodic survival enumeration.
- (1) Training with (13) participants was organized on “Silviculture Techniques and Treatment Practices” and Management of Bamboo and other Economic important species, modern techniques of nursery, forest species and medicinal plants, NTFP Survey, Evaluation of Eco System Services and attitude to work and use of modern technology in Silviculture Techniques and Treatment Practices are the topics covered.

- (1) Training programme organized with (22) participants on “Livelihood Strategies in Forest Fringe Villages” by covering the topics as Forests in enhancing livelihoods, Fodder Management for sustainable livelihoods, Case Studies, NTFP Value addition and marketing, Bio-Diversity Conservation and Medicinal Plants for livelihood enhancement.

VI. WORKSHOPS/SEMINARS UNDER 13TH FINANCE COMMISSION:

During 2012-13, under the 13th Finance Commission Scheme (5) Workshops/Seminars conducted and (549) participants were attended. Details are hereunder:

1. One Day Workshop on “Biodiversity Conservation for enhanced livelihoods (Earth Day) were organized and (200) participants were attended the workshop.
2. One Day Workshop on ”Environment Day” were organized and (175) participants attended the workshop.
3. One Day Workshop on “Forest Biodiversity Related Issues” with (72) participants from all over the State attended the workshop.
4. One Day workshop on “Biodiversity Quiz for CAFÉ” organized and (66) participants were attended.
5. One Day workshop with (36) Participants organized on” Forest Management Issues”

VII. TRAINING PROGRAMMES UNDER 13TH FINANCE COMMISSION (OFF CAMPUS):

The main objective of the Training and Capacity Building activities under taken by Forest Department is to ensure successful adoption of new concepts by the field staff. To cover more numbered training programmes, a decision to organize Off-campus trainings in a big manner. It will not only to reach more number but also ensure that, programmes are custom designed to meet the specific local requirements. During the Year 2012-13, (6) Training Programmes covering (331) participants.

1. One Training Programme on “Wildlife Protection and Management” at Eluru was organized with (53) participants. Wildlife Offences, Important aspects of investigation in Wildlife offences, launching of prosecution and trial procedure complaint and encroachment cases, Forest Conversation Act, 1980 w.r.t. the existing cases, detection of Forest offences, Saw Mill Rules, Depot Rules and Transit Rules, Provisions of PD Act and ensuring Zero Felling of RED SANDERS strategies are some of the topics covered.
2. One Training Programme with (35) participants was organized on “”Barren Hill Afforestation at Mahabubnagar”. Causes for formation of Barren Hills, improve of existing vegetation, Soil texture, soil depth, quality of existing soils, species suitable for BHA and techniques involve in Barren Hill Afforestation-Field experiences are covered some of the topics.
3. One Training Programme with (45) participants was organized on “ Strategies for effective Forest Protection at TDC Chatakonda, Kothagudem” and Biodiversity Act and its provisions in Forest Offences, Provisions of CRPC, Evidence Act, Wildlife Protection Act, Powers delegated up to FRO level, Submitting the Case Records before the Magistrate and allied activities are covered as topics.
4. One Training Programme with (95) participants conducted on ”Teak Nursery & Plantation Techniques at Jannaram, Nirmal and Adilabad” was organized. Morphology of Teak and Seed Collection and Storage, Nursery Techniques in Teak and Preparation of Stump,

Plantation Techniques and Maintenance of Coppice growth in Teak are the topics covered.

5. One Training Programme with (51) participants on "Enhancing conviction rate in court cases at Vallur, Medak" was organized. Booking of Forest Offences, Filing Charge Sheet, PD Act, Biodiversity Act and its application in forest offences and the allied activities to be taken up are the topics covered.
6. One Training Programme on "Personality Development at Rajahmundry" was organized with (52) participants. Communication Skills, Stress Management, Positive Thinking and Yoga Practices, Health Management, Motivation Skills and Review of Goals and guiding principles for a good society are some of the topics covered.

VIII. GOVERNMENT OF INDIA TRAININGS DURING 2012-13

1. Two weeks Refresher Course : (4) Trainings with (105) 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. Two Training Programmes with a (50) participants conducted one week refresher course. Forest Protection, Amendment to Indian Forest Act 2012 & ROFR Act, Use of Computer in Range Management, Biological Diversity Act 2002 and Forest Resources, Mensuration, State of art techniques of survey such as total system are the topics covered.
3. Two Training Programmes organized and (52) IFS Officers were attended. Biodiversity Documentation at BMC level initiatives and way forward, overview of the programme, Economic Valuation of Eco system Services, Significance of tree borne oilseed varieties and their conservation and Urban Biodiversity Conservation initiatives by Buddha Purnima Project Development Authority at Lumbini Park, Ecosystem Valuation-Case study on impact of NREGS, and overview of the program are the topics covered.

OTHER ACTIVITIES:

1. Children And Forest Education (CAFÉ):
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 (48) programmes with (2893) participants getting sensitized. The School children and teachers are taken on a nature trail, 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 (46) with (8132) 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 (48) and Total No. of Participants (3971)
- (d) Special Programmes: Special Workshops/interactive sessions are held on the \ occasion of Earth Day, World Environment Day, Clean and Green Programmes, Identification of Plants by covering (5310) participants and (28) programmes were conducted.

TRAININGS CONDUCTED AT A.P. FOREST ACADEMY, DULAPALLY

Sl. No	Category		2011-12	2012-13
1.	No of Trainings		92	94
2.	V.S.S.		(No. of Participants Attended)	
	C.P.s	Male	0	0
		Female		
	Members	Male		
Female				
3.	NGOs / CEWs	Male	0	0
		Female		
4.	Officers & Executive Staff	C.F.s	79	89
		D.F.O.s	63	48
		D.C.F.s	54	6
		A.C.F.s	136	55
		F.R.O.s	195	202
		D.R.O.s	288	177
		F.S.O.s	753	654
		F.B.O.s	941	914
5.	Ministerial Staff	A.B.O.s	448	351
		Mgr/AO	2	2
		Suptds.	11	34
		TO/TAs	21	20
		Sr.Assts.	20	56
		Jr.Assts.	7	47
6.	Others	Typists/ Steno	1	189
			169	499
Total:			3188	3343

*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, Tropical Pines, Coffee, Cashew and Casuarina 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

Sl. No	Species	(Area in Ha)	
		31 ST MARCH 2012	31 ST MARCH 2013
1	Eucalyptus (Seed Origin)	15983.94	12734.20
2	Eucalyptus (Clonal)	40358.92	44197.06
3	Bamboo	12068.56	10559.47
4	Cashew	9526.22	8950.86
5	Coffee	4010.00	4010.00
6	Teak	844.32	929.32
7	Medicinal Plants	524.80	524.80
8	Casuarina, Pines and other Miscellaneous species	352.29	317.78
Total		83669.05	82223.49

RAISING OF PLANTATION

Sl. No	Species	Area Planted in Ha	
		2011-12	2012-13
1	Eucalyptus	4137.80	3547.60
2	Bamboo	152.25	70.00
3	Cashew – Gap Planting	0	0
4	Coffee – Enrichment Planting	41.37	32.49
5	Teak	0	0
6	Others	0	0
Total		4331.42	3650.09

PRODUCTIVITY OF VARIOUS PLANTATIONS

Sl. No	Species	2011-12	2012-13
1	Eucalyptus-Pulpwood (MT)	214413	220000
2	Bamboo-industrial cuts (MT)	2119	1130
3	Bamboo- Long Bamboo (Nos)	3279000	3100000
4	Cashew (MT)	400.00	146.00
5	Coffee (MT)	452.86	546.00
6	Pepper (MT)	18.50	15.00

Financial achievement from the year 2008-09 to 2012-13

(Rs. in Lakhs)

Sl. No	Species	2008-09	2009-10	2010-11	2011-12	2012-13
1	Out Flow	6339.16	7529.39	8283.98	7239.15	8078.30
2	In Flow	6180.61	6376.80	8462.98	9339.95	10094.50

NEW INITIATIVES:

Eucalyptus Plantations:

The APFDC has been raising Eucalyptus Clonal plantations and with 46800 Ha it is the single largest grower among PSUs in India. There are proposals to raise another **(12,000) Hect** 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 Hect of existing coffee plantations in the agency areas with intensive cultivation practices, by following scientific methods. These plantations are generating about 6.00 lakh man-days of employment to the tribal's all-round the year.

Scheme proposals are sent to GOI to expand the Coffee plantation areas over 10000 Hect in the agency areas of Eastern Ghats.

Pepper Cultivation:

APFDC has 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 8350 Hect., 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 is the first of such projects and Mahavir Nischal Van project, Rajeev Eco Park at Idupulapaya and Shamirpet Deer Park are already opened to the public. These projects are attracting many visitors. Many other Eco-Tourism Projects like Night Safari, Bird Park, and Mrugavani National Park, 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 the public and institutions.

It is also acting as Agent to the Government in carrying out the Trade of Beedi Leaves and export 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.Pr.I.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 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, Polypropagator 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 127.81 Tonnes of seed of important timber and other species was collected during the years 2010-11 (41.100 Tonnes) 2011-12 (33.500 Tonnes) and 2012-13 (73.21 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 aurens* 2.500 Ha, *Stereospermum suvalens* 1.0 Ha, *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 where 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 from teams from Gujarat 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, 919 Cu.M of Vermicompost (400 cu.m during 2010-11, 308 Cu.m during 2011-12 and 211.56 Cu.M during 2012-13) 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, 15Kgs of Tricoderma, 5975 Rhizobium 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 50000 no.s during 2011-12) and 35000 during 2012-13 were produced in the Research Centre, Tirupati and supplied as per indents. Protocols are being developed for invitro culture of *Meliadubia*.

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) 2011-12 (3.570 lakhs) 2012-13 (73.213 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 2012-13, 63 Research experimental Plots have been taken up under CAMPA and Seed Development Schemes on various issues / themes over an area of 96.65 Ha in the Four Research Divisions.

The details are given below.

**9.2.1 - RESEARCH PLOTS ESTABLISHED DURING THE YEAR 2012-13 UNDER
A.P. STATE CAMPA**

Sl. No.	Raising of Research / Experimental plots	Research Division	Research Centre	Area in Hectares
1	2	3	4	5
State Silviculturist,Hyderabad				
1	Mitagnaparvifolia CTA	S S,HYD	Mulugu	1.000
2	Cochlospermumreligiosum Seed Stand	S S,HYD	Mulugu	0.620
3	Stereospermumsuaveolens Seed Stand	S S,HYD	Mulugu	1.000
4	Dalbergialatifolia and Santalinum album Multistoried Plantation	S S,HYD	Mulugu	1.000
5	Meliadubia and Casuarinajhunghaniana Multistoried plantation	S S,HYD	Mulugu	1.000
6	Hymenodictonexcelsa	S S,HYD	Mulugu	0.660
	Total for State Silviculturist,Hyderabad			5.280
State Silviculturist,Rajahmundry				
1	Dalbergialatifolia Progeny Trial Plot	S S,RJY	RFRC,RJY	0.530
2	Pterocarpusmarsupium Progeny Trial Plot	S S,RJY	RFRC,RJY	0.670
3	Meliadubia PTP and CTA	S S,RJY	RFRC,RJY	0.300
4	Mitrgynaparvifolia Clonal Test Plot	S S,RJY	RFRC,RJY	0.700
5	Seed Stand-Bulked- Albeziastipulata	S S,RJY	RFRC,RJY	1.000
6	Seed Stand-Bulked- Annogeissusacuminata	S S,RJY	RFRC,RJY	1.000
7	Seed Stand-Bulked- Ougeniaoojeinensis	S S,RJY	RFRC,RJY	1.000
8	Seed Stand-Bulked-Zanthoxylumrhetsa Seed Stand	S S,RJY	RFRC,RJY	1.000
9	Seed Stand-Bulked-Burseraserrata Seed Stand	S S,RJY	RFRC,RJY	1.000
10	Seed Stand-Bulked-Schreberaswietenoides	S S,RJY	RFRC,RJY	2.000
11	Seed Stand-Bulked-Dalbergialatifolia	S S,RJY	RFRC,RJY	3.000
12	Seed Stand-Bulked-Pterocarpusmarsupium	S S,RJY	RFRC,RJY	3.000
13	Sterculiaurens seedlings Seed Stand	S S,RJY	RFRC,RJY	2.000
14	Cochlospermumreligiosum Seed Stand	S S,RJY	RFRC,RJY	1.500
15	Michaliachampaka Demo plot	S S,RJY	RFRC,RJY	3.000
16	Ex Situ Conservation of Easternghat Flora -Saracaasoka	S S,RJY	RFRC,RJY	1.000
16	Sterculiaurens Pole cuttings Seed Stand	S S,RJY	RFRC,RJY	0.500
17	Mixed plantation of Anthocephaluscadam and Gmelinaarborea/ Meliadubia	S S,RJY	RFRC,RJY	0.700
	Total for State Silviculturist,Rajahmundry			23.900
State Silviculturist,Tirupati				
1	Dalbergialatifolia Progeny Trial Plot	S S,TPT	Nellore	0.500
2	Pterocarpusmarsupium Progeny Trial Plot	S S,TPT	Nellore	1.300
3	Meliadubia- Short Rotation Forestry Speceis(PTP)	S S,TPT	Nellore	1.000
4	Mitrgynaparvifolia Clonal Testing Plot	S S,TPT	Nellore	0.600
5	Hardwickiabinata seed source trial plot	S S,TPT	Nellore	1.000
6	Soyamidafebrifuga Seed source trial plot	S S,TPT	Nellore	0.770
7	Chloroxylonswietenia seed stand	S S,TPT	Nellore	0.500
8	Bruciamollis Seed Stand	S S,TPT	Nellore	1.000
9	Sterculiaurens Pole Cuttings mixed with Cochlospermumreligiosum - Seed Stand	S S,TPT	Nellore	1.000
10	Mixed plantation of High Density model with Casuarina jhunghuniana and Meliadubia	S S,TPT	Nellore	1.000
	Total for State Silviculturist,Tirupati			8.670
Forest Geneticist,Warangal				
1	Dalbergialatifolia Progeny Trial Plot	FG,WGL	Achutapuram	0.800
2	Pterocarpusmarsupium Progeny Trial Plot	FG,WGL	Achutapuram	1.400
3	Mitrgynaparvifolia Clonal Testing Plot	FG,WGL	Achutapuram	1.640
4	Domestication Program-Brideliaretusa-Bulked Planting	FG,WGL	Achutapuram	0.800
6	Dalbergialatifolia Seed Stand	FG,WGL	Achutapuram	4.000
7	Pterocarpusmarsupium Seed Stand	FG,WGL	Achutapuram	3.500
9	Domestication Program-Schreberaswietenoides-Bulked Planting	FG,WGL	Achutapuram	1.000
10	Sterculiaurens Seed Stand (pole cuttings)	FG,WGL	Achutapuram	2.300
11	Cochlospermumreligiosum Seed Stand	FG,WGL	Achutapuram	1.000
12	Dalbergialatifolia Progeny Trial Plot	FG,WGL	Mahadevpur	1.200
13	Pterocarpusmarsupium Progeny Trial Plot	FG,WGL	Mahadevpur	0.800
	Total for Forest Geneticist,Warangal			18.440
	GRAND TOTAL			56.290

9.2.2. RESEARCH PLOTS ESTABLISHED DURING THE YEAR 2012-13 UNDER TREE AND PASTURE SEED DEVELOPMENT

Sl. No.	Raising of Research/Experimental plots	Research Division	Research Centre	Area in Hectare
1	2	3	4	5
State Silviculturist, Hyderabad				
1	Ailanthus excelsa	SS HYD	Mulugu	5.00
2	Meliadubia	SS HYD	Mulugu	1.00
3	Hardwiciabinata	SS HYD	Mulugu	2.00
4	Terminaliatomentosa	SS HYD	Mulugu	2.00
5	Dolichandronecrispa	SS HYD	Mulugu	2.00
6	Bombaxceiba	SS HYD	Mulugu	1.36
	Total for State Silviculturist, Hyderabad			13.36
State Silviculturist, Rajahmundry				
1	Meliadubia	SS RJY	RFRC RJY	5.000
2	Anthocephaluscadamba	SS RJY	RFRC RJY	2.000
	Total for State Silviculturist, Rajahmundry			7.000
State Silviculturist, Tirupati				
1	International Provenance Trials of Prosopisjuliflora	SS TPT	Nellore	5.000
	Total SS Tirupati			5.000
Forest Geneticist, Warangal				
1	Adina cardifolia	FG WGL	Acutapuram	2.000
2	Ougeniaaogensis	FG WGL	Acutapuram	1.000
3	Meliadubia	FG WGL	Acutapuram	3.000
4	Ailanthus excelsa	FG WGL	Acutapuram	0.000
5	Mitragynaparvifolia	FG WGL	Acutapuram	2.000
6	Hardwiciabinata	FG WGL	Acutapuram	2.000
7	Albiziaprocera	FG WGL	Acutapuram	4.000
8	Soymidafebrifuga	FG WGL	Acutapuram	1.000
	Total for Forest Geneticist, Warangal			15.000
	GRAND TOTAL			40.360

9.3 – COLLECTION AND DISTRIBUTION OF QUALITY SEED DURING THE YEAR 2012-13 IN R&D CIRCLE

(inKgs.)

Sl. No.	Division	Opening Balance	Collected during the year	Disposed during the year	Closing balance
1	State Silviculturist, Hyderabad	3086.10	803.25	2424.300	1465.05
2	State Silviculturist, Tirupati	21223	9043.50	17110.500	13156
3	State Silviculturist, Rajahmundry	29277.140	15415.685	24773.580	19919.245
4	Forest Geneticist, Warangal	22424.7	47950.70	29934.20	40441.200
	Total	76010.940	73213.135	74242.58	74981.495

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

(Rs. in Lakhs)

Sl. No.	Scheme	Budget Released	Expenditure Incurred
1	Tree and Pasture Seed Development	50.000	42.012
2	Sivicultural Research	20.00	25.214
3	Publicity	25.00	20.695
4	13 th Finance Commission-Maintenance of Forests - Research – 2011-12 APO	91.49	12.803
5	COP – 11	100.00	84.538
6	AP State CAMPA	390.60	386.688

9.5 – ACTIVITIES UNDER PUBLICITY

Besides the above mentioned Research Activities, Addl.Pr. CCF, R&Dis also in charge of the Publicity wing in the Forest Department with the assistance of the Forest Utilization 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 2012-13 are as follows:

1. Exhibition stalls in All India Industrial Exhibition.
2. Tableaux for 15th August, 2012 and 26th January-2013.
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, (19) Wildlife Sanctuaries and (2) Tiger Reserves which are called protected areas for in Situ-Conservation. The protected areas are spread over 13356.99 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 (7) Deer Parks in the State for ex-situ Conservation of Wildlife.

