

**MINISTRY OF ENVIRONMENT AND FORESTS**

## DEMAND NO. 30

**Ministry of Environment and Forests**

A. The Budget allocations, net of recoveries and receipts, are given below:

		<i>(In crores of Rupees)</i>											
Major Head	Actual 2009-2010			Budget 2010-2011			Revised 2010-2011			Budget 2011-2012			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
Revenue	1616.46	375.61	1992.07	2169.07	136.67	2305.74	2169.07	170.56	2339.63	2234.50	176.79	2411.29	
Capital	13.51	14.17	27.68	30.93	14.49	45.42	30.93	14.96	45.89	65.50	15.18	80.68	
<b>Total</b>	<b>1629.97</b>	<b>389.78</b>	<b>2019.75</b>	<b>2200.00</b>	<b>151.16</b>	<b>2351.16</b>	<b>2200.00</b>	<b>185.52</b>	<b>2385.52</b>	<b>2300.00</b>	<b>191.97</b>	<b>2491.97</b>	
1. Secretariat-Economic Services	3451	...	39.25	39.25	...	28.44	28.44	...	34.69	34.69	...	36.55	36.55
<b>Forestry and Wildlife</b>													
2. Education and Training													
2.01 State Forest Rangers College	2406	3.66	6.01	9.67	4.39	4.08	8.47	4.39	6.28	10.67	4.39	6.70	11.09
	4406	0.56	...	0.56	...	...	...	...	...	...	...	...	...
<i>Total</i>		<i>4.22</i>	<i>6.01</i>	<i>10.23</i>	<i>4.39</i>	<i>4.08</i>	<i>8.47</i>	<i>4.39</i>	<i>6.28</i>	<i>10.67</i>	<i>4.39</i>	<i>6.70</i>	<i>11.09</i>
2.02 Indira Gandhi National Forest Academy	2406	13.69	6.51	20.20	25.00	11.53	36.53	31.00	11.53	42.53	25.00	12.09	37.09
	4406	0.02	...	0.02	...	...	...	...	...	...	...	...	...
<i>Total</i>		<i>13.71</i>	<i>6.51</i>	<i>20.22</i>	<i>25.00</i>	<i>11.53</i>	<i>36.53</i>	<i>31.00</i>	<i>11.53</i>	<i>42.53</i>	<i>25.00</i>	<i>12.09</i>	<i>37.09</i>
2.03 Training of I.F.S. Officers	2406	2.88	...	2.88	2.00	...	2.00	2.00	...	2.00	2.00	...	2.00
2.04 Indian Institute of Forestry Management	2406	8.00	3.35	11.35	10.00	2.30	12.30	10.00	2.50	12.50	10.00	2.50	12.50
2.05 Training of Personnel of other services	2406	...	...	...	1.00	...	1.00	1.00	...	1.00	1.00	...	1.00
2.06 Foreign Training of Forestry Personnel	2406	0.48	...	0.48	1.00	...	1.00	1.00	...	1.00	1.00	...	1.00
2.07 Training of Other Stakeholders	2406	...	...	...	0.50	...	0.50	0.50	...	0.50	0.50	...	0.50
2.08 Capacity Building for Forest Management & Training of Personnel (EAP)	2406	0.14	...	0.14	34.90	...	34.90	10.00	...	10.00	50.00	...	50.00
<i>Total- Education and Training</i>		<i>29.43</i>	<i>15.87</i>	<i>45.30</i>	<i>78.79</i>	<i>17.91</i>	<i>96.70</i>	<i>59.89</i>	<i>20.31</i>	<i>80.20</i>	<i>93.89</i>	<i>21.29</i>	<i>115.18</i>
3. Research													
3.01 Indian Council of Forestry Research and Education	2406	109.93	20.00	129.93	85.00	20.00	105.00	101.60	24.50	126.10	85.00	24.50	109.50
3.02 Indian Plywood Industries Research Institute	2406	5.56	2.26	7.82	7.00	2.00	9.00	7.00	2.30	9.30	7.00	2.30	9.30
<i>Total- Research</i>		<i>115.49</i>	<i>22.26</i>	<i>137.75</i>	<i>92.00</i>	<i>22.00</i>	<i>114.00</i>	<i>108.60</i>	<i>26.80</i>	<i>135.40</i>	<i>92.00</i>	<i>26.80</i>	<i>118.80</i>
4. Survey and Utilisation of Forest Resources - Forest Survey of India	2406	5.83	11.39	17.22	5.74	8.15	13.89	5.74	10.25	15.99	5.77	10.82	16.59