The National Parks, Sanctuaries, Zoological Parks, Deer Parks and Tiger Reserves 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	1.43	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.
Total		1388.40	

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	240.00	1977
3	Sri Venkateswara Zoological Park, Tirupati	2212.00	1987
4	Vana Vignan Kendhram (Mini Zoo), Warangal	19.20	2009
Total		2631.20	

10.3 – DEER PARKS:

Sl. No	Name of the Deer Park	Area in Ha.	Districts
1	Chittoor Deer Park	3.25	Chittoor
2	Kinnerasani Deerpark	14.50	Khammam (Paloncha)
3	Pillalamarri Deer Park	5.80	Mahaboobnagar
4	Kandaluru 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
Total		98.47	

10.4 – SANCTUARIES:

Sl. No.	Name of the Wildlife Sanctuary	Area in Sq.Kms	Districts
1	Pranahita Wildlife Sanctuary	136.02	Adilabad
2	Siwaram Wildlife Sanctuary	29.81	Adilabad & Karimnagar
3	Eturunagaram Wildlife Sanctuary	803.00	Warangal
4	Pakhal Wildlife Sanctuary	860.20	Warangal
5	Kinnerasani Wildlife Sanctuary	635.40	Khammam
6	Coringa Wildlife Sanctuary	235.70	East Godavari
7	Kolleru Wildlife Sanctuary	308.55	West Godavari & Krishna
8	Krishna Wildlife Sanctuary	194.81	Krishna & Guntur
9	Pocharam Wildlife Sanctuary	129.84	Medak & Nizamabad
10	Manjeera Wildlife Sanctuary	20.00	Medak
11	Rollapadu Wildlife Sanctuary	6.14	Kurnool
12	Gundla Brahmeswara Wildlife Sanctuary	1194.00	Kurnool & Prakasham
13	Sri Lanka Malleswaram Wildlife Sanctuary	464.42	Kadapa
14	Nelapattu Wildlife Sanctuary	4.58	Nellore
15	Pulicat Wildlife Sanctuary	500.00	Nellore
16	Koundinya Wildlife Sanctuary	357.60	Chittoor
17	Sri Venkateswara Wildlife Sanctuary	525.97	Chittoor & Kadapa
18	Kombala konda Wildlife Sanctuary	70.70	Visakhapatnam
19	Penusila Narasimha Wildlife Sanctuary	1030.85	Kadapa & Nellore
Total		7507.59	

10.5 – TIGER RESERVES:

Sl. No	Name of the Tiger Reserve	Area in Ha.	Districts
1	Kawal Tiger Reserve	893.00	Adilabad
2	Nagarjuna Sagar Srisailam Tiger Reserve	3568.00	Guntur, Kurnool, Mahabubnagar, Prakasham & Nalgonda
Total		4461.00	

10.6 – 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.

10.6.1. 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 Nagarjunasagar Srisailam Tiger Reserve (NSTR) comprising of 3568.098 Sq. kms. area is under the control of Conservator of Forests & Field Director, Project Tiger Circle, Srisailam and 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.
- ✍ Bairlutu 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 64th Vanamahosthavam was celebrated during 1st week of July 2012.
- ✍ The 58th Vanyaprani Saphaha was celebrated during October 2012.

- ✍ 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 Industry and Paper & News print Mills.

Employment of Labour in Forests:

Prior to 1993-94, the forestry operations 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 A.P.C.F.M, No of V.S.S./E.D.C'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 V.S.S./E.D.C member's availability is less. The extraction of Bamboo is restricted to out side Nagarjuna 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 2012-13 (1905) forest cases were detected. Out of which (47) cases are prosecuted, (1675) cases are compounded and (183) UDOR cases are detected. Out of which (1859) cases were disposed. At the end of the year, (138) cases were pending, out of which (132) prosecuted and (6) UDOR cases.

Division wise Offences detected and disposed during the year 2012-13

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	Prose-cuted	Compo-unded	UDOR's	
1	Atmakur WLM	23	332	78	0	332	78	11.560
2	Markapur WLM	9	341	1	1	341	3	11.281
3	Achampet WLM	6	601	102	0	601	102	31.480
4	Nagarjunasagar WLM	9	145	2	0	145	0	7.702
5	FSP Atmakur	0	256	0	0	256	0	10.210
Total:		47	1675	183	1	1675	183	72.233

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. (3) Fire occurrences were reported to an extent of 8.50 Ha in other areas during the year 2012-13.

Wildlife Preservation:

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

Division wise Revenue and Expenditure for the year 2012-13

(Rs. In Lakhs)

Sl. No.	Name of the division	Revenue	Expenditure		
			Plan	Non-Plan	Total
1	WLM Atmakur	26.658	271.784	9.219	281.003
2	WLM Markapur	58.969	209.721	3.469	213.19
3	WLM Achampet	150.719	405.957	108.47	514.427
4	WLM Nagarjunasagar	8.393	114.981	97.088	212.069
5	FSP Atmakur	10.202	12.185	75.999	88.184
Total		254.941	1014.628	294.245	1308.873

The Total Revenue realised during 2012-13 is Rs.254.941 lakhs and the Total Expenditure of Rs. 1308.873 lakhs. Against the Total Expenditure off, an amount of Rs.1014.628 lakhs under Plan and Rs.294.245 lakhs under Non-plan.

10.6.2 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 4642.105 Sq.Kms as follows.

DIVISION WISE AREA

(Area in Sq.Kms)

Sl. No	Name of the Division	Forest area	% to total area of the Circle
1	WL Division, Chittoor East	1932.131	41.62
2	WL Division, Rajampet	1294.463	27.89
3	WLM Division, Tirupati	810.930	17.47
4	WLM Division, Sullurpet	604.581	13.02
Total		4642.105	100.00

☞ Tirumala is located at top of Seven Hills and is the abode of Sri Lord Venkateswara.

General Protection and breach of Forest Act:

During the year 2012-13, (2307) Forest Cases were detected. Out of which (182) cases were prosecuted, (1994) cases were compounded and (131) UDOR cases detected. Out of the cases (2019) cases were disposed and (1377) cases are pending at the end of the year. An amount of Rs.86.790 lakhs collected as compounded fees.

Division wise offences detected and disposed during the year 2012-13

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	25	722	31	5	722	4	36.887
2	WL Rajampet	77	619	31	0	619	16	14.599
3	WLM Tirupati	80	436	65	0	436	0	17.889
4	WLM Sullurpet	0	13	1	0	13	0	1.400
5	Flying Squad Tirupati	0	0	0	0	0	0	0
6	Flying Squad Piler	0	204	3	0	204	0	16.015
Total:		182	1994	131	5	1994	20	86.790

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. (7) Fire occurences were reported to an extent of 74.50 Ha in other areas during the year 2012-13.

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:

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 under different approved schemes in the circle.

REVENUE AND EXPENDITURE**Expenditure of the Circle for the year 2012-13**

(Rupees in lakhs)

I. Plan Expenditure	1128.353
II. Non-Plan	98.693
Total Expenditure	1227.046

Revenue of the Circle for the year 2012-13

(Rupees in lakhs)

1	Receipts from Beedi Leaves	1.049
2	Receipts from Other Plantations	23.716
3	Sale of Red Sander Wood	370.504
4	Fines & Forfeitures	0.110
5	Rents from buildings	1.045
6	Compounding fees	86.893
7	Other receipts	53.725
8	Entry Fee	2.771
9	User Charges	2.022
TOTAL		541.835

The Total Revenue realised during 2012-13 is Rs.541.835 lakhs and the Total Expenditure of Rs. 1227.046 lakhs. Against the Total Expenditure off, an amount of Rs.1125.353 lakhs under Plan and Rs.98.693 lakhs under Non-plan.

The Forests in Chittoor, Kadapa and Sri Potti Sriramulu Nellore Districts falling in this Circle comprises of natural growth of 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 like Shamosins and Katos in Japan and its dye 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.

10.6.3 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 2012-13.

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 2012-13, (1) Forest Offence Case received and disposed (33) cases out of which (32) are prosecuted and (1) compounded from total cases of (456) prosecuted and (1) compounded at the end of the year (424) cases in prosecuted are pending.

Division wise offences detected and disposed during the year 2012-13

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	Prose-cuted	Compo-unded	UDOR's	
1	WLM Eluru	0	1	0	32	1	0	0.250
2	WLM Rajahmundry	0	0	0	0	0	0	0
Total:		0	1	0	32	1	0	0.25

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 2012-13

Sl. No.	Name of the division	Revenue	Expenditure		
			Plan	Non-Plan	Total
1	WLM Eluru	2.350	271.807	2.443	274.250
2	WLM Rajahmundry	4.535	93.232	2.145	95.377
Total		6.885	365.039	4.588	369.627

The Total Revenue realised during 2012-13 is Rs.6.885 lakhs. Against the Total Expenditure of Rs. 369.627 lakhs, Rs.365.039 lakhs is under Plan and Rs.4.588 lakhs are under Non-Plan.

10.6.4 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 Environment Education Center building consisting of Library, an Auditorium and a Museum is well equipped with exhibits, models, books etc.

The Revenue collected as entry fee during the year 2012-13 is Rs.51.527 lakhs as against the target of Rs. 127.280 lakhs.

ii. Mrugavani National Park:

The Mrugavani 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 2012-13, (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 2012-13 is Rs.3.724 lakhs as against the target of Rs.9.132 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 Vansthal 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, (65) Nature Camps were conducted in which (8995) members participated including School children.

The Revenue collected as entry fee during the year 2012-13 is Rs. 11.416 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 (20) Nature camps were conducted in which (948) members attended.

The Revenue collected during 2012-13 is Rs.0.244 lakhs as entry fee.

Protection of fires:

There are no fires and damages occurred during the year 2012-13.

Forest Offences:

During the year 2012-13 (14) cases were received out of which (3) were prosecuted, (8) were compounded and (3) UDOR cases were detected and (18) cases werer disposed out of which (10) were prosecuted and (8) compounded. At the end of the year (13) cases were pending out of which (8) cases were prosecuted and (5) cases UDORs.

Division wise Offences detected and disposed during the year 2012-13

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	3	8	0	5	8	0	0.655
2	WLM, Hyd	0	0	3	5	0	0	0
Total:		3	8	3	10	8	0	0.665

Expenditure of the Circle for the year 2012-13

(Rupees in lakhs)

1	Plan Expenditure	634.397
2	Non-Plan Expenditure	240.831
TOTAL		875.228

Revenue of the Circle for the year 2012-13

(Rupees in lakhs)

1	Rent from Buildings	0.045
2	Compounding fees	0.665
3	User charges	66.596
4	Other receipts	1.242
TOTAL		68.548

Revenue and Expenditure:

The Total Revenue realised during the year 2012-13 is Rs.68.548 lakhs and the total expenditure is of Rs.875.228 lakhs. Out of the expenditure Rs.634.397 lakhs under plan and Rs.240.831 lakhs under Non-Plan.

10.7 – 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.

10.7.1 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 towards conservation.

- ✍ Conducting research on animal behavior, breeding, rescue 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, Hippopotamus, Jaguar, Painted Stork, Spoon Bill, Grey Pelican, Pheasants, Sarus Crane, Crocodiles, Python, etc.,

Wild animals like Blackbuck, Spotted Deer, Nilgai, Sambar, Peafowl and Crocodiles 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 beyond the enclosures.
- ✍ The 200 years old Mir Alam Lake covering nearly 400 acres with its unique multiple arched bund (24 arches) adds to the serenity of the Zoo.
- ✍ The micro climate of the Zoo provides visitors with a cool, green and clean environment to enjoy a day out.

Specialities of the Nehru Zoological Park:

- ✍ First Zoo in the country to start Lion Safari Park in 1974 to which Tiger, Bear and Indian Bison Safari were added subsequently.
- ✍ First Zoo in the country to have started Nocturnal Animal House (1982).
- ✍ First zoo to start an Open Butterfly Park (1998).
- ✍ First in the country to develop a Jurassic Park with life size models of Dinosaurs.
- ✍ First to set up a 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:

New Initiatives:

- ✍ An orientation centre namely "Bioscope" with Audio visual facilities and seating arrangements has been developed. Visitors while entering into the Zoo are shown a film covering Zoo route, Zoo map, Animal zones, visitors facilities, education programs and zoo ethics. Bioscope is operational from 03-10-2012.

- ✍ Bird Conservationj Park (Pakshula parnasala) has been developed in Mazhar garden by planting different bird friendly species and providing additional artificial nests, bird baths etc., to make a good place for birds to live. The purpose of setting up of this park is to showcase the best practices in bird conservation in urban areas.
- ✍ Old publicity van from FDPT Srisailam has been brought and refurbished with education materials and Audio visual facilities and developed it as “Zoo education van”. This van is sent to different villages and schools of Hyderabad and neighbouring districts for providing outreach education regarding wildlife conservation and environment protection.

New Acquisitions:

- ✍ Two female Gaur (Indian Bison) received from Sri Chamarajendra Zoological Gardens, Mysore to pair up with the two males in the Zoo Park. They were released for public display by the Hon’ble Chief Minister of Andhra Pradesh Sri. N. Kiran Kumar Reddy on 03-10-2012.
- ✍ Two female Ostrich were brought from P.G. Research Station, Veterinary College, Chennai and pair up with the males.
- ✍ Purple heron which appeared in Zoo and were added to the collection.
- ✍ A pair of King Cobra, Whittaker Boa received from Pilikula Biological Gardens, Mangalore were added to the collection in the Reptile house.

Captive Breeding:

- ✍ Rhinoceros: After a gap of several years, one horned Indian Rhinoceros gave birth to a male calf on 05-07-2012 and was named “Sai Vijay” by the Hon’ble Minister for EFS&T.
- ✍ Royal Bengal Tiger: Royal Bengal Tigers (White) (Kreethi & Badri) were paired and gave birth to 2 male Tiger cubs. They were named as Kiran, Sharan and were released for public display by Sri Shatrucharla Vijayarama Raju, Hon’ble Minister for EFS&T.
- ✍ Asiatic Lion: Reputation of the Zoo is enhanced with the breeding capabilities of Asiatic Lion. During this year 3 cubs were born.
- ✍ Sacred Baboon: A female Sacred Baboon was born. It was hand reared in Zoo hospital.
- ✍ Jackal: Two Jackal pups were born because of utmost care taken in the enclosure.
- ✍ Birds:
 - a) Peafowl: Two chicks were born.
 - b) Red Jungle Fowl: Enrichment facilities, shelter provided in the enclosure encouraged nesting practices and the hen laid eggs and incubated to give six chicks.
 - c) Grey Pelican: This bird housed in one of the big aviary in Zoo, bred successfully to give 3 chicks.
- ✍ Herbivores: Nilgai, Black buck, Spotted deer, Barking deer & Hog deer have bred well contributing their share in improving their population in the Zoo.

Zoo Revenue:

In spite of economic recession, agitations & bandhs the Zoo could muster a Revenue of Rs. 1068.05 lakhs during 2012-13 which is the highest ever as against last year's Revenue of Rs.801.11 lakhs.

INVENTORY OF LIVESTOCK

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

Inventory of livestock as on 31-03-2013

Sl. No.	Variety	No. of Species	No. of Specimens			
			Male	Female	Unknown	Total
1	Mammals	52	227	216	19	462
2	Birds	75	268	254	245	767
3	Reptiles	24	116	99	24	239
Total:		151	611	569	288	1468

ANIMAL NUTRITION:

There are (151) species of Mammals, Birds and Reptiles requiring a variety of food ranging from Beef, Meat, Chicken and Eggs for the carnivores & fruits, vegetables, grass to mice and frogs to the reptiles. The required feed is procured through suppliers on tender basis. As regards Green fodder, it is raised in the fodder plot over 7 acres inside the zoo. All the animals are provided with a balanced diet. Depending on the specific requirement of the animals, the feed is modified as per the advice of the Veterinarians. Sometimes soups are made available 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 given along with feed. The feed items are screened by the 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, 31.50 Kgs of Chicken and 130 eggs are procured per day for the carnivores. Around 100 Kgs of fish are procured for water birds and crocodiles. For Herbivores 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 49th 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. 28.99 lakhs has been realized during 2012-13 for adoption of various animals and birds. A significant amount of Rs.15.00 lakhs was donated by the State Bank of Hyderabad. It is proposed to popularize 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 2012-13 is furnished below.

Revenue for the year 2012-13

Name of the Component	Rs. in Lakhs	Percentage
Main Entrance	654.052	61.76
Visitor Van	42.790	4.04
Safari Park	30.700	2.90
Train	33.950	3.21
Elephant	0.235	0.02
Misc	198.808	18.77
Guest Houses	0.920	0.09
Rentals	97.547	9.21
Total	1059.002	100.00

Expenditure under Plan and Non-Plan Schemes for the year 2012-13

Name of the Head	Rs. in Lakhs	Percentage
2406-02-110-04-Sancturaries (Non-Plan)	617.221	34.63
2406-02-110-03 – District Officers (Non-Plan)	0.969	0.05
2406-02-111-04 – Nehru Zoological Park (Non-Plan)	184.298	10.34
2406-01-053-44- Building of Prl.CCF (Non Plan)	0	0
2106-01-001(01) 800 User Charges	0	0
Non-Plan Total	802.488	45.02
2406-02-111-11 (04) Zoological Parks (Plan)	10.232	0.57
Plan Total	10.232	0.57
Plan & Non-Plan Total	812.720	45.60
CZA Funds	287.316	16.12
PBZR Scheme (ZAAP)	682.362	38.28
CAMPA	0	0
Other Schemes Total	969.678	54.40
Grand Total	1782.399	100.00

Revenue and Expenditure from 2008-09 to 2012-13

(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
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
2012-2013	1059.002	10.232	802.488	812.720	287.316	682.362	0	969.678	1782.399

The Total Revenue realized during 2012-13 is Rs.1059.002 lakhs. Against the Total Expenditure of Rs. 1782.399 lakhs, the plan expenditure is Rs.10.232 lakhs, Non-plan expenditure is Rs.802.488 lakhs and under the other schemes expenditure is 969.678.

10.7.2 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 (1038) 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 80 different species with a total of 1038 number 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 visitor 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 three places 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., are prohibited in the Zoo.

MILESTONES OF THE YEAR (2012-13) :

- ✍ Enclosure for Black panther was constructed and completed during this year
- ✍ Deer safari park adjacent to the Lion Safari was constructed by the Tirumala Tirupati Devasthanams during this year.
- ✍ During this year centralized R.O water purification unit was installed over the GLSR near Wolf moat and from there by gravity purified drinking water is provided is supplied for visitors at different places. Three new supply units were also constructed this year at Parrot world, Lessor Carnivore Complex and the Butterfly Park Junction area. The old two units were also connected to this centralized supply at Leopard and Crocodile area.
- ✍ Vermicompost unit near the Fodder plot was started and harvested three times in a year with around 750 kg per harvest.
- ✍ The fodder plot was improved with new varieties of fodder like Co-4, Fodder Sorghum, Sweet sorghum etc.
- ✍ Veterinary hospital improvement: Mobile X-ray machine and Digital image projection system for microscope were procured.
- ✍ Rescue and Rehabilitation of Star tortoises : The seized star tortoises which were brought from Kolkata, were maintained in the Zoo and later were rehabilitated in the S.V. National Park area after fixing transponders.
- ✍ Visitor shelters: Three new shelters were constructed during this year for the benefit of the visitors.
- ✍ Rest rooms were provided near Giraffe enclosure for the visitors.
- ✍ Animal exchange programmes : During this year a tigress was brought from Indira Gandhi Zoological Park, Vizag and two male Jaguars were brought from Nehru Zoological Park, Hyderabad.
- ✍ Rescued Leopard cubs: Two leopard cubs aged about 2 weeks were brought from Anantapur Division during the month of June,2012 and were successfully hand reared and were named Lava and Kusha and now housed in the Leopard enclosure.

- ✍ Isolation ward and Inpatient ward was constructed near the Veterinary hospital for the benefit of the sick and rescued animals.
- ✍ New species added: Two Jaguars (male) from Nehru Zoological Park, Hyderabad were added.
- ✍ Power supply systems improved (UG cables laid to ARC-I and II, Two new transformers erected, new electrical meters fixed at Zoo Inn). Also mobile Generator procured.
- ✍ Improvement in water supply : One new Bore well near Grey Jungle Fowl breeding centre and two more bore wells at Srivarimettu area were drilled for improving the water supply.
- ✍ Conservation Breeding : The construction of Grey Jungle Fowl Conservation Breeding centre was started during this year.
- ✍ Important species birth: Bison (Bison calf delivered on March'21), White Tigers, Chowsingha, Grey Jungle Fowl, Hog deer, Barking deer, Pelicans, White Ibis, etc.
- ✍ Butterfly park: Open butterfly park started in the old children park area by planting different varieties of host and nectar plants.
- ✍ Garden and Landcapping: Done at entrance near 'Namam' area, at Jaguar enclosure.
- ✍ Educational Programmes: Number of programmes conducted and different days like Sparrow day, Forestry day, etc were conducted for imparting conservation education.

INVENTORY OF LIVESTOCK

The Zoo houses eighty (80) different species of Mammals, Birds and Reptiles for display. There are twenty seven (27) species of Mammals, forty six (46) species of birds and seven (7) species of reptiles. The enclosures for these animals have been designed to simulate their natural habitats.

Inventory of livestock as on 31-03-2013

Sl. No.	Variety	No. of Species	No. of Specimens			
			Male	Female	Unknown	Total No. of Specimens
1	Mammals	27	97	109	38	244
2	Birds	46	67	59	504	630
3	Reptiles	7	0	0	164	164
Total:		80	164	168	706	1038

ANIMAL NUTRITION:

There are eighty (80) 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 Ostocalcium, 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

4,70,000 Kgs of green grass has been supplied from the 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, Vishakapatnam 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 31.03.2013 there are 39 Lions (17 male : 22 female) in the Animal Rescue Centre. The Central Zoo Authority provides budget for upkeep of the animals in the Animal Rescue Center.

FINANCIAL REPORT

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

Revenue for the year 2012-13

Name of the Component	Rs. in Lakhs	Percentage
Main Entrance	126.89	72.06
Battery Vehicle	6.72	3.82
Safari Park	9.67	5.49
Parking	0.53	0.30
Miscellaneous	0.42	0.24
Cloak room	0.12	0.07
Canteen	9.86	5.60
Interest	21.86	12.42
Total Revenue:	176.07	100.00

Revenue and Expenditure from 2008-09 to 2012-13

(Rs. in Lakhs)

Year	Revenue	State Schemes								Total (5+9)
		Expenditure			Expenditure (Other Schemes)			Cop-11	Total (6+7+8)	
		Plan	Non-Plan	Total (3+4)	PBZR	CAMPA	13 th Finance			
1	2	3	4	5	6	7	8	9	10	11
2008-09	61.964	75.960	82.546	158.506	28.548	0	0	0	28.548	187.054
2009-10	88.907	48.395	120.479	168.874	67.984	0	0	0	67.984	236.858
2010-11	115.042	85.272	163.841	249.113	71.064	36.853	0	0	107.917	357.030
2011-12	138.450	136.270	88.950	225.220	67.010	129.720	31.820	0	228.550	453.770
2012-13	176.070	118.860	161.710	280.570	69.100	22.710	19.300	29.400	140.510	421.080

Year	Central Schemes			Grand Total (10+13)	
	CZA General	ARC Maintenance	Total (11+12)		
1	11	12	13	14	
2008-09		12.865	74.301	87.166	274.220
2009-10		2.916	59.004	61.920	298.778
2010-11		5.895	55.239	61.134	418.164
2011-12		0.110	46.790	46.900	500.670
2012-13		62.460	45.010	107.470	528.550

The Total Revenue realised during 2012-13 is Rs.176.070 lakhs and the Total Expenditure is of Rs. 528.550 lakhs. Out of the total expenditure, Rs.421.080 lakhs State Scheme and Rs.107.470 lakhs incurred expenditure under Central Scheme.

10.7.3 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 (32) Big Cats, (21) Lions & (11) Tigers.

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. Around 7.85 lakh people visited the zoo park last year.

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:

- ✍ New enclosures for Nilgai, Giraffe and Rhino were constructed.
- ✍ Various birds and animal species have been added as part of animal collection like Sulphur Crested Cockatoo, Eclectus Parrot, Gaur, Nilgai, Chowsinga, have been added in animal collection which has very good improvement in visitor turnout.
- ✍ The important births in zoo are cubs of Wild Dog, Hog Deer, Barking Deer, Spotted Deer, Sambar and young ones of Peafowl, Grey Jungle Fowl.
- ✍ 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, 500 mtrs. widening of 2.5km road, 25 drinking water units and 50 Benches for better appreciation of visitors.
- ✍ A breeding facility for Tropical Fishes has also been started on the roof of the existing Aquarium.
- ✍ Two new battery operated vehicles are procured during the year and the total battery operated vehicles are now 6 in number. Good response from the visitors is being received owing to the fact that its a very eco-friendly intervention.
- ✍ A Fodder Plot was also inaugurated to cater to the fodder requirements of herbivores.
- ✍ Raising of wall along the periphery with concertina coil - 1000 mtrs.
- ✍ Construction of Butterfly Park.
- ✍ Renovation of Main Entrance.

Future Developments Proposed in the Zoo Park:

- ✍ A Reptile House with about 20 different species of snakes, lizards and tortoises will be setup with CZA Funds.
- ✍ Many new animals like Giraffe, Zebra, LTM Fishing Cat, Pigmy Hippo, Ring-tailed lemur, Mandrills, Leopard Cat, Thamin deer etc are proposed to be procured from various Zoos (Srilanka, Israel, Assam) in exchange programme.
- ✍ The night houses / feeding cubicles of Leopards, Jaguar, Tigers and all Primates are proposed for reconstruction.
- ✍ The aviary of pheasants / love birds is very old and is proposed for reconstruction.
- ✍ New enclosers for Wild dog, Fishing Cat, Giant Squirrel, Thamin Deer, etc.
- ✍ Raising of compound wall to about 1.5 K.M. by fixing concertina coil for strengthening of protection will be taken up.
- ✍ Zoo requires land-scape gardening, rockery work and also 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 Shanti Sarovar.
- ✍ A separate conservation breeding center (Off-display area) for wild dogs will also be constructed.

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	29	128	124	31	283
2	Birds	52	222	201	65	488
3	Reptiles	11	29	55	7	91
Total:		92	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 charges 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 (31) animals housed which include (20) Lions and (11) 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	5	15	20
2	Tigers	6	5	11
Total		11	20	31

CONSERVATION BREEDING:

Indira Gandhi Zoological Park, Visakhapatnam has been breeding many rare and endangered species since many years. The present breeding success this year was Dholes. 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 2013, a litter of 7 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 2008-09 to 2012-13

(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
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
2012-2013	172.000	65.823	0	65.823	64.000	120.107	34.434	218.541	284.364

The Total Revenue realised during 2012-13 is Rs.172.000 lakhs and the Total Expenditure of Rs. 284.364 lakhs. Against the total expenditure, under the Plan Scheme is Rs.65.823 lakhs and there is no expenditure under Non-Plan Scheme and other schemes are Rs.218.541 lakhs.

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 Act has come into force with effect from 31-12-2007.
- ✍ 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 31-03-2013

DISTRICT-WISE INDIVIDUAL TITLES GIVEN under RoFR

Sl. No.	Name of the District	Individual Claims Approved		Certificate of Titles Issued	
		Claims	Extent in Acers	No. of Titles	Extent in Acers
				Claims	Extent
1	2	3	4	5	6
1	Adilabad	36416	132561	34977	126425
2	Ananthapur	392	683	392	683
3	Chittoor	110	148	110	148
4	Guntur	2470	4842	2470	4842
5	East Godavari	7490	28836	7490	28836
6	Karimnagar	1746	2943	1720	2906
7	Khammam	31961	114082	31961	114082
8	Krishna	911	1519	904	1498
9	Kurnool	698	1849	698	1849
10	Mahabubnagar	932	2214	932	2214
11	Medak	2269	1963	2269	1963
12	Nalgonda	4510	9637	4510	9637
13	Nellore	365	271	365	271
14	Nizamabad	2934	5343	2934	5343
15	Prakasham	3375	8708	1950	7777
16	Ranga Reddy	715	1212	715	1212
17	Srikakulam	14565	29073	14565	29073
18	Visakha-patnam	32545	65053	28577	53210
19	Vizianagaram	12880	35966	12880	35966
20	YSR District	67	121	67	121
21	Warangal	14016	41315	14016	41315
22	West Godavari	1189	2645	1189	2645
TOTAL:		172556	490984	165691	472016

DISTRICT-WISE COMMUNITY TITLES GIVEN UNDER RoFR

Sl. No.	Name of the District	Community Claims Approved		Certificate of Titles Issued	
		Claims	Extent in Acers	No. of Titles	Extent in Acers
				Claims	Extent
1	2	3	4	5	6
1	Adilabad	408	270232	408	270232
2	Ananthapur	1	20	1	20
3	Chittoor	42	27832	42	27832
4	Guntur	0	0	0	0
5	East Godavari	369	210009	369	210009
6	Karimnagar	0	0	0	0
7	Khammam	144	96304	144	96304
8	Krishna	0	0	0	0
9	Kurnool	22	15335	22	15335
10	Mahabubnagar	1	2	1	2
11	Medak	50	15543	50	15543
12	Nalgonda	0	0	0	0
13	Nellore	0	0	0	0
14	Nizamabad	7	2879	7	2879
15	Prakasham	57	55	26	0
16	Ranga Reddy	0	0	0	0
17	Srikakulam	274	17179	274	17179
18	Visakhapatnam	328	115229	328	115229
19	Vizianagaram	170	38832	170	38832
20	YSR District	0	0	0	0
21	Warangal	134	118122	134	118122
22	West Godavari	130	51689	130	51689
TOTAL:		2137	979262	2106	979207

11.2 – FOREST DEVELOPMENT AUTHORITY:

Forest Development Agencies are federation of all VSS with in a Territorial/Wildlife Forest Division 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.

State Forest Development Agency of Andhra Pradesh constituted at State Level is a 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, National Bamboo Mission, 13th Finance Commission(FDA Component), Green India Mission, Dr. Y.S.Rajasekhara Reddy Smruthi Vanam Project subject to release of funds by Gol. All the above schemes are 100% grant from Government of India.

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

So far, 47 FDA projects have been sanctioned by the government of India. The Total Outlay of the NAP Programme for 2012-13 is Rs. 605.617 lakhs and 2332 VSSs/EDCs are involved in implementing these projects. An area of 1315 Hectares was proposed to be treated during the year and 1338 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
11	2012-13	1315.00	1338.00	271.110	605.617
Total		72575.00	69457.00	11350.791	11148.410

National Bamboo Mission

Sl. No.	Year	Area in Ha.		Rs. in Lakhs	
		Targets	Achievement	Releases	Expenditure
1	2	3	4	5	6
1	2007-08	500	0	112.800	17.508
2	2008-09	389	393.00	42.650	90.482
3	2009-10	142	385.20	75.000	100.807
4	2010-11	572	267.74	40.000	30.000
5	2011-12	250	202.15	0	35.741
6	2012-13	300	70.00	20.000	22.448
Total		2153	1318.09	290.450	296.986

13th Finance Commission

Sl. No.	Year	Area in Ha.		Rs. in Lakhs	
		Targets	Achievement	Releases	Expenditure
1	2	3	4	5	6
1	2010-11	171	90	168.628	124.916
2	2011-12 (Revalidated)	393	393	284.579	260.322
3	2011-12 (Regular)	1197	1485	572.000	512.167
4	2012-13 (Revalidated)	1456	1461	300.000	300.000
5	2012-13 (Regular) Advance Work	2495	2173	1000.930	791.262
Total		5712	5602	2326.137	1988.667

District Wise VSS, Beneficiaries and Area

Sl. No	Name of the District	No of V.S.S.	No of Beneficiaries			Area Covered in Ha.
			Male	Female	Total	
1	Adilabad	1124	68800	60791	129591	125687.57
2	Ananthapur	281	3703	2469	6172	62835.04
3	Chittoor	491	33115	27225	60340	113763.41
4	East Godavari	529	26656	33172	59828	114805.82
5	Guntur	180	7283	2820	10103	26080.34
6	Kadapa	370	18328	13464	31792	113939.11
7	Karimnagar	363	109856	89849	199705	95594.70
8	Khammam	507	48832	40997	89829	116663.46
9	Krishna	59	7774	580	8354	8136.34
10	Kurnool	247	38349	17777	56126	69477.13
11	Mahaboobnagar	279	44912	55608	100520	72236.85
12	Medak	251	31292	49387	80679	67804.17
13	Nalgonda	174	12702	33110	45812	38996.71
14	Nellore	292	17439	12927	30366	64593.06
15	Nizamabad	260	46794	136407	183201	73104.43
16	Prakasham	203	5138	12716	17854	63422.88
17	Rangareddy	123	35974	46791	82765	35349.86
18	Srikakulam	282	13082	12084	25166	29020.30
19	Visakhapatnam	908	51504	39885	91389	78289.21
20	Vizianagaram	265	7348	6520	13868	31492.38
21	West Godavari	213	13638	37733	51371	41454.14
22	Warangal	317	21918	50649	72567	77251.89
Total		7718	664437	782961	1447398	1519998.80

**Scheme Wise Physical and Financial Targets and Achievements
during the year 2012-13**

Sl. No.	Name of the Scheme	Rupees in Lakhs		In Ha.
		Financial Releases including opening balance	Expenditure	Physical Achievements
1	2	3	4	5
1	NAP (Forest Development Agency)	271.11	605.62	1338.00
2	National Bamboo Mission	20.00	22.45	0.70
3	13 th Finance Commission (Revalidation)	300.00	300.00	1461.00
4	13 th Finance Commission (Regular)	1000.93	791.26	2173.00 (Adv. Works)
5	Dr. Y.S. Rajashekar Reddy Smruthi Vanam Project	272.00	479.53	0
6	Green India Mission	89.53	5.63	0
Total		1953.57	2204.49	2799.70 2173.00 (Adv. Works)

*Source: PCCF Office – FDA

**Statement showing the year wise Releases & Expenditure under
Dr. Y.S. Rajasekhara Reddy Smruthi Vanam Project**

Sl. No.	Year	Funds received from the Govt.	Expenditure (Rs. in lakhs)
1	2009-10	20	20
2	2010-11	399	269.61
3	2011-12	747	745.55
4	2012-13	272	479.53
	Interest accrued	14.39	0
	Misc.receipts	3.82	0
	EMD/FSD Amt.	69.71	0
	Total	1525.92	1514.69

**Circle and Division wise FDA Physical and Financial – Targets and Achievements
for the year 2012-13**

Sl. No.	Name of the Circle	Name of the FDA	Sanctioned by GOI		Achievements	
			Target		Phy	Fin
			Phy	Fin		
1	Adilabad	Adilabad	15	5.570	15	2.874
		Bellampally	25	8.110	25	12.046
		Kagaznagar	20	6.160	20	12.509
		Mancherial	35	10.540	35	9.893
		Nirmal	30	14.460	30	15.799
Circle Total			125	44.840	125	53.121
2	Nizamabad	Kamareddy	15	12.060	15	9.997
		Medak	25	16.630	25	21.780
		Nizamabad	35	13.310	35	13.986
Circle Total			75	42.000	75	45.763
3	Hyderabad	Mahabubnagar	50	19.830	60	26.508
		Nalgonda	20	16.100	20	15.721
		Rangareddy	30	12.390	40	27.573
Circle Total			100	48.320	120	69.802
4	Warangal	Karimnagar (E)	45	16.180	45	18.810
		Karimnagar (W)	40	14.290	40	17.405
		Warangal (N)	30	11.720	28	6.188
		Warangal (S)	40	11.430	40	13.419
Circle Total			155	53.620	153	55.822
5	Khammam	Bhadrachalam (N)	20	11.340	20	11.283
		Bhadrachalam (S)	50	14.580	50	10.648
		Khammam	35	15.250	35	16.924
		Kothagudem	50	20.980	50	23.209
		Paloncha	35	20.170	35	20.715
		WLM Paloncha	30	14.220	30	12.090
Circle Total			220	96.540	220	94.869
6	Visakhapatnam	Narsipatnam	20	8.080	20	6.144
		Paderu	20	17.430	40	18.810
		Srikakulam	10	2.700	10	1.898
		Visakhapatnam	10	4.600	10	4.229
		Vizianagaram	15	7.220	15	6.834
Circle Total			75	40.030	95	37.915
7	Rajahmundry	Eluru	45	17.650	45	18.441
		Kakinada	35	26.070	35	28.338
		Krishna	35	15.190	35	10.693
Circle Total			115	58.910	115	57.471
8	Guntur	Giddalur	40	16.650	40	23.208
		Guntur	20	12.950	20	17.553
		Nellore	40	16.420	40	56.208
Circle Total			100	46.020	100	96.969
9	Kurnool	Kadapa	20	6.110	20	6.528
		Kurnool	20	8.490	25	6.938
Circle Total			40	14.600	45	13.465
10	Ananthapur	Ananthapur	35	23.350	35	19.557
		Chittoor (W)	40	15.980	40	16.972
Circle Total			75	39.330	75	36.529
11	WLM Tirupathi	Chittoor (E)	50	10.650	50	11.735
		Rajampet	40	11.000	40	5.839
		WLM Tirupathi	20	7.810	20	4.410
Circle Total			110	29.460	110	21.984
12	FDPT Srisailam	Achampet	50	13.010	50	11.176
		Atmakur	20	6.940	0	2.344
		Markapur	55	8.580	55	8.387
Circle Total			125	28.530	105	21.907
Grand Total			1315	542.200	1338	605.617

**Item wise annual progress report for the year 2012-13 (upto March 2013)
of Andhra Pradesh of SFDA**

Sl. No.	Component	ALL CATEGORIES TOTAL			
		Target		Achi.	
		Phy.	Fin.	Phy.	Fin.
1	Aided Natural Regenertion				
	Advance work	0	0	60	2.383
	Creation (200 plants/ha.)	545	51.457	545	40.547
	Maintenance-1st Year	2208	61.573	1942	40.220
	Maintenance-2nd Year	1976	32.309	1438	17.330
	Maintenance-3rd Year	5752	82.473	2839	30.745
	Advance Operations for 2013-14	0	0	0	0
	Sub Total :	545	227.812	545	131.225
2	Artificial Regenertion				
	Advance work	0	0	20	3.473
	Creation (1100 plants/ha.)	630	109.028	673	117.266
	Maintenance-1st Year	1382	69.455	1136	57.890
	Maintenance-2nd Year	735	22.368	569	16.581
	Maintenance-3rd Year	2420	62.460	1748	36.806
	Advance Operations for 2013-14	0	0	969	148.925
	Sub Total :	630	263.312	673	380.941
3	Pasture Development/ Silvipasture				
	Advance work	0	0	0	0
	Creation (400 plants/ha.)	60	6.130	40	5.070
	Maintenance-1st Year	51	1.240	41	1.066
	Maintenance-2nd Year	51	0.854	40	0.230
	Maintenance-3rd Year	133	1.620	51	0.664
	Sub Total :	60	9.845	40	7.030
4	Bamboo Plantation				
	Advance work	0	0	0	0
	Creation (625 plants/ha.)	40	3.340	40	3.576
	Maintenance-1st Year	84	1.685	82	1.315
	Maintenance-2nd Year	79	1.117	64	0.838
	Maintenance-3rd Year	249	2.783	130	1.164
	Sub Total :	40	8.925	40	6.893
5	Mixed Plantation of tress having MFP and medicinal value				
	Advance work	0	0	0	0
	Creation (1100 plants/ha.)	40	7.450	40	6.829
	Maintenance-1st Year	177	8.559	163	7.028
	Maintenance-2nd Year	104	3.021	65	2.638
	Maintenance-3rd Year	521	11.179	266	4.730
	Sub Total :	40	30.209	40	21.225
6	Regeneration of perennial herbs & shrubs of medicinal value				
	Advance work	0	0	0	0
	Creation (1100 plants/ha.)	0	0	0	0
	Maintenance-1st Year	7	0.427	7	0.119
	Maintenance-2nd Year	7	0.249	0	0
	Maintenance-3rd Year	62	1.436	49	0.452
	Sub Total :	0	2.113	0	0.571

Sl. No.	Component	ALL CATEGORIES TOTAL			
		Target		Achi.	
		Phy.	Fin.	Phy.	Fin.
	OTHER ITEMS				
7	SMC (15%)	0	0	0	0
8	Fencing (5%)	0	0	0	0
9	M & E (2%)	0	0	0	5.842
10	Microplanning (2%)	0	0	0	0
11	Awareness (1%)	0	0	0	0
12	Overhead (10%)	0	0	0	51.890
13	EPA (4000/ha.)	0	0	0	0
14	Trg. & Capacity Bldg. (5% of the plantation cost)	0	0	0	0
16	Value Add. Of Mkt. of FP (10%)	0	0	0	0
17	Treatment on problem land	0	0	0	0
18	Use of improve tech. (10%)	0	0	0	0
	Sub Total :	0	0	0	57.732
	Grand Total :	1315	542.215	1338	605.618

11.3 – Exhibitions:

The Department has bagged the following awards / prices during the year 2012-13 for the publicity works implemented

1. 2012 August 15th Independence Day Tableaux – 3rd Prize
2. 2013 January 26th Republic Day Tableaux – 1st Prize

11.4 – Vanamahotsava:

The 63rd Vanamahotsava 2012 was celebrated on 31-07-2012. 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, Thumalluru Village of Maheswaram Mandal 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.

Vanamahotsava celebrations were simultaneously conducted at all the District Head Quarters throughout the state on 31st July 2012. The participants in the Vanamahotsava Programme included, the elected people representatives, VSS members, NGOs, School and College Students, Government Officials and General Public. The Forest Department had made elaborate arrangements for taking-up planting of Twenty Lakhs Trees in a single day. As against the Target of planting a Total of Rs. 16.143 Lakhs saplings were planted in 668 locations throughout the State.

The Forest Department had raised 30 Crores of seedlings for taking up planting during the rainy season for supply to General Public and other organizations with a nominal cost for taking up planting. Further, the government is providing amount to the people who survived their plantations in the field @ Rs.50/-, 30/- & 21/- for 1 to 3 years respectively under MGNREGS programme through Rural Development Department. The nurseries of the department are also established covering all the Mandals throughout the state. Apart from the Forest Department, the other Government organizations such as ITDA, DWMA, Horticulture, TTD, SCCL, APFDC, MA & UD and Other agencies i.e., Paper Mills have also raised seedlings for taking up planting programme in their areas during the rainy season as per the targets given by the Government.

11.5 – Vanyaprani Saptaha:

Andhra Pradesh Forest Department conducts the Vanyaprani Saptaha Celebrations every year. The celebrations of 58th Vanyaprani Saptaha at State Level were held on 3.10.2012 at the Nehru Zoological Park, Hyderabad and the Hon'ble Chief Minister of Andhra Pradesh, Hyderabad was the Chief Guest. The other dignitaries i.e Hon'ble Ministers of the State and Director General of Forests, Ministry of Environment & Forests, from Government of India, New Delhi and State level officer also attended the programme. During the Celebrations the prizes were distributed among the 42 students who participated in the competitions conducted for Essay writing, drawing and Photography on Wildlife and Bio-diversity.

The Following programmes were conducted.

1. Release of Indian Bison (Gaur) by Sri N. Krian Kumar Reddy, Hon'ble Chief Minister , Andhra Pradesh
2. Zoo Orientation Hall “ Bio Scope” inaugurated by Sri N. Krian Kumar Reddy, Hon'ble Chief Minister , Andhra Pradesh
3. Flagging of battery operated vehicles by Sri N. Krian Kumar Reddy, Hon'ble Chief Minister , Andhra Pradesh
4. Release of Book on “Wildlife in Andhra Pradesh , Wildlife brochures.

The Hon'ble Chief Minister has given assurance for “Jawaharlal Nehru statue to be installed at the Nehru Zoological Park, Hyderabad

The Hon'ble Chief Minister in his message has stated that “Every one responsible to safeguard biodiversity”.

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 31-03-2013

Sl. No.	Name of the Circle.	Forest area diverted in hectares	C.A.Stipulation			Addl C.A., Penal C.A. & Safety Zone	Financial amount required to be deposited by user agency (Rs in La.)
			In Forest Land in Ha.	In Non Forest Land in Ha.	Total (4+5)		
1	2	3	4	5	6	7	8
1	Telugu Ganga Project	10371.400	0	10400.000	10400.000	0	2904.370
2	Adilabad	5858.048	277.522	861.640	1139.162	1195.275	1193.790
3	Ananthapur	670.149	116.442	2091.226	2207.668	391.960	2673.365
4	Guntur	2831.879	1981.862	2752.704	4734.566	93.578	7681.694
5	Hyderabad	814.102	44.530	1521.947	1566.477	18.576	933.155
6	Khammam	10539.226	1816.070	1701.368	3517.438	247.921	1922.764
7	Kurnool	2003.443	886.680	829.067	1715.747	53.470	2039.392
8	Nizamabad	199.272	72.775	62.810	135.585	22.600	173.793
9	Rajahmundry	2826.763	460.567	3487.134	3947.701	1165.511	3092.223
10	Visakhapatnam	303.205	35.070	1348.860	1383.930	0.500	1654.969
11	Warangal	2563.820	735.715	419.730	1155.445	1127.171	2942.738
12	FDPT Srisailam	847.470	7.760	980.305	988.065	0	7586.828
13	WLM Tirupathi	932.894	566.000	1680.680	2246.680	289.216	1783.002
14	WLM Hyderabad	128.530	0	0	0	0	0
Total		40890.201	7000.993	28137.471	35138.464	4605.778	36582.083

Sl. No.	Implementation of stipulation				Amount spent till the end of reporting quarter (Rs in Lakhs)	Balance area to be afforested		
	Fund made available by user agency (Rs in La.)	Area afforested				On Forest Land	On Non-Forest land	Total (14+15)
9		10	11	12	13			
1	2822.100	0	10400.000	10400.000	2914.780	0	0	0
2	1200.015	1473.497	770.300	2243.797	949.648	4.050	163.100	167.150
3	2666.685	433.833	888.176	1322.009	671.226	74.569	939.060	1013.629
4	7678.694	1823.890	1168.402	2992.292	774.527	251.550	1584.302	1835.852
5	927.778	60.616	1176.379	1236.995	578.827	2.490	218.858	221.348
6	1910.764	2679.901	724.498	3404.399	1346.578	289.830	197.130	486.960
7	2039.392	846.170	1419.209	2265.379	866.013	54.700	166.924	221.624
8	173.793	105.150	33.150	138.300	92.359	2.250	17.660	19.910
9	3542.777	943.478	2618.414	3561.892	591.752	682.600	868.720	1551.320
10	1654.969	35.570	135.200	170.770	130.910	0	1213.660	1213.660
11	2847.325	458.200	65.225	523.425	75.776	478.236	410.000	888.236
12	7547.668	7.760	776.740	784.500	913.646	0	203.565	203.565
13	1675.202	877.040	1557.420	2326.580	823.927	28.500	141.940	170.440
14	0	0	0	0	0	0	0	0
Total	36687.162	9745.105	21733.113	31370.338	10729.969	1868.775	6124.919	7993.694

11.7 – FOREST SPORTS MEET:

20th All India Forest Sports Meet held from 8th to 12th February 2013 at Tau Devi Lal Stadium, Panchakula hosted by the Haryana Forest Department, Government of Haryana.

The Games were held in Haryana with about 28 States, 7 Union Territories and 10 Forest Research Institutes 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 28 States, 7 Union Territories and 10 Forest Research Institutes 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 22 Medals, 9 Gold, 5 Silver, 4 Bronze Medals & 4th position in 22 Events. Under the Chairmanship of Sri P.A.V. Uday Bhaskar, IFS – Addl. Prl. Chief Conservator of Forests, Development.

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 IT activities are handled by the IT Centre at Aranya Bhavan, Hyderabad and it is supported by 6 RGCs located at Adilabad, Kurnool, Rajahmundry, Tirupati, Vizag and Tirupati.
- ✍ The IT Centre at Aranya Bhavan is headed by APCCF (IT) and supported by 1, ACF (RS), who are assisted by 4 FROs, 35 Project Scientists hired on contractual basis to carry out day-to-day activities.
- ✍ IT 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 GIS & MIS 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 Boundary 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, 2010 & 2011 and 2011 & 2012.
3. Forest Inventory and generation of Andhra Pradesh Forest Inventory 2010.
4. Generation of State of Forest Report 2010, 2011,2012,2013.
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, Beedileaf, Sawmill, TOF, Vegetation Cove 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. 2014.
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 stere-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.
11. Implementation of PDA based WL monitoring.
12. TOF Inventory of Andhra Pradesh.

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. Vehicle Tracking System for better protection.
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 as convergence in implementation of MGNREGS and taking up forestry operations in the Reserved Forest areas and outside.

Raising of plantations, soil and moisture conservation works and habitat improvement works are being taken up in the VSS areas and other forest areas.

Raising of nurseries, avenue plantations and plantations in community lands & institutions etc., are being taken up by the Social Forestry wing outside the Reserved Forest areas.

Large numbers of nurseries are being raised under the Mahatma Gandhi Vana Nursery (MGVN) Program as a part of MGNREGS. These nurseries are being raised to produce good quality seedlings of tree species which are preferred by the people and which are suitable to the agro climatic conditions of the district concerned. 1293 MGVN nurseries are established in the state at the rate of (2-3) nurseries in each Mandal by the Forest Department under MGNREGS. In each MGVN nursery, about 70,000 to 80,000 plants of forest species will be raised each year and will be handed over to the Rural Development Department for planting on the lands of farmers. 96.100 Lakhs seedlings were raised during 2012-13

The physical progress made during 2012-13 is as follows.

- | | | |
|---|---|---------------|
| a. Raising of Block Plantations | – | 1807.50 Ha. |
| b. Raising of Avenue Plantations | – | 987.95 Kms. |
| c. Number of Total Seedlings raised in MGVN | – | 96.100 Lakhs. |

Block, Avenue Plantations & Nursery Seedlings raised under MGNREGS

Year	Block plantation (Area in ha.)	Enrichment plantation (Area in ha.)	Avenue plantation (In Kms.)	MGV Nursery (Seedlings in crores)	Expenditure (Rs. in crores)	Employment generated (in lakhs)
2009-10	0	0	0	0	4.16	1.58
2010-11	1593.00	1937.00	922.00	0	82.28	39.79
2011-12	1809.00	569.00	915.00	20.00	151.55	60.51
2012-13	1807.50	921.00	987.95	8.15	80.25	37.32
Total	5209.50	3427.00	2824.95	28.15	318.24	139.20

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

In pursuance of the Hon'ble Supreme Court's Orders dated 30-10-2002 in I.A. No. 566 in W.P. (Civil) No. 202 of 1995, the Government of India, Ministry of Environment and Forests has constituted an authority known as Compensatory Afforestation Fund Management and Planning Authority (CAMPA) and State CAMPAs in each state for Afforestation of Compensatory lands and conservation, protection, regeneration and management of existing natural forests and wild life including environmental services, research, training and capacity building.

Comprehensive guidelines were issued by the Ministry of Environment and Forests, Government of India in their letter dated 2nd July 2009 on State Compensatory Afforestation Fund Management and Planning Authority (State CAMPA). Based on these guidelines, the A.P. State CAMPA was constituted *vide* G.O.Ms.No.78, EFS&T (For.I) Department, Dated: 11.09.2009.

The Annual Plan of Operation is prepared every year for implementing the A.P. State CAMPA scheme for Protection of Forests and Wild Life and the AP State CAMPA is being implemented in Andhra Pradesh since 2009-10 onwards.

Two main components were taken up under A.P. State CAMPA.

- (i) **Compensatory Afforestation (CA)** under which plantation works are taken up in CA lands taken in lieu of forest areas diverted.
- (ii) **Net Present Value (NPV)** under which core forestry activities of Natural Forest Management; Forest protection through base camps, Check posts and Strike forces; Forest Fire Management; Biodiversity Conservation; Research & development; Capacity Building of frontline forest staff, Information Technology and communication for monitoring the activities are implemented.

Rs. In Lakhs

Year	Amount received from Adhoc CAMPA (MoEF)	Approved Annual Plan of Operations (APO)	Expenditure incurred
2009-10	8978.320	8728.965	1086.965
2010-11	12074.440	12531.753	8282.856
2011-12	11857.000	16980.821	15385.415
2012-13	11960.390	15340.000	11038.498
TOTAL	44870.150	53581.539	35793.734

Achievements:

- ✍ So far an amount of Rs.448.70 Crores has been received from Central Ad-hoc CAMPA to A.P. State CAMPA and the expenditure incurred is Rs.357.937 crores for implementing the Annual Plan of operations (APOs) from 2009-10 to 2012-13.
- ✍ The total area planted under CA component upto 2012 is 7889.532 Ha and 16080 Ha under NPV.
- ✍ Silvicultural thinnings and management of 368 Ha of Teak bearing forests, 917 Ha of Red sanders forests, 8.71 lakh ha of natural bamboo forests and 2374 ha of old Teak plantations was taken up following the working plan prescriptions.
- ✍ 213 nos. Base Camps, 93 Strike Forces, 157 Check Posts and 12 Police parties are established and maintained.
- ✍ 340 Vehicles provided to frontline staff for mobility and protection of forests.
- ✍ 3105 kms of Fire lines created and 4845 kms of old fire lines maintained with 400 Fire watchers every season. 12 Fire watch Towers constructed in Fire risk zone areas.
- ✍ 1028 Boundary pillars maintained and 6035 new pillars were constructed.
- ✍ 26.93 kms of Protection wall constructed around Urban Forest Blocks.
- ✍ 254 Quarters to frontline staff constructed of which 190 completed and occupied.
- ✍ 129 Trainings and 6 Workshops/ seminars conducted for frontline forest staff and senior officers.

**Statement showing the expenditure incurred under CAMPA for CA & NPV
for the year 2012-13**

(Rs. in Lakhs)

Sl. No	Name of the Circle	Expd. Incurred under CAMPA during 2012-2013		
		CA	NPV	Total
1	2	3	4	5
1	Adilabad	64.355	1030.960	1095.314
2	Nizamabad	26.093	707.841	733.934
3	Hyderabad	67.484	479.990	547.475
4	Warangal	1.606	724.615	726.221
5	Khammam	100.765	774.032	874.797
6	Visakhapatnam	25.889	932.569	958.458
7	Rajahmundry	129.569	543.729	673.297
8	Guntur	125.829	997.081	1122.910
9	Kurnool	97.108	597.449	694.557
10	Anantapur	235.267	510.997	746.264
11	WLM Tirupati	90.242	851.976	942.219
12	WLM Hyderabad	0.000	167.708	167.708
13	WLM Eluru	0.000	230.571	230.571
14	FDPT Srisailam	22.776	467.468	490.244
15	Director ZP Hyderabad	0.000	87.694	87.694
16	APFA Dulapalli	0.000	429.890	429.890
17	R&D Circle Hyderabad	0.000	386.688	386.688
18	ITC Hyderabad	0.000	139.737	139.737
Total		986.982	10060.997	11047.979

Component Wise Expenditure Under CA for the Year 2012-13 upto 31-03-2013

Sl. No.	Components	Phy in Ha./Nos.	Fin. (Rs. in Lakhs)
1	Compensatory Afforestation (CA)	1763.987 Ha	785.874
2	Addl.CA/Penal CA.	87.006 Ha	89.52
3	Safety Zone. (SZ)	22.435 Ha	18.119
4	Extraction of tree growth from diverted forest areas (ET)	149773 Nos	12.59
5	Catchment Area Treatment Plan (CAT)		82.265
Total			988.368

Component Wise Expenditure Under NPV for the Year 2012-13 upto 31-03-2013

Sl. No	Components	Phy in Ha./Nos.	Total Outlay Rs. in Lakhs
1	Natural Forest Management (NFM)	11339.60 Ha.	4413.082
2	Forest Protection (FP)		3300.026
3	Forest Fire Management (FFM)		48.288
4	Biodiversity Conservation (BDC)		1055.814
5	Research & Development (R&D)		316.670
6	Capacity building (CB)		431.775
7	Information Technology & Communication (IT&C)		446.408
8	Monitoring & Evaluation (M&E)		38.067
Grand Total :			11038.49

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 2012-13

(in thousands)

Name of the Species	Social Forestry	Territorial	Other Agencies	Total
Ravi	38.64	99.36	12.00	150.00
Marri	14.56	18.12	14.77	47.45
Neem	1709.58	644.79	62.64	2417.01
Peltophorum	395.60	64.17	4.00	463.77
Kanuga	1740.14	568.99	77.05	2386.18
Raintree	219.44	31.22	2.00	252.66
Badam	64.61	7.92	0	72.53
Devakanchanam	25.33	0	0	25.33
Panasa	18.70	36.59	0	55.29
Gulmohar	97.38	19.11	3.80	120.29
T.Maddi	102.12	121.12	3.00	226.24
Ponna	2.15	1.20	0	3.35
Seemabadam	4.38	0	0	4.38
Legastromia	7.54	0	0.50	8.04
Gangaravi	93.33	1.00	0.00	94.33
Kadamalli	0	0	0	0
Seemaruba	30.31	133.89	12.85	177.05
Bandaru	1.25	0.24	0.00	1.49
Rela	1.50	32.77	0.00	34.27
Neredu	1332.20	407.73	83.89	1823.82
Kadamba	0.40	0	0	0.40
Others	41724.45	18168.99	3419.90	63313.34
Tall Seedlings Total:	47623.61	20357.21	3696.40	71677.22
Ravi	58.03	5.00	1.05	64.08
Marri	18.66	5.00	1.03	24.69
Neem	210.51	7.27	20.50	238.28
Others	1175.72	79.36	1783.24	3038.32
Very Tall Seedlings Total:	1462.92	96.63	1805.82	3365.37
All Total:	49086.53	20453.84	5502.22	75042.59

Seedlings and Plantations raised by Social Forestry divisions from 2007-08 to 2012-13

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
2012-13	1052.880	484.990	1537.880	511.00	1112.00
Total	3080.893	1141.107	4222.000	2917.920	1992.129

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.

Extraction of Bamboo:

a. Extraction of Long Bamboo:

(In Nos)

Name of the Circle	Long Bamboo	
	Physical Targets	Achievement
Adilabad	2541337	2746065
Guntur	1290000	1329850
Khammam	1650000	2881933
Kurnool	3334528	4729350
Rajahmundry	1331670	1243057
FDPT Srisailam	1400000	1061390
Visakhapatnam	115000	943273
Warangal	650000	139860
Total	12312535	15074778

b. Bamboo Industrial Cuts:

(In Nos)

Name of the Circle	BIC Bundles	
	Physical Targets	Achievement
Adilabad	233175	38026
Khammam	870000	56014
Kurnool	800	0
Rajahmundry	341391	121991
FDPT Srisailam	100000	0
Visakhapatnam	250000	76700
Total	1795366	292731

c. The Physical Targets and Achievements of Departmental Extraction of Timber and Other Forest Produce (DET) 2012-13

Sl. No.	Name of the Species	2012-13	
		Physical Targets	Achievements
1	Teak (Cmt)	19460.07	9056.53
2	Non-Teak (Cmt)	1655.00	1639.92
I	Timber Total (Cmt)	21115.07	10696.45
3	Casuarina (Cmt)	7006.00	857.48
4	Non-Teak (Cmt)	0	3179.78
5	Teak (Cmt)	5071.00	5106.71
6	Eucalyptus (Cmt)	8641.63	5902.27
II	Fuel - Total (Cmt)	20718.63	15046.24
7	Teak (Nos.)	50094.00	12217.00
8	Non-Teak (Nos.)	0	3090.00
9	Eucalyptus (Nos.)	0	0
III	Poles Total (Nos.)	50094.00	15307.00
10	Long Bamboo (Nos.)	12312535	15074778
11	Bamboo Industrial Cuts (Nos.)	1795366	292731
IV	Bamboo Total (Nos.)	14107901	15367509

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.

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

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. 13th Finance Commission
3. District Office (Forest Protection)

1. Intensification of Forest Management Scheme:

This is central 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 being 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, and development of infrastructure and protection of forests.

During 2012-13:

For the year 2012-13 the budget provided under Central Share are Rs.743.54 lakhs and State Share of Rs.100.00 lakhs in the Budget Estimates making a Total of Rs.843.54 lakhs.

As per the discussions held during the Screening Committee meeting held on 25.7.2012, Government of India desired to submit proposal to a Total amount of Rs.**500.00** lakhs for 2012-13. Accordingly proposals for an amount of Rs.**209.40** lakhs + Rs.**290.60** lakhs, Total Rs.**500.00 lakhs** were submitted to Government of India.

During 2012-13, against the proposals so submitted to the GOI, the Screening Committee in its meeting recommended for sanction of Rs.**214.23** lakhs vide GOI, MoEF, New Delhi reference No.3-4/2012-FPD, dt.30.7.2012.

The State Government have communicated the Administrative sanction for an amount of Rs.**172.61** lakhs, vide GO Rt.No.132 EFS&T (For.II) Dept., Dt.16.3.2013 in pursuance of the G.O.Rt.No.814 Fin.(Expr. MA&UD & EFS&T) Dept., Dt.6.3.2013. Since, the said G.O. is received in the far end of financial year i.e.2012-13 the amount could not be utilized. Hence, the Government was requested for revalidation of the said amount form utilizing in the next financial year.

2. 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 2012-13:

An amount of Rs.1226.230 Lakhs released. An amount of Rs.815.786 Lakhs incurred as expenditure (up to the end of financial year).

3. 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 Maintenance, POL etc. mainly for Vigilance wing of Forest Department for effective protection of forests.

During 2012-13:

The budget provision for 2012-13 is Rs.211.250) lakhs. Out of this, an amount of Rs.103.310 is released. An amount of Rs.120.317 lakhs is incurred towards expenditure (up to the end of financial year).

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
5	2012-13	33661	1125	2226

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
5	2012-13	5227	1272	2632

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
5	2012-13	1488	1390	1002	3139

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 Dept., Dt.11.5.2006 has notified in the Andhra Pradesh Gazette No.290 dated May 20, 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 Biological Diversity 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:

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

Functions:

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.

Biodiversity 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 constituted the 337 BMCs at panchayat level, one at District level (Vijayanagaram) one at Municipality level (Bapatla) and one at Municipal Corporation level (Hyderabad). That the total number of 340 BMCs as on 20.11.2013 in the State as given in the Annexure.

Peoples Biodiversity Registers (PBRs):

1. Mahanandi BMC, Kurnool Dist
2. Goyagone BMC, Adilabad
3. Devapur BMC, Adilabad
4. Jheri BMC, Adilabad
5. Tejpur (Indervally) BMC, Adilabad
6. Mallapur BMC, Adilabad
7. Ginnersa BMC, Adilabad
8. Surdapur BMC, Adilabad
9. Kerameri BMC, Adilabad
10. Erragolla pahad BMC, Warangal.

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.

✍ **Veerapuram:** 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.

✍ **Timmamma Marrimanu:** Timmamma Marrimanu at Gutibylu village of Kadiri Taluk Anantapur District of Andhra Pradesh is a largest banyan tree in the world. The villagers of Gutibayalu have decided to declare this important place as Heritage Site and the Biodiversity Management Committee (BMC) of the said village passed a resolution to this effect and forwarded the same to the A.P.State Biodiversity Board with a copy of the resolution. A series of representations from one Sri Ramananda Reddy General Secretary of Thimmamma Marrimanu Abhivruddi Mandal for declaring this site as world heritage site are also received. Considering the circumstances and the importance of the issue the matter was placed before the Board members of the A.P.State Biodiversity Board in the meeting held on 26.7.2010. Based on the suggestion of the Board a committee is constituted with three members to study the proposed heritage site with o Sri Ashok Kumar IAS (Rtd) Expert Committee member of the Board as Chairman and concerned Revenue Divisional Officer and the Divisional Forest Officer Anantapur as Members. Accordingly in this Board letter No. 49/APSBDB/ Heritage Sites/2008 Dt. 25. 01.2012 proposals were submitted to the Government in EFS&T dept to declare total area of 8.878 Hect pertaining to Timmamma Marrimanu, as Biological Heritage Site which is situated at N: 14.02604; E:078.32669 presently under the control of the Forest Department situated at Gutibayalu village of Kadiri Taluk of Anantapur district as biological heritage site under section 37 (1) Biological Diversity Act 2002.

✍ **Agri Biodiversity:** And also the Board has submitted proposals for declaration Agri Biodiversity at Zaheerabad in Medak Dist as Biological Heritage Site vide reference No. 218/APSBDB/Agri-Biodiversity-BHS/ 2011 dated 30-03-2013. Government orders are awaited.

✍ The following proposals are under consideration

- i. **Timbaktum** - The committee has visited the area on April 23rd 2012 and they were not able to see the faunal boundary of the area, the flora too was not identifiable as most of the tress had shed their leaves and the grasses were dry and the committee has expressed to have another visit to the area.
- ii. **Jannagiri, Kurnool District** – Mr. Mathen Mathew expert member, visited the area along with territorial DFO and territorial Range officer and reported during the meeting

that the tank of Jonnagiri is seasonal and it is filled with run of water, and the fields around are not cultivated and people are involved in collection of Kimberlitic rocks for collection of diamonds. Since there is no biotic factor found they have disagreed the proposal.

- iii. **Srisailam, Kurnool District:** The Expert team constituted is yet to visit Srisailam
- iv. **Tirumala Hills, Chittoor:** The Expert team is yet to visit these sites for their opinion.
- v. **Kolleru – Uppalapadu:** The Expert team is yet to visit these sites for their opinion
- vi. **Talakona, Medicinal Plants Conservation Area (Chittoor):** The Expert team is yet to visit these sites for their opinion.

- ✍ 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.

BIO-DIVERSITY 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.

✍ Awareness programs were conducted in 138 villages in 10 different districts of Andhra Pradesh and they taught about the Biodiversity Act and importance of Biodiversity Conservation. Awareness programmes was performed by different NGOs different and Government Organizations. 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.

Accesses Benefit 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 for 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. Ch.Ramulu) 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 rearing 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, villagers of Pembi are benefited with Rs.6,000/- within the month.

UNEP – GEF Project:

(United Nations Environment Programme - Global Environment Facility)

- ✍ This project is approved for the period for 2011-2014 and the MOEF is the implementing partner for the project and the NBA is the responsible for the implementation of the Project and the States to which the project is to be implements are Andhra Pradesh, Gujarat, Himachal Pradesh, West Bengal and Sikkim and the respective State Biodiversity Boards are implementing agencies.
- ✍ The main aim of the project is to increase the institution, individual and systemic capacities of stakeholders to effectively implement Biological Diversity Act 2002 to achieve biodiversity conservations through implementing Access Benefit Sharing agreements in India. The project has 4 posts, State Project Coordinator, Technical /Scientific Assistant, Finance Assistant and Computer Assistant. The posts have been filled as per project guidelines.

COP-11 (Conference of Parties) :

A.P. State Biodiversity Board has assisted the Government of Andhra Pradesh for successful conducting of Eleventh Conference of Parties (CoP-11) at Hyderabad during October 2012. 175 countries have participated in the conference. A commemorative Pylon was constructed by the A.P. State Biodiversity Board and in Biodiversity Complex at Raidurg village, Hyderabad. A Biodiversity Park is developed and countries who are party to CBD have planted different species in the Biodiversity Complex.

STATEMENT PART – II

ANNUAL ADMINISTRATION REPORT

2012-13

RETURN NO. 1
AREA OF RESERVED FORESTS RESERVED LAND AND UNNOTIFIED FORESTS DURING 2012-13

Sl.No	Name of the Circle	Area of Reserved Forests as on 31.3 .2013 (Sq Km)	Area of Reserved Land as on 31.3.2013 (Sq Km)	Total Area as on 31.3 .2013 (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	6052.583	1068.522	7121.105	65.078	7186.183
2	Nizamabad	2143.800	505.742	2649.542	9.470	2659.012
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	492.203	7563.906	384.384	7948.290
6	Visakhapatnam	3688.434	2727.299	6415.733	126.344	6542.077
7	Rajahmundry	3738.061	215.073	3953.134	464.726	4417.860
8	Guntur	6126.970	0	6126.970	52.426	6179.396
9	Kurnool	5504.381	62.698	5567.079	64.563	5631.642
10	Ananthapur	3474.260	558.100	4032.360	40.350	4072.710
11	WLM Tirupathi	3515.105	1085.728	4600.833	41.272	4642.105
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	12332.049	502.250	12834.299	256.776	13091.075
15	Director Zoological Parks	11.840	0	11.840	0	11.840
	TOTAL	62673.485	8959.049	71632.534	1855.587	73488.121

RETURN NO. 2
BOUNDARIES OF RESERVED FORESTS DURING 2012-13

Sl. No.	Name of the Circle	Length of the boundary line at the beginning of the year 1-4-2012 (in Kms)	Length of the boundary line newly demarcated during the year 2012-13 (in Kms)	Total length of the boundary line at the end of year 31-3-2013 (in Kms) (3+4)	Length maintained during the Year 2012-13 (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	192.750	10245.530	0	0
2	Nizamabad	5367.440	0	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	6467.868	0	6467.868	0	0
6	Visakhapatnam	8229.860	24.600	8254.460	24.600	11.600
7	Rajahmundry	4032.525	0	4032.525	0	0
8	Guntur	4215.924	0	4215.924	0	0
9	Kurnool	4186.820	249.800	4436.620	38.545	27.982
10	Ananthapur	5150.640	0.040	5150.680	6.180	16.815
11	WLM Tirupathi	3136.532	0	3136.532	0	0
12	WLM Hyderabad	74.630	0	74.630	55.500	100.887
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	63960.759	467.190	64427.949	305.835	177.094

RETURN NO. 3
OUT TURN OF TIMBER FROM COUPES (UNITS) BY THE CONTRACTORS AGENCY DURING 2012-13

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 2012-13

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	11	159.660	211.560	1086.369	0	0
6	Visakhapatnam	6	82.350	24.060	988.310	0	0
7	Rajahmundry	13	418.740	0	2977.727	1633.000	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	73.381	42.198	0	0
	TOTAL	30	660.750	309.001	5094.604	1633	0

RETURN NO. 4 (b)
Out turn of Bamboo from coupes (Units) in Departmental Agency during 2012-13

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	22	19216.180	235.214	13330.311
2	Nizamabad	0	0	0	0
3	Hyderabad	0	0	0	0
4	Warangal	1	2420.960	19.295	306.795
5	Khammam	18	1566.169	694.759	1198.388
6	Visakhapatnam	43	99046.000	210.750	4698.395
7	Rajahmundry	33	115876.120	264.680	2806.983
8	Guntur	10	1918.000	165.896	4432.830
9	Kurnool	14	4710.000	351.750	361.313
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	8178.000	131.170	2533.200
	TOTAL	146	252931.429	2073.514	29668.215

RETURN NO. 5
5.A - OUT TURN OF MAJOR FOREST PRODUCE DURING THE YEAR 2012-13
(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	10696.453	2478.390	-	2478.390
2	Fuel Wood	Cmt	15046.240	74.930	-	74.930
Total			25742.693	2553.320	-	2553.320

Source: PCCF Office - Production & Budget

5.B - OUT TURN OF MINOR FOREST PRODUCE DURING THE YEAR 2012-13
(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	15074778	2212.410	0	2212.410
2	Beedi Leaves	No. of SBs	397020	12662.200	0	12662.200
I. Minor Forest Produce (Forest Department) - Total				14874.610	0	14874.610

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	1261.510	0	193.950	193.950
2	Gum Thiruman	Quintals	0.180	0	0.010	0.010
3	Gum Olibanum	Quintals	38.100	0	1.840	1.840
4	Gum Kondagogu	Quintals	101.200	0	16.010	16.010
5	Gum Dikamali	Quintals	0	0	0	0
6	Myrobolans	Quintals	4327.280	0	33.100	33.100
7	Nuxvomica	Quintals	649.650	0	14.010	14.010
8	Seeded Tamarind	Quintals	18037.960	0	279.940	279.940
9	Deseeded Tamarind	Quintals	4137.750	0	135.390	135.390
10	Tamarind Seed	Quintals	68.700	0	0.480	0.480
11	Pungam Seed	Quintals	880.570	0	8.470	8.470
12	Cleaning nuts	Quintals	34.670	0	0.420	0.420
13	Marking nuts	Quintals	1303.520	0	7.350	7.350
14	Mohwa Seed	Quintals	143.850	0	1.890	1.890
15	Mohwa Flower	Quintals	2260.980	0	15.830	15.830
16	Honey	Quintals	1555.590	0	185.640	185.640
17	Sheekakai	Quintals	603.590	0	3.620	3.620
18	Soap nuts	Quintals	1396.440	0	12.680	12.680
19	Hill Brooms (Nos.)	Nos	127066	0	39.310	39.310
20	Hill Brooms (Qtls.)	Quintals	0	0	0	0
21	Wild Brooms (Qtls.)	Quintals	174434.960	0	21.590	21.590
22	Wild Brooms (Nos.)	Nos	0	0	0	0
23	Adda leaf	Quintals	0	0	0	0
24	Naramamidi Bark	Quintals	960.770	0	26.790	26.790
25	Teripods	Quintals	0	0	0	0
26	Maredugeddal	Quintals	277.530	0	27.760	27.760
27	Others	Quintals	0	0	0.630	0.630
28	Medicinal Herbs	Quintals	0	0	1.820	1.820
II. Minor Forest Produce (GCC) - Total				0	1028.530	1028.530

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	71.360	0	3.020	3.020
2	Annato Seed	Quintals	486.480	0	23.140	23.140
3	Rajmah Red	Quintals	609.130	0	27.480	27.480
4	Rajmah White	Quintals	0.900	0	0.06	0
5	White Beans	Quintals	2.720	0	0.08	0
6	Niger Seed	Quintals	0	0	0	0
7	Coffee	Quintals	478.730	0	28.630	28.630
8	Cuttings	Quintals	1593.150	0	36.720	36.720
9	Paddy	Quintals	74272.230	0	892.190	892.190
10	Maize	Quintals	9470.340	0	112.690	112.690
11	Turmeric	Quintals	1976.130	0	134.160	134.160
12	Chillies	Quintals	2165.090	0	120.800	120.800
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	136.280	0	1.670	1.670
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	1380.640	1380.640
Total of Minor Forest Produce (I + II + III)				14874.610	2409.170	17283.780

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

RETURN NO. 6
OUT TURN FROM PLANTATIONS AND THINNINGS DURING 2012-13

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	50.940	772.800	0	0	205.217	155.880	171.434	0	0	6.199	-
6	Visakhapatnam	0	0	0	0	0	104.350	38.223	1762.000	0	24.054	-
7	Rajahmundry	1432.680	1885.975	480.707	0	188.945	278.000	35.762	0	0	0	-
8	Guntur	431.500	2596.010	243.850	0	89.909	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	1915.120	5254.785	724.557	0.000	484.071	538.230	245.419	1762.000	0	30.253	-

RETURN NO. 7
FREE GRANTS DURING THE YEAR 2012-13

Sl.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 2012-13

Sl.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 - 2012-13

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	5	0	45.092	0	-
7	Rajahmundry	0	0	0	0	-
8	Guntur	0	0	0	0	-
9	Kurnool	0	0	0	0	-
10	Ananthapur	0	30	0	978.000	-
11	WLM Tirupathi	0	7	0	74.500	-
12	WLM Hyderabad	0	0	0	0	-
13	WLM Eluru	0	0	0	0	-
14	FDPT Srisailam	0	3	0	8.500	-
	Total	5	40	45.092	1061.000	-

RETURN No.10
OFFENCES DETECTED AND DISPOSED OFF DURING THE YEAR 2012-13

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	796	1807	3975	62	3174	2308	858	4981	6283	31	2201	926	827	2780	5357	262.660	0
2	Nizamabad	1	541	66	0	2083	48	1	2624	114	0	2036	87	1	588	27	129.101	24.904
3	Hyderabad	41	138	23	78	1642	3	119	1780	26	0	1636	3	119	144	23	141.354	0
4	Warangal	1677	1097	605	586	3168	720	2263	4265	1325	0	3477	679	2263	788	646	349.584	0
5	Khammam	1628	806	1672	373	1714	1434	2001	2520	3106	632	1802	1409	1369	718	1697	244.689	0
6	Visakhapatnam	873	49	59	29	3908	69	902	3957	128	16	3926	90	886	31	38	194.634	3.069
7	Rajahmundry	1615	110	147	130	3182	393	1745	3292	540	583	3197	357	1162	95	183	136.342	2.305
8	Guntur	867	17	81	153	3558	184	1020	3575	265	3	3561	202	1017	14	63	216.803	0
9	Kurnool	1042	6	724	61	3442	116	1103	3448	840	35	2375	9	1068	1073	831	156.306	0.939
10	Ananthapur	163	0	11	55	2225	53	218	2225	64	0	2225	5	218	0	59	80.406	0
11	WLM Tirupathi	770	0	319	182	1994	131	952	1994	450	5	1994	20	947	0	430	86.790	0
12	WLM Hyderabad	15	0	2	3	8	3	18	8	5	10	8	0	8	0	5	0.665	0
13	WLM Eluru	456	0	0	0	1	0	456	1	0	32	1	0	424	0	0	0.250	0
14	FDPT Srisailam	86	0	6	47	1675	183	133	1675	189	1	1675	183	132	0	6	72.233	2.252
	Total	10030	4571	7690	1759	31774	5645	11789	36345	13335	1348	30114	3970	10441	6231	9365	2071.817	33.469

RETURN No.11
FOREST OFFENCES INVOLVING VEHICLES BOOKED AND DISPOSED OFF DURING 2012-13

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	38	308	346	5	518	523	43	826	869	3	491	494	40	335	375	75	-
2	Nizamabad	17	20	37	0	288	288	17	308	325	7	262	269	10	46	56	0	-
3	Hyderabad	2	54	56	4	248	252	6	302	308	4	248	252	2	54	56	5	-
4	Warangal	10	115	125	52	242	294	62	357	419	50	192	242	12	165	177	17	-
5	Khammam	40	109	149	31	307	338	71	416	487	3	316	319	68	100	168	12	-
6	Visakhapatnam	2	13	15	0	125	125	2	138	140	0	121	121	2	17	19	0	-
7	Rajahmundry	12	47	59	168	191	359	180	238	418	0	180	180	180	58	238	6	-
8	Guntur	351	0	351	78	37	115	429	37	466	104	4	108	325	33	358	25	-
9	Kurnool	351	4	355	394	259	653	745	263	1008	147	259	406	598	4	602	165	-
10	Ananthapur	52	18	70	47	6	53	99	24	123	4	24	28	95	0	95	24	-
11	WLM Tirupathi	215	0	215	295	13	308	510	13	523	21	13	34	489	0	489	190	-
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	10	0	10	5	27	32	15	27	42	0	27	27	15	0	15	0	-
	Total	1102	688	1790	1079	2261	3340	2181	2949	5130	343	2137	2480	1838	812	2650	519	-

RETURN No.12
GOAT BROWSING CASES BOOKED AND DISPOSED OFF DURING 2012-13

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	0	0	0	0	0	0	0	0	0	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	2	0.070	0	6	0.200	0	8	0.270	0	4	0.130	0	4	0.140
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	173	1.831	0	173	1.831	0	173	1.831	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	2	0.070	0	179	2.031	0	181	2.101	0	177	1.961	0	4	0.140

RETURN No.13
ASSAULT CASES (INCLUDING MURDERS) RECEIVED AND DISPOSED OFF DURIG 2012-13

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	66	1	1	0	67	1	1	0	66	1	-
2	Nizamabad	13	0	0	0	13	0	0	0	13	0	-
3	Hyderabad	1	0	0	0	1	0	0	0	1	0	-
4	Warangal	32	0	12	0	44	0	0	0	44	0	-
5	Khammam	29	0	6	0	35	0	0	0	35	0	-
6	Visakhapatnam	7	0	0	0	7	0	0	0	7	0	-
7	Rajahmundry	0	0	2	0	2	0	0	0	2	0	-
8	Guntur	7	0	2	0	9	0	2	0	7	0	-
9	Kurnool	4	0	2	0	6	0	0	0	6	0	-
10	Ananthapur	0	0	3	0	3	0	1	0	2	0	-
11	WLM Tirupathi	1	0	0	0	1	0	1	0	0	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	14	1	1	0	15	1	1	0	14	1	-
	Total	176	2	29	0	205	2	6	0	199	2	-

RETURN No.14
THE ANNUAL CUT AS PER WORKING PLAN AND ACTUAL ANNUAL CUT DURING 2012-13

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	70	586.42	14	206.82	56	379.60	
		Visakhapatnam	31	441.27	7	114.35	12	326.92	
		Rajahmundry	46	2531.24	11	388.74	35	2142.50	
		Total	147	3558.93	32	709.91	103	2849.02	
2	Bamboo	Adilabad	17	21941.00	12	20014.00	5	1927.00	
		Khammam	21	36277.02	19	31729.89	2	4547.13	
		Visakhapatnam	32	68013.87	22	49878.87	10	18135.00	
		Rajahmundry	68	4941.32	17	3618.79	51	1322.53	
		Guntur	10	1918.00	9	1828.00	1	90	
		Kurnool	2	770.00	2	770.00	0	0	
		Ananthapur	2	220.00	0	0	2	220.00	
		Total	152	134081.21	81	107839.55	69	26021.66	
3	Eucalyptes	Adilabad	7	107.89	2	46.89	5	61.00	
		Khammam	127	186.74	0	0.00	127	186.74	
		Rajahmundry	9	27386.07	5	3543.30	4	23842.77	
		Guntur	600	2291.00	343.84	1343.81	256.16	947.19	
		Total	743	29971.70	351	4934.00	392	25037.70	

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
4	Cashew baser	Khammam	3	546.00	0	0	3	546	
		Visakhapatnam	47	2112.69	38	1547.80	9	564.89	
		Total	50	2658.69	38	1547.80	12	1110.89	
5	Casurina	Visakhapatnam	4	73.00	4	73.00	0	0	
		Rajahmundry	14	536.51	0	0	14	536.51	
		Total	18	609.51	4	73.00	14	536.51	
6	MFP	Khammam	45	50.00	24	0	21	50.00	
		Visakhapatnam	1	623993.97	1	623993.97	0	0.00	
		Total	46	624043.97	25	623993.97	21	50	
7	Miscellaneous Plantation	Kurnool	3	1221.34	2	1026.92	1	194.42	
		Ananthapur	32	2106.00	19	541.00	13	1565.00	
		Total	35	3327.34	21	1567.92	14	1759.42	
8	Beedi (Tuniki) Leaf SBs	Khammam	46	243275.65	46	221800.65	0	21475.00	
Grand Total			1237	1041527.00	598	962466.80	625	78840.20	

RETURN No.15
STATEMENT OF PLANTATIONS RAISED AND EXPENDITURE SPECIES WISE UNDER ANNUAL PLAN DURING 2012-13

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	2	3	4	5	6	7	8	9
1	Teak	Adilabad	2979.270	129.879	416.000	60.089	12058.291	229.113
		Nizamabad	390.000	52.469	390.000	52.469	390.000	52.469
		Warangal	10.000	5.400	10.000	3.940	10.000	3.940
		Visakhapatnam	696.200	1144.285	760.000	143.253	821.200	149.593
		Rajahmundry	145.000	27.360	145.000	26.173	186.470	46.180
		Kurnool	50.000	2.041	50.000	2.070	50.000	2.070
Total			4270.470	1361.434	1771.000	287.994	13515.961	483.365
2	Teak & Misc	Khammam	331.000	224.467	331.000	48.845	331.000	48.845
		Visakhapatnam	225.000	12.799	225.000	12.799	225.000	12.799
		Total	556.000	237.266	556.000	61.644	556.000	61.644
3	Eucalyptus clones	Hyderabad	107.500	23.285	107.500	23.285	107.500	22.075
4	Bamboo	Adilabad	1278.460	96.108	108.000	42.391	5722.620	319.127
		Khammam	55.000	9.546	55.000	6.537	55.000	6.537
		Rajahmundry	50.000	8.357	50.000	5.757	2075.600	179.774
		Guntur	50.000	7.930	50.000	7.391	80.000	11.141
		Kurnool	40.000	5.270	40.000	5.238	1678.000	31.055
Total			1473.460	127.211	303.000	67.314	9611.220	547.634
5	Bamboo Plantation	Kurnool	0.000	0.000	0.000	0.000	500.000	22.689
		Warangal	9.000	0.350	9.000	0.350	733.000	21.108
		Total	9.000	0.350	9.000	0.350	1233.000	43.797
6	Bamboo & Kanuga	Visakhapatnam	141.200	5.650	0	0	141.200	5.650

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	2	3	4	5	6	7	8	9
7	Eucalyptus	Nizamabad	1060.000	214.992	1060.000	214.992	1060.000	214.992
		Warangal	653.500	106.292	650.500	97.676	650.500	97.676
		Khammam	754.180	408.674	754.180	288.859	2202.870	634.614
		Rajahmundry	635.000	92.019	560.000	124.299	3126.710	510.247
		Kurnool	250.000	42.911	243.000	39.309	338.526	62.227
		Anantapur	645.000	183.750	645.000	165.105	755.000	223.459
		FDPT Srisailam	245.000	46.710	245.000	46.710	245.000	46.710
Total								
8	Eucalyptus Clones	Adilabad	1368.790	228.615	569.000	152.517	1710.790	264.934
		Hyderabad	342.000	146.480	225.000	88.380	225.000	88.380
		Guntur	770.000	190.330	770.000	146.542	2754.070	981.805
Total			2480.790	565.425	1564.000	387.439	4689.860	1335.119
9	Eucalyptus & Kanuga	Hyderabad	737.000	153.168	706.070	134.717	706.070	134.717
		Guntur	466.532	79.250	466.532	75.830	11858.602	1264.649
Total			1203.532	232.418	1172.602	210.547	12564.672	1399.366
10	Kanuga (Pongamia)	Adilabad	1508.050	143.847	85.000	15.763	6132.360	196.667
		Warangal	25.000	0.000	25.000	0.000	25.000	0.000
		Rajahmundry	0	0	0	0	2561.500	223.079
		Guntur	0.000	0.000	0.000	0.000	1755.000	356.292
		Kurnool	0.000	0.000	0.000	0.000	690.500	93.480
Total			1533.050	143.847	110.000	15.763	11164.360	869.518
11	Bio- Diesel	Kurnool	0.000	0.000	0.000	0.000	554.500	71.162
12	Silvipasture	Kurnool	0.000	0.000	0.000	0.000	69.200	1.488
13	Casuarina	Visakhapatnam	40.000	4.510	0	0	40.000	4.510
		Rajahmundry	51.000	12.898	51.000	12.898	51.000	12.898
		Guntur	0.000	0.000	0.000	0.000	100.000	12.642
		Kurnool	0.000	0.000	0.000	0.000	2.020	0.002
Total			91.000	17.408	51.000	12.898	193.020	30.052

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	2	3	4	5	6	7	8	9
14	Mangrove	WLM Eluru	218.500	83.258	218.500	83.258	4227.390	721.029
15	Babul	Kurnool	0.000	0.000	0.000	0.000	32.000	0.352
		SF&WP Visakhapatnam	15.000	4.882	15.000	3.473	15.000	3.473
Total			15.000	4.882	15.000	3.473	47.000	3.825
16	Cashew	Kurnool	0.000	0.000	0.000	0.000	54.590	0.029
17	Sissoo	Kurnool	35.000	2.500	35.000	0.586	191.120	4.255
18	<i>Burslia</i>	Kurnool	0.000	0.000	0.000	0.000	4.000	0.059
19	Tamarind	Kurnool	0.000	0.000	0.000	0.000	213.000	0.456
20	Soap Nuts	Kurnool	0.000	0.000	0.000	0.000	19.000	1.914
21	Sheep Pasture	Kurnool	0.000	0.000	0.000	0.000	21.000	0.116
22	A.A.formis	Kurnool	0.000	0.000	0.000	0.000	478.000	3.061
23	Redsanders	Guntur	200.000	29.000	200.000	23.107	200.000	23.107
		Kurnool	250.000	28.174	250.000	22.798	250.000	22.798
Total			450.000	57.174	450.000	45.905	450.000	45.905
24	Sandal Wood	Anantapur	100.000	12.500	100.000	5.453	100.000	5.453
25	Acacia	Visakhapatnam	20.000	4.169	20.000	4.169	20.000	4.169
26	Mango	Kurnool	0.000	0.000	0.000	0.000	8.000	0.494
27	Silver oak	Visakhapatnam	81.000	16.219	81.000	8.319	81.000	8.319
28	Melia dubia	Anantapur	20.000	5.600	10.000	2.800	10.000	2.800

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	2	3	4	5	6	7	8	9
29	Mixed Plantations	Warangal	25.000	0.000	25.000	0.000	25.000	0.000
		Visakhapatnam	33.400	2.640	10.000	2.570	43.400	5.210
		Guntur	1085.500	559.820	1091.206	526.691	1771.206	797.069
		P&E Guntur	140.000	62.541	141.000	62.541	1609.700	4135.582
		P & E Nizamabad	4.000	2.260	4.000	2.260	4.000	2.260
Total			1287.900	627.261	1271.206	594.062	3453.306	4940.121
30	Miscellaneous	WLM Tirupati	1032.315	399.458	1027.315	328.401	7246.485	1500.239
		Adilabad	1677.500	158.060	357.000	68.006	31655.030	528.851
		Nizamabad	1152.160	143.607	1152.160	143.607	1152.160	143.607
		Hyderabad	150.000	28.250	150.000	24.041	150.000	24.041
		Warangal	143.000	29.657	132.000	24.493	132.000	24.493
		Khammam	55.000	11.229	55.000	7.523	55.000	7.523
		Visakhapatnam	51.000	11.020	51.000	8.220	51.000	8.220
		Rajahmundry	70.000	13.530	70.000	11.195	734.750	80.756
		Guntur	900.000	466.041	900.000	466.041	5263.400	3328.224
		Kurnool	630.290	122.756	612.290	111.467	18991.373	768.520
		Anantapur	471.336	142.457	356.336	90.027	1087.014	1126.477
		FDPT Srisailam	176.130	39.734	175.630	33.914	175.630	33.914
		P&E Hyderabad	21.25	8.858	21.25	8.858	21.25	8.858
		P&E Kadapa	39.000	51.308	49.000	24.046	2411.722	269.849
P&E Warangal	40.000	15.494	40.000	9.388	493.990	37.368		
Total			6608.981	1641.459	5148.981	1359.227	69620.804	7890.941
31	Palmyrah Plantation	Kurnool	0.000	0.000	0.000	0.000	3201.000	29.865
32	Nallafund Plantation	Kurnool	0.000	0.000	0.000	0.000	600.000	0.004
33	Block	SF & WP Vijayawada	43.000	10.530	43.000	6.370	43.000	6.370

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	2	3	4	5	6	7	8	9
34	BHA Plantations	P&E Hyderabad	20.000	17.860	10.000	4.468	10.000	4.468
35	Tank Fore Shore Plantation	Kurnool	0.000	0.000	0.000	0.000	156.000	0.579
		P&E Hyderabad	7.000	1.464	0	1.464	7.000	1.464
Total			7.000	1.464	0.000	1.464	163.000	2.043
36	Village Woodlots	Kurnool	0.000	0.000	0.000	0.000	12.000	1.314
37	River Bank	Kurnool	0.000	0.000	0.000	0.000	54.000	1.025
38	Canal Bank Plantation	Kurnool	0.000	0.000	0.000	0.000	234.000	5.082
39	Agave Plantation	Kurnool	0.000	0.000	0.000	0.000	412.000	7.059
40	Afforestation of degraded forests	Kurnool	0.000	0.000	0.000	0.000	4991.000	187.172
41	FDA	Khammam	130.000	53.436	130.000	24.034	130.000	24.034
		Visakhapatnam	10.000	22.706	10.000	1.897	10.000	1.897
Total			140.000	76.142	140.000	25.931	140.000	25.931
42	NTFP	Adilabad	18.000	1.844	18.000	1.844	101.450	9.906
		Rajahmundry	195.000	23.391	465.000	997.667	465.000	9.977
Total			213.000	25.235	483.000	999.511	566.450	19.883
43	SMC works	Kurnool	0.000	0.000	0.000	0.000	1188.000	2.386
44	CAMPA	Visakhapatnam	130.000	50.720	130.000	35.710	130.000	35.710
45	Agave	Kurnool	0.000	0.000	0.000	0.000	7917.000	63.736

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 Kms)	Expenditure (Rs. In Lakhs)	Area (In Kms)	Expenditure (Rs. In Lakhs)	Area (In Kms)	Expenditure (Rs. In Lakhs)
1	2	3	4	5	6	7	8	9
46	Avenue Plantation	Kurnool	0.000	0.000	0.000	0.000	323.010	39.338
		P&E Hyderabad	118.00	286.29	111.00	79.08	111.00	79.08
		SF&WP Visakhapatnam	106.000	140.997	106.000	87.286	106.000	87.291
		SF & WP Vijayawada	218.000	234.020	205.000	189.065	888.500	380.057
		P&E Kadapa	73.300	62.538	68.300	57.262	693.692	259.296
		P&E Warangal	60.000	46.600	60.000	43.067	169.000	104.958
		P&E Ananthapur	35.000	22.750	35.000	21.524	35.000	21.524
Total			610.300	793.192	585.300	477.283	2326.202	971.543

RETURN No.16
AREA BROUGHT UNDER PLANTATIONS (SPECIES WISE) DURING THE YEAR 2012-13

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	11705.870	410.000	12115.870	166.935	73.030	239.965
		Warangal	10.000	45.000	55.000	1.800	0.000	1.800
		Khammam	13977.570	360.000	14337.570	267.914	111.630	379.543
		Visakhapatnam	18149.710	223.000	18372.710	239.039	29.221	268.260
		Rajahmundry	7674.590	25.000	7699.590	122.605	5.590	128.195
		Kurnool	16.000	50.000	66.000	0.310	2.070	2.380
Total			51533.740	1113.000	52646.740	798.602	221.540	1020.142
2	Teak Clones	Khammam	16.100	0.000	16.100	5.169	0.000	5.169
		Visakhapatnam	0.000	60.000	60.000	0.000	6.512	6.512
		Total	16.100	60.000	76.100	5.169	6.512	11.681
3	Teak & Misc	Warangal	6221.740	0.000	6221.740	87.232	0.000	87.232
		Khammam	29016.883	511.000	29527.883	1106.040	251.223	1357.263
		Visakhapatnam	655.000	0.000	655.000	230.301	14.049	244.350
		FDPT Srisailam	2744.000	84.500	2828.500	266.077	12.800	278.877
Total			38637.623	595.500	39233.123	1689.650	278.072	1967.722
4	Bamboo	Adilabad	5429.160	20.000	5449.160	271.863	31.551	303.414
		Warangal	452.030	0.000	452.030	19.988	0.000	19.988
		Khammam	13341.172	80.000	13421.172	445.757	58.480	504.237
		Visakhapatnam	22095.340	0.000	22095.340	12.415	0.000	12.415
		Rajahmundry	2971.600	0.000	2971.600	206.182	0.000	206.182
		Guntur	30.000	50.000	80.000	3.750	7.391	11.141
		Kurnool	1638.000	40.000	1678.000	25.817	5.238	31.055
		FDPT Srisailam	766.000	0.000	766.000	136.759	0.000	136.759
Total			46723.302	190.000	46913.302	1122.532	102.660	1225.192
5	Bamboo under planting	Khammam	1840.000	0.000	1840.000	111.098	0.000	111.098
		Kurnool	500.000	0.000	500.000	22.689	0.000	22.689
		Total	2340.000	0.000	2340.000	133.787	0.000	133.787

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
6	Bamboo(Gap Planting)	Warangal	357.500	9.000	366.500	20.408	0.350	20.758
7	Bamboo & Misc	Adilabad	787.000	0.000	787.000	45.454	0.000	45.454
		Warangal	1220.900	326.700	1547.600	867.918	65.267	933.185
		Rajahmundry	5293.320	230.000	5523.320	486.664	92.201	578.865
Total			7301.220	556.700	7857.920	1400.036	157.468	1557.504
8	Misc&Bamboo	Adilabad	1144.500	0.000	1144.500	165.600	0.000	165.600
9	Eucalyptus	Nizamabad	3974.900	0.000	3974.900	409.497	0.000	409.497
		Hyderabad	2389.000	167.500	2556.500	276.196	27.953	304.149
		Warangal	433.850	445.500	879.350	90.908	59.001	149.909
		Khammam	8952.953	824.180	9777.133	1285.670	375.494	1661.164
		Visakhapatnam	30.360	0.000	30.360	3.151	0.000	3.151
		Rajahmundry	3334.050	560.000	3894.050	401.265	184.874	586.139
		Guntur	1669.000	770.000	2439.000	832.931	146.524	979.455
		Kurnool	961.216	243.000	1204.216	90.590	39.315	129.905
		Ananthapur	2152.000	645.000	2797.000	186.104	165.105	351.209
		WLM Tirupati	45.000	0.000	45.000	0.332	0.000	0.332
		SF&WP Vijayawada	136.000	0.000	136.000	6.386	0.000	6.386
Total			24078.329	3655.180	27733.509	3583.030	998.265	4581.295
10	Eucalyptus Clones	Nizamabad	30.000	0.000	30.000	1.177	0.000	1.177
11	Kanuga & Eucalyptus	Hyderabad	20810.746	796.070	21606.816	1396.804	152.880	1549.684
		Visakhapatnam	39.000	0.000	39.000	0.000	1.166	1.166
Total			20849.746	796.070	21645.816	1396.804	154.046	1550.850
12	Teak Tissue Culture	Adilabad	6.421	6.000	12.421	2.089	1.700	3.789
13	Eucalyptus and mixed plantations	Warangal	467.900	331.500	799.400	0.000	167.108	167.108

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
14	Kanuga (Pongamia)	Adilabad	6047.360	15.000	6062.360	180.904	1.122	182.026
		Nizamabad	284.500	0.000	284.500	17.550	0.000	17.550
		Warangal	290.800	0.000	290.800	90.280	0.000	90.280
		Khammam	9989.000	0.000	9989.000	376.472	0.000	376.472
		Visakhapatnam	832.000	0.000	832.000	5.601	0.000	5.601
		Guntur	1755.000	0.000	1755.000	356.292	0.000	356.292
		Kurnool	690.500	0.000	690.500	93.480	0.000	93.480
Total			19889.160	15.000	19904.160	1120.580	1.122	1121.702
15	Bio-diesel	Hyderabad	599.000	0.000	599.000	99.265	0.630	99.895
		Kurnool	554.500	0.000	554.500	71.162	0.000	71.162
Total			1153.500	0.000	1153.500	170.427	0.630	171.057
16	Silvipasture	Adilabad	50.000	0.000	50.000	1.378	0.000	1.378
		Kurnool	69.200	0.000	69.200	1.488	0.000	1.488
Total			119.200	0.000	119.200	2.866	0.000	2.866
17	S. Gulka	Khammam	10.250	0.000	10.250	0.560	0.000	0.560
18	Casuarina	Visakhapatnam	1116.000	10.000	1126.000	91.006	0.000	91.006
		Rajahmundry	642.500	51.000	693.500	13.020	12.898	25.918
		Guntur	100.000	0.000	100.000	12.642	0.000	12.642
		Kurnool	2.020	0.000	2.020	0.002	0.000	0.002
		SF&WP Visakhapatnam	3949.000	0.000	3949.000	163.476	0.000	163.476
		SF&WP Vijayawada	1122.000	0.000	1122.000	13.413	0.000	13.413
Total			6931.520	61.000	6992.520	293.558	12.898	306.456
19	Mangrove	Rajahmundry	330.000	0.000	330.000	0.941	0.000	0.941
		WLM Eluru	4109.890	218.500	4328.390	637.771	83.258	721.029
Total			4439.890	218.500	4658.390	638.712	83.258	721.970

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
20	Babul	Khammam	425.670	0.000	425.670	21.460	0.000	21.460
		Visakhapatnam	50.000	0.000	50.000	0.046	0.000	0.046
		Kurnool	32.000	0.000	32.000	0.352	0.000	0.352
		P&E Hyderabad	6073.000	46.000	6119.000	67.986	7.000	74.986
		SF&WP Visakhapatnam	875.450	15.000	890.450	32.738	3.473	36.211
		SF&WP Vijayawada	862.000	0.000	862.000	20.634	0.000	20.634
		P&E Kadapa	260.000	0.000	260.000	17.810	0.000	17.810
Total			8578.120	61.000	8639.120	161.026	10.473	171.499
21	Cashew	Khammam	398.400	0.000	398.400	39.176	0.000	39.176
		Visakhapatnam	1086.010	0.000	1086.010	49.947	0.000	49.947
		Rajahmundry	733.230	0.000	733.230	0.375	0.000	0.375
		Kurnool	54.590	0.000	54.590	0.029	0.000	0.029
		WLM Tirupati	44.000	0.000	44.000	0.537	0.000	0.537
		SF&WP Vijayawada	68.000	0.000	68.000	1.644	0.000	1.644
Total			2384.230	0.000	2384.230	91.708	0.000	91.708
22	Sissoo	Kurnool	156.120	35.000	191.120	3.669	0.586	4.255
23	Burslia	Kurnool	4.000	0.000	4.000	0.059	0.000	0.059
24	Tamarind	Kurnool	213.000	0.000	213.000	0.456	0.000	0.456
25	Soap Nuts	Kurnool	19.000	0.000	19.000	1.914	0.000	1.914
26	Pasture grass	Warangal	38.000	0.000	38.000	0.252	0.000	0.252
		Kurnool	21.000	0.000	21.000	0.116	0.000	0.116
Total			59.000	0.000	59.000	0.368	0.000	0.368
27	A.A. Formis	Visakhapatnam	19.540	0.000	19.540	1.275	0.000	1.275
		Kurnool	478.000	0.000	478.000	3.061	0.000	3.061
Total			497.540	0.000	497.540	4.336	0.000	4.336
28	NMP Scheme Saraca Indica	Visakhapatnam	0.000	0.000	0.000	0.000	0.117	0.117
29	Redsandens	Guntur	250.000	200.000	450.000	24.771	23.107	47.878
		Kurnool	25.000	250.000	275.000	5.152	22.798	27.950
		WLM Tirupati	72.000	95.000	167.000	7.370	18.675	26.045
Total			347.000	545.000	892.000	37.293	64.580	101.873

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
30	Sandal wood	Ananthapur	60.000	100.000	160.000	6.960	5.453	12.413
31	Tapsi	Adilabad	258.000	0.000	258.000	1.554	0.000	1.554
		Khammam	7462.000	0.000	7462.000	217.150	0.000	217.150
Total			7720.000	0.000	7720.000	218.704	0.000	218.704
32	Acacia	Visakhapatnam	36.000	0.000	36.000	3.580	0.000	3.580
33	Fuel wood & Fodder	Warangal	40.000	0.000	40.000	1.016	0.000	1.016
		WLM Tirupati	40.000	0.000	40.000	2.016	0.000	2.016
Total			80.000	0.000	80.000	3.032	0.000	3.032
34	Mango	Kurnool	8.000	0.000	8.000	49433.000	0.000	49433.000
35	Silver Oak	Visakhapatnam	36666.250	570.000	37236.250	2447.326	111.258	2558.584
36	A. stipulata	Visakhapatnam	58.000	0.000	58.000	0.024	0.000	0.024
37	Beavers	Visakhapatnam	7361.400	0.000	7361.400	3.423	0.000	3.423
38	orange	Rajahmundry	2466.100	0.000	2466.100	0.367	0.000	0.367
39	Medicinal	Warangal	900.000	0.000	900.000	12.383	0.000	12.383
40	Abnus	Warangal	5.000	0.000	5.000	0.018	0.000	0.018
41	Usiri	Warangal	58.500	0.000	58.500	11.580	0.000	11.580
42	Seethaphal	Warangal	32.000	0.000	32.000	3.698	0.000	3.698
43	Velga	Warangal	20.000	0.000	20.000	3.287	0.000	3.287
44	Perennial Herbs / Shurbs	Rajahmundry	33.000	0.000	33.000	2.034	0.000	2.034
45	Gumkaraya	Khammam	29.000	0.000	29.000	6.623	0.000	6.623
46	Melia dubia	Ananthapur	0.000	10.000	10.000	0.000	2.800	2.800

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
47	Mixed Plantations	Hyderabad	4404.600	0.000	4404.600	267.649	0.000	267.649
		Khammam	432.820	0.000	432.820	34.066	0.000	34.066
		Visakhapatnam	8018.550	136.000	8154.550	200.619	23.535	224.154
		Rajahmundry	1726.650	0.000	1726.650	103.358	0.000	103.358
		Guntur	645.000	225.000	870.000	223.299	42.961	266.260
		P&E Hyderabad	2117.530	63.000	2180.530	173.298	60.543	233.841
		SF&WP Visakhapatnam	897.000	0.000	897.000	27.407	0.000	27.407
		SF&WP Vijayawada	686.500	106.000	792.500	190.992	114.115	305.107
		P&E Ananthapur	4905.340	35.000	4940.340	0.000	21.524	21.524
		P&E Guntur	1468.700	141.000	1609.700	4073.041	62.541	4135.582
P&E Nizamabad	6846.520	90.500	6937.020	504.691	75.568	580.259		
Total			32149.210	796.500	32945.710	5798.419	400.787	6199.206
48	MFP (Minor Forest Produce)	Warangal	9238.560	0.000	9238.560	32.591	0.000	32.591
		Visakhapatnam	1464.330	0.000	1464.330	5.071	0.000	5.071
		Rajahmundry	389.000	0.000	389.000	30.931	0.000	30.931
		WLM Tirupati	128.910	0.000	128.910	3.622	0.000	3.622
Total			11220.800	0.000	11220.800	72.215	0.000	72.215
49	Miscellaneous	Adilabad	50264.730	566.000	50830.730	1071.397	123.842	1195.239
		Nizamabad	2794.890	0.000	2794.890	461.402	0.000	461.402
		Warangal	55.000	132.000	187.000	3.840	7.042	10.882
		Khammam	14569.150	200.000	14769.150	578.276	65.046	643.322
		Visakhapatnam	22461.590	71.000	22532.590	416.199	20.934	437.133
		Rajahmundry	0.000	10.000	10.000	0.000	1.610	1.610
		Guntur	27830.654	2227.889	30058.543	5712.374	1025.601	6737.975
		Kurnool	22705.243	612.290	23317.533	4463610.970	111.467	4463722.437
		Ananthapur	20504.178	418.336	20922.514	2295.963	128.027	2423.990
		WLM Tirupati	23126.130	681.000	23807.130	2247.127	194.187	2441.314
		FDPT Srisailam	314.500	314.500	629.000	34.485	61.981	96.466
		P&E Hyderabad	4175.930	71.620	4247.550	1015.177	20.300	1035.477
		SF&WP Visakhapatnam	47.100	0.000	47.100	14.098	0.000	14.098
		SF&WP Vijayawada	120.940	87.000	207.940	49.718	33.200	82.918
SF & WP Warangal	757.460	40.000	797.460	131.131	11.086	142.217		
Total			189727.495	5431.635	195159.130	4477642.157	1804.323	4479446.481

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
50	Palmyrah Plantation	Kurnool	3201.000	0.000	3201.000	29.865	0.000	29.865
51	Nallafund Plantation	Kurnool	600.000	0.000	600.000	0.004	0.000	0.004
52	Block Plantation	P&E Kadapa	138.000	29.000	167.000	42.077	7.343	49.420
53	B.H.A.	P&E Kadapa	20.000	0.000	20.000	6.630	0.000	6.630
54	Tank Foreshore	Warangal	4.000	0.000	4.000	0.101	0.000	0.101
		Kurnool	156.000	0.000	156.000	0.579	0.000	0.579
Total			160.000	0.000	160.000	0.680	0.000	0.680
55	Village Woodlots	Kurnool	12.000	0.000	12.000	1.314	0.000	1.314
		P&E Kadapa	249.330	0.000	249.330	60.479	0.000	60.479
Total			261.330	0.000	261.330	61.793	0.000	61.793
56	River Bank	Kurnool	54.000	0.000	54.000	1.025	0.000	1.025
57	Canal Bank Plantation	Kurnool	261.500	0.000	261.500	17.602	0.000	17.602
58	Agave	Kurnool	8329.000	0.000	8329.000	70.795	0.000	70.795
		WLM Tirupati	40.000	0.000	40.000	0.160	0.000	0.160
Total			8369.000	0.000	8369.000	70.955	0.000	70.955
59	Afforestation of degraded forests	Kurnool	4991.000	0.000	4991.000	187.172	0.000	187.172
		P&E Kadapa	3.000	0.000	3.000	5.972	0.000	5.972
Total			4994.000	0.000	4994.000	193.144	0.000	193.144
60	Institutional Plantation	P&E Kadapa	15.000	5.000	20.000	6.630	0.000	6.630
61	Reclothing of degraded forestscheme	Warangal	25.000	0.000	25.000	0.745	0.000	0.745
		Visakhapatnam	7700.000	0.000	7700.000	6.275	0.000	6.275
Total			7725.000	0.000	7725.000	7.020	0.000	7.020
62	APFP (WB)	Warangal	100.000	0.000	100.000	3.905	0.000	3.905
		WLM Tirupati	2859.000	0.000	2859.000	68.846	0.000	68.846
Total			2959.000	0.000	2959.000	72.751	0.000	72.751

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
63	APCFM	Visakhapatnam	7064.500	1.000	7065.500	85.122	0.000	85.122
64	FDA	Visakhapatnam	0.000	173.000	173.000	0.000	6.478	6.478
		WLM Tirupati	2078.500	81.000	2159.500	221.557	37.243	258.800
		Total	2078.500	254.000	2332.500	221.557	43.721	265.278
65	NTFP	Adilabad	130.950	18.000	148.950	14.974	1.844	16.818
		Nizamabad	2899.000	0.000	2899.000	257.199	0.000	257.199
		Khammam	8249.370	0.000	8249.370	249.759	0.000	249.759
		Visakhapatnam	570.000	0.000	570.000	7.137	0.000	7.137
		Rajahmundry	200.000	742.340	942.340	11.835	18.315	30.150
		Total	12049.320	760.340	12809.660	540.904	20.159	561.063
66	MCT	Khammam	60.040	0.000	60.040	35.098	0.000	35.098
67	MLCT	Adilabad	8.590	0.000	8.590	0.750	0.000	0.750
		Warangal	9.000	0.000	9.000	2.890	0.000	2.890
		Total	17.590	0.000	17.590	3.640	0.000	3.640
68	AOFFP	Visakhapatnam	795.000	0.000	795.000	1.984	0.000	1.984
69	CIDA	Warangal	40.000	0.000	40.000	0.425	0.000	0.425
		Visakhapatnam	399.000	0.000	399.000	1.645	0.000	1.645
		Total	439.000	0.000	439.000	2.070	0.000	2.070
70	NREP	Warangal	392.550	0.000	392.550	13.416	0.000	13.416
		Visakhapatnam	413.300	0.000	413.300	1.296	0.000	1.296
		Total	805.850	0.000	805.850	14.712	0.000	14.712
71	SMC works	Kurnool	1188.000	0.000	1188.000	2.386	0.000	2.386
72	CA	WLM Tirupati	112.360	35.960	148.320	87.686	4.279	91.965
73	CAMPA	WLM Tirupati	0.000	25.000	25.000	0.000	7.692	7.692
74	NTSH	Warangal	0.000	25.000	25.000	0.000	0.000	0.000

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
75	Avenue Plantations	Warangal	37.500	0.000	37.500	1.587	0.000	1.587
		Khammam	162.020	0.000	162.020	17.200	0.000	17.200
		Rajahmundry	7.500	0.000	7.500	0.512	0.000	0.512
		Kurnool	295.510	0.000	295.510	26.818	0.000	26.818
		SF&WP Visakhapatnam	757.000	106.000	863.000	314.392	87.285	401.677
		SF&WP Vijayawada	883.000	52.000	935.000	412.680	48.120	460.800
Total			2142.530	158.000	2300.530	773.189	135.405	908.594

RETURN No.17
ROADS DURING THE YEAR 2012-13

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	0.330	0	51	255.058	-
2	Nizamabad	14	100.037	0	0	0	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	1	0.269	18.000	119	343.333	-
6	Visakhapatnam	113	414.135	4	5.300	11.420	117	419.435	-
7	Rajahmundry	63	294.527	0	0	0	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	0.410	0	30	123.140	-
11	WLM Tirupathi	101	642.123	0	0	0	101	642.123	-
12	WLM Hyderabad	10	93.428	1	12.000	1.800	11	105.428	-
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	34	31.563	0	0	8.630	34	31.563	-
	Total	843	4559.159	6	18.309	45.129	849	4586.468	-

RETURN No.18
BUILDINGS UNDER FOREST DEPARTMENT FOR THE YEAR 2012-13

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	265	67	30	49	16	7	1	27	15	66	543	-
2	Nizamabad	151	20	11	1	0	2	0	12	7	73	277	-
3	Hyderabad	101	27	9	0	0	1	0	6	1	29	174	-
4	Warangal	221	50	27	0	0	7	1	22	34	71	433	-
5	Khammam	156	39	20	2	7	8	1	34	24	103	394	-
6	Visakhapatnam	137	60	26	16	12	6	1	20	8	51	337	-
7	Rajahmundry	103	33	16	3	4	5	2	4	7	62	239	-
8	Guntur	147	32	11	9	0	8	1	19	22	122	371	-
9	Kurnool	105	27	17	6	1	5	1	25	16	51	254	-
10	Ananthapur	74	14	9	0	1	3	1	12	14	23	151	-
11	WLM Tirupathi	85	27	7	3	0	3	1	14	22	106	268	-
12	WLM Hyderabad	0	0	0	0	0	0	0	2	6	28	36	-
13	WLM Eluru	11	4	3	0	0	1	0	2	4	25	50	-
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	66	71	-
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	2	1	2	0	4	10	-
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	4	0	13	18	-
23	Director Zoological Parks	30	3	0	0	0	2	0	6	4	42	87	-
Total		1729	464	215	93	41	78	14	248	197	1039	4118	-

RETURN No.19
VEHICLES , ARMS AND AMMUNITION UNDER FOREST DEPARTMENT FOR THE YEAR 2012-13

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	34	0	4	0	3	0	2	183	0	5	0	0	-
5	Khammam	41	1	1	1	1	0	243	1606	0	1	0	0	-
6	Visakhapatnam	44	1	0	0	5	3	16	1563	0	0	0	0	-
7	Rajahmundry	25	1	0	13	2	2	6	84	0	0	2	12	-
8	Guntur	32	0	1	8	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	22	211	1	0	1	1	-
11	WLM Tirupathi	16	2	0	15	6	3	34	480	0	3	6	0	-
12	WLM Hyderabad	5	0	1	0	2	0	0	0	2	3	0	4	-
13	WLM Eluru	4	0	0	4	0	17	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	1	0	0	0	0	0	0	0	0	0	0	-
16	SF & WP Visakhapatnam	3	0	0	0	0	0	0	0	0	0	0	0	-
17	SF & WP Vijayawada	5	1	0	0	4	0	0	0	1	0	1	0	-
18	SF & WP Kadapa	4	0	0	0	0	0	0	0	0	1	3	0	-
19	SF & WP Warangal	5	1	0	0	4	0	0	0	0	1	0	50	-
20	P&E Ananthapur	5	0	0	0	0	0	0	0	0	0	0	0	-
21	P&E Guntur	3	1	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	11	2	4	0	12	2	0	163	3	5	8	48	-
	Total	419	19	22	57	60	80	484	8752	12	30	28	116	-

RETURN No.20
Expenditure(Audited Actuals) for the year 2012-13

(Rs. in Lakhs)

SI. No.	Name of the Scheme	Plan	Non Plan
1	2	3	4
A	PLAN		
I	Central Sector Schemes		
1	Project Elephant	50.489	0
2	13th Finance Commission (Addl.)		
	a. Forest Protection	815.786	0
	b. Wildlife	742.926	0
	c. Social Forestry	1131.880	0
	d. FDA	1091.262	0
	e. Research	12.803	0
	f. Training	120.575	0
	g. IT & C	26.813	0
	h. WP	67.260	0
	Total: 13th FC	4009.305	0
3	12th Finance Commission		
	a. Forest Protection	1.996	0
	b. Wildlife	13.970	0
	c. IT & C	13.148	0
	Total: 12th FC	29.114	0
	Total: Central Sector Schemes	4038.419	0
II	Matching State Share Schemes		
4	Development of National Parks & Sanctuaries (50% Recurring Expenditure)	0	0
5	Integrated Forest Protection (Fire Protection) Scheme (IFPS) (25%)	0	0
6	R.V.P – Improving productivity of degraded lands in Machkund Sileru Basin (10%)	6.119	0
	Total: MSSS	6.119	0
III	Centrally Sponsored Schemes		
7	Sanctuaries	574.101	0
8	Integrated Forest Protection	0	0
9	River Vally Project Scheme	388.469	0
10	Kolleru Wet Land	0	0
	Total: Centrally Sponsored Schemes	962.570	0

Sl. No.	Name of the Scheme	Plan	Non Plan
1	2	3	4
IV	Normal State Plan		
11	District Offices		
	a. Regional Offices	25.214	0
	b. Strengthening & Upgradation of FD / Publicity	20.690	0
	c. Forest Protection	120.317	0
	Total: D.O.	166.221	0
12	Mixed Plantation	493.829	0
13	Telugu Ganga Project (TGP)		
	Telugu Ganga Project (TGP)	107.672	0
	TGP Works (S)	413.103	0
	Total: T.G.P	520.775	0
14	Seed Development	42.012	0
15	Environment Plantation in degraded Forests around Urban area	2.480	0
16	Zoological Parks	301.238	0
17	Sanctuaries	198.189	0
18	Dev. of National Park & Sanctuaries	89.856	0
19	APSO, Yellandu	2.416	0
20	RVP	31.429	0
21	Dr. YSR Project (Addl.)	272.000	0
22	COP-11	784.968	0
	Total: N.S.P	2905.413	0
IV	Pollution Control		
23	Pollution Control	496.000	0
	Total: Pollution Control	496.000	0
	Plan Total	8459.010	0
B	NON PLAN		
1	Head Quarters	0	1524.511
2	District Offices	0	22673.778
3	Forest School Yellendu	0	109.337
4	Training	0	2.624
5	Building of PCCF	0	69.300
6	Sanctuaries	0	2044.092
7	Nehru Zoological Park	0	184.297
8	Other Zoological Parks	0	236.039
9	Muchkund Basin	0	229.377
10	A.P. Science Centre	0	90.722
	Non-Plan Total	0	27164.077
	Total Expenditure (A+B):	8459.010	27164.077

Source: Budget Section of Prl.CCF Office.

RETURN No.21
Revenue Achieved during the Years 2012-13

(Rs. in Lakhs)

SI.No	Major Heads	2012-13
1	2	3
	MH-101-Sale of Timber & Other Forest Produce	
1	(01) – Sale of Timber	2478.390
2	(02) – Sale of Bamboo	2212.410
3	(03) – Sale of Firewood & Charcoal	74.930
4	(04) – Sale of Other Forest Produce	12.440
5	(05) – Receipts form Beedi Leaf	34.460
6	(06) – Receipts from teak plants	1733.470
7	(07) – Receipts from Cashew plantations	41.890
8	(08) – Receipts from other plantations	232.000
9	(09) – Receipts from Red Sanders	370.500
10	(10) – Receipts from thinning Operations	2.920
	Total: 101:	7193.410
	MH 800 – Other Receipts:	
1	(01) – Leave Salary Contribution	0.200
2	(02) – Fine and Forfeitures	17.220
3	(03) – Rents from Buildings	9.000
4	(04) – Compounding fee	2229.850
5	(05)–Receipts from charitable Inst	1.130
6	(06) – Legal Charges collected from APFDC	0
7	(77) – User charges	108.320
8	(80) – Sale of Waste paper and Others	34.020
9	(81) – Other Receipts	7228.970
	Total: 800:	9628.710
	Grand Total:	16822.120

*Source: PCCF Office - Budget Section

RETURN No.22
Statement showing the species wise sale results for 2012-13

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	7639	17835	12500	16050	3200	0
			46-60	0	0	0	19011	20119	5650	8984	0	0
			61-90	28642	31989	0	103000	187509	47500	44934	78800	9100
			91-120	48185	48634	20000	79017	202601	44000	33893	39100	14000
			121& Abv	13000	0	0	79142	205002	0	49000	50300	0
			sizes	27488	0	0	579550	96894	0	52781	0	0
1	Nizamabad		0-45	310	167	0	73	135	40	891	495	20
			46-60	241	98	0	162	123	0	535	610	0
			61-90	680	154	0	140	142	0	530	761	0
			91-120	570	182	0	74	126	0	763	112	0
			121& Abv	670	172	0	0	0	0	0	0	0
1	Warangal		0-45	148	207	207	15016	42301	6825	3190	2902	3659
			46-60	68495	0	0	23799	32667	20156	6603	8108	1752
			61-90	105190	370640	80685	58967	361200	0	14741	27785	8027
			91-120	202248	370951	87411	127715	195899	0	15609	8166	35295
			121 & Abv	66136	90741	0	71369	0	0	23888	0	10928
1	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	29037	39622
			121 & Abv	79268	80220	0	55013	69334	68950	24162	47403	35161
			Sizes	67216	77651	74744	0	62968	0	39963	35878	0
1	Visakhapatnam	0-45	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	62313	78147	56345	43131	46039	
		121 & Abv	67637	70450	65900	44746	50480	55621	0	43439	43868	
		Sizes	0	38283	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
1	Rajahmundry	Teak	0-45	0	0	0	17789	26500	21014	13012	18184	21850
			46-60	0	44599	34716	27912	30700	34321	19618	23827	28563
			61-90	45543	61094	53088	42043	44075	46811	25643	34552	38321
			91-120	72197	65630	76703	60913	61919	65718	35450	51320	60108
			121 & Abv	69565	88889	95300	61994	71075	37549	57408	62795	59864
1	Guntur		46-60	0	0	0	0	0	0	15265	0	0
1	Kurnool		0-45	5749	0	0	0	0	0	0	0	0
			46-60	169902	0	0	0	0	0	0	0	0
			61-90	111570	0	0	0	0	0	0	0	0
			91-120	127477	0	0	0	0	0	0	0	0
			121 & Abv	104513	0	0	0	0	0	0	0	0
1	FDPT Srisailam		61-90	0	0	0	20000	0	0	9800	0	0
2	Adilabad		46-60	4396	0	0	0	0	0	0	0	0
2	Khammam		0-45	2296	4178	3880	1847	2370	2723	0	0	0
			46-60	2296	4186	4883	3009	4269	4559	1729	4705	6186
		61-90	6055	4861	5885	3307	4434	5650	1729	4705	6186	
		91-120	4509	5855	0	3289	3816	5189	0	5155	0	
		121 & Abv	0	0	0	4910	2772	6110	0	0	0	
2	Rajahmundry	0-45	0	0	0	0	0	0	0	5678	0	
		46-60	0	0	0	6512	7833	0	7292	5419	6481	
		91-120	0	0	6515	10628	10460	10173	12500	9844	5274	
		121 & Abv	10335	10324	10329	10335	11324	20000	0	13795	14862	
3	Warangal	0-45	0	0	572	0	746	1323	0	0	0	
		46-60	0	0	2020	0	8804	2466	0	7441	0	
		61-90	978	42592	47382	365	62102	38623	0	786	698	
		91-120	0	117191	67116	0	6748	10564	0	0	0	
		121 & Abv	0	11834	0	0	24600	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
3	Khammam	Nallamaddi	46-60	0	0	0	3349	4456	5445	0	0	0
			61-90	0	0	0	6899	8302	12562	0	0	0
			91-120	0	7498	0	11312	9791	10568	12884	0	0
			121 & Abv	0	0	0	9295	0	5868	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
3	Rajahmundry		0-45	0	0	0	0	0	0	0	0	870
			46-60	0	0	0	0	0	0	4762	4118	0
			61-90	0	0	0	0	10110	8027	7317	10500	7663
			91-120	0	0	0	0	0	10844	0	5506	0
			121 & Abv	0	0	0	11111	10064	12653	0	6199	0
3	Kurnool		0-45	264	0	0	0	0	0	0	0	0
3	FDPT Srisailam		46-60	0	0	0	31120	23668	19580	24983	17289	27446
			61-90	0	0	0	0	31565	0	19247	51237	31565
			91-120	0	0	46207	34225	31565	30493	19135	17630	13037
		121 & Abv	0	0	0	20910	14861	30626	0	0	0	
4	Khammam	0-45	0	0	0	0	1989	0	0	0	0	
		46-60	0	0	0	0	2373	3354	0	0	0	
		61-90	0	0	6577	13490	16980	16123	0	0	0	
		91-120	22347	23068	0	19159	20868	0	0	0	0	
		121 & Abv	0	0	0	10315	31521	0	0	0	0	
4	Visakhapatnam	61-90	0	0	0	0	0	0	8621	9929	0	
		91-120	0	0	0	0	12956	0	12308	0	0	
		121 & Abv	0	0	0	15906	0	0	0	0	0	
		Sizes	0	26336	0	0	0	0	0	0	0	
4	Rajahmundry	0-45	0	0	0	0	0	0	0	14096	0	
		61-90	0	0	0	30686	12146	16415	0	10563	9302	
		91-120	0	0	0	26900	33095	0	27473	26106	0	
		121 & Abv	42493	0	0	31351	35897	29981	0	20292	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
4	Kurnool	Yegisa	46-60	44644	0	0	0	0	0	0	0	0
			61-90	36746	0	0	0	0	0	0	0	0
5	Khammam		46-60	0	0	0	25736	22112	0	0	0	0
			61-90	60735	72679	0	0	0	0	0	0	0
			91-120	92918	0	0	83266	76675	0	0	0	0
			121 & Abv	107502	0	0	94622	101292	66026	0	0	0
			Sizes	70356	169467	0	0	0	0	0	0	0
5	Visakhapatnam	Jitregi (Rose Wood)	Sizes	0	52387	0	0	0	0	0	0	
5	Rajahmundry		0-45	0	0	0	0	0	0	44421	0	
			46-60	0	0	0	0	0	0	0	54872	0
			61-90	0	80277	0	36842	37433	0	88235	77461	0
			91-120	146707	135985	146375	0	0	0	50781	0	0
7	Warangal		46-60	0	0	978	0	0	0	0	0	0
			61-90	0	5587	6839	0	4200	0	0	0	0
			91-120	0	6913	7183	0	16069	6431	0	0	0
7	Khammam	Bandaru	91-105	0	0	0	0	0	0	0	29402	
7	Rajahmundry		61-90	0	0	0	0	22887	0	0	0	0
			91-120	0	0	0	0	0	0	0	0	0
			121 & Abv	0	0	0	0	0	0	0	0	0
8	Khammam	Tuniki	46-90	0	0	0	0	0	0	1795	1407	0
			61-90	0	0	0	0	0	0	0	1120	0
9	Visakhapatnam		61-90	0	0	0	0	0	0	1772	0	0
			91-120	0	0	0	0	0	0	3722	0	0
9	Rajahmundry	Eucalyptus	0-45	0	0	0	0	2008	2288	2593	1913	1919
			46-60	0	0	0	0	2583	2777	2778	1891	2549
			61-90	0	0	0	0	2924	6288	0	3115	3078
			91-120	0	0	6995	0	6148	6283	4867	3922	4167
			121 & Abv	0	0	9021	0	8750	0	5400	0	5735

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
10	Visakhapatnam	Gannara	121 & Abv	0	0	0	15964	0	0	0	0	0
			Sizes	0	19984	0	0	0	0	0	0	0
11	Rajahmundry	Softwood	0-45	0	0	0	0	0	0	0	0	0
			91-120	0	0	0	0	0	0	0	0	0
			121 & Abv	0	0	0	0	0	2571	0	0	0
11	Kurnool	Softwood	61-90	53493	0	0	0	0	0	0	0	0
			91-120	13578	0	0	0	0	0	0	0	0
			121 & Abv	19426	0	0	0	0	0	0	0	0
12	Rajahmundry	Chinduga	61-90	0	0	0	19737	14451	0	0	0	0
			91-120	0	0	0	30049	18892	0	22570	23276	0
			121 & Abv	0	0	0	38172	42500	0	28607	0	0
12	Guntur		46-60	0	0	0	1535	0	0	0	0	
13	Visakhapatnam		Sizes	0	8908	0	0	0	0	0	0	
13	Rajahmundry	Gummadi	0-45	0	0	0	0	0	0	0	0	0
			91-120	0	0	0	0	0	0	0	0	0
			121 & Abv	0	34545	0	0	0	0	0	0	0
10	Adilabad		Sizes	0	0	0	10000	0	0	0	0	
17	Warangal	Bijasal	0-45	0	0	0	0	0	383	0	0	0
			46-60	0	0	985	0	1990	4171	0	0	0
			61-90	0	3262	8760	1278	29437	63359	0	0	0
			91-120	9493	91800	36706	16966	84608	53563	0	0	0
			121 & Abv	16500	105237	45500	10500	116212	54788	0	17100	0
			Sizes	0	137959	259941	0	0	0	0	0	0
17	FDPT Srisailam		61-90	0	0	0	0	10900	0	0	0	
18	FDPT Srisailam	Battaganam	41-60	0	0	0	13100	0	0	0	0	
			91-120	0	0	0	0	24000	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
19	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 & Abv	83.90								
22	Visakhapatnam	Tangedu	Sizes	0	600	0	0	0	0	0	0	
31	Warangal	Narayepa	61-90	0	0	0	0	0	1955	0	0	0
			91-120	0	0	0	0	8045	0	0	0	0
31	FDPT Srisailam	Narayepa	61-90	14000	0	0	60000	38000	0	0	0	0
			91-120	0	0	0	35000	50000	0	10000	0	8950
			121& Abv	0	19000	0	0	22000	9000	0	4500	0
33	FDPT Srisailam	Telusu	61-90	0	0	0	12000	0	0	0	0	
34	Warangal	Sheesham	0-45	0	0	0	1396	0	0	0	0	0
			46-60	0	0	0	34551	7121	0	0	0	0
			61-90	38713	50006	29446	117157	256374	0	0	0	0
			91-120	62301	60238	59000	97797	19000	19000	0	0	0
			121 & Abv		18000	73500	0	0	0	0	0	0
36	Visakhapatnam	Pines	91-120	0	0	0	0	2292	2075	0	0	0
			121 & Abv	0	0	0	0	0	0			
99	Warangal	Miscellaneous	0-45	18	25	0	0	0	0	0	0	0
			46-60	0	0	0	0	386	3526	0	0	0
			61-90	3012	7000	0	2808	9513	5470	0	2968	0
			91-120	0	0	0	2187	3238	3008	0	1032	0
			121 & Abv	0	0	0	0	0	3752	0	0	3500

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	
99	Visakhapatnam	Miscellaneous	46-60	0	0	0	0	0	0	0	0	0	
			61-90	0	0	0	0	0	0	0	4532	0	
99	Rajahmundry		46-60	0	0	0	0	4545	4734	0	0	0	0
			61-90	0	0	0	8621	5775	9375	6145	6011	0	0
			91-120	0	0	0	7558	7158	0	0	3038	7015	0
			121 & Abv	0	0	0	13475	17745	16962	0	3519	4388	0
99	Kurnool		0-45	25042	0	0	0	0	0	0	0	0	0
			46-60	70261	0	0	0	0	0	0	0	0	0
			61-90	32754	0	0	0	0	0	0	0	0	0
			91-120	238485	0	0	0	0	0	0	0	0	0
		121 & Abv	28841	0	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	Srikakulm	45	9	13	0	22	12	79
12	Vizianagaram	Viziangaram	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	Anathapur	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