(In crores of Rupees)

Major Head	Actual 2009-2010			Budget 2010-2011			Revised 2010-2011			Budget 2011-2012			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
4406	...	...	...	0.03	...	0.03	...	...	...	...	...	...	
<i>Total</i>	<i>5.83</i>	<i>11.39</i>	<i>17.22</i>	<i>5.77</i>	<i>8.15</i>	<i>13.92</i>	<i>5.74</i>	<i>10.25</i>	<i>15.99</i>	<i>5.77</i>	<i>10.82</i>	<i>16.59</i>	
<b>5. Forest Conservation, Development and Regeneration</b>													
5.01 Regeneration - Strengthening of Forest Divisions	2406	9.94	...	9.94	10.50	...	10.50	10.50	...	10.50	10.50	...	10.50
4406	3.05	...	3.05	0.50	...	0.50	0.53	...	0.53	0.50	...	0.50	
<i>Total</i>	<i>12.99</i>	<i>...</i>	<i>12.99</i>	<i>11.00</i>	<i>...</i>	<i>11.00</i>	<i>11.03</i>	<i>...</i>	<i>11.03</i>	<i>11.00</i>	<i>...</i>	<i>11.00</i>	
5.02 Intensification of Forest Management	2406	0.93	...	0.93	1.19	...	1.19	1.19	...	1.19	...	1.19	
3601	67.93	...	67.93	43.00	...	43.00	43.00	...	43.00	43.00	...	43.00	
3602	...	...	...	0.01	...	0.01	0.01	...	0.01	0.01	...	0.01	
<i>Total</i>	<i>68.86</i>	<i>...</i>	<i>68.86</i>	<i>44.20</i>	<i>...</i>	<i>44.20</i>	<i>44.20</i>	<i>...</i>	<i>44.20</i>	<i>44.20</i>	<i>...</i>	<i>44.20</i>	
5.03 National Forestry Information System	2406	0.04	...	0.04	0.33	...	0.33	0.33	...	0.33	...	0.33	
5.04 National Coordinated Programme for Assessment of Non-Timber Forest Product Resources	2406	...	...	...	0.32	...	0.32	0.32	...	0.32	...	0.32	
5.05 Certification Programme for Wood and Non-Wood Forest Resources	2406	0.17	...	0.17	0.85	...	0.85	0.85	...	0.85	...	0.85	
<i>Total- Forest Conservation, Development and Regeneration</i>		<i>82.06</i>	<i>...</i>	<i>82.06</i>	<i>56.70</i>	<i>...</i>	<i>56.70</i>	<i>56.73</i>	<i>...</i>	<i>56.73</i>	<i>56.70</i>	<i>...</i>	<i>56.70</i>
<b>6. Wildlife Preservation</b>													
6.01 Wildlife Institute of India	2406	18.01	2.06	20.07	15.50	1.81	17.31	15.50	1.91	17.41	15.50	1.95	17.45
6.02 Project Tiger	2406	2.60	...	2.60	14.30	...	14.30	14.30	...	14.30	14.71	...	14.71
3601	201.51	...	201.51	139.90	...	139.90	151.61	...	151.61	130.90	...	130.90	
<i>Total</i>	<i>204.11</i>	<i>...</i>	<i>204.11</i>	<i>154.20</i>	<i>...</i>	<i>154.20</i>	<i>165.91</i>	<i>...</i>	<i>165.91</i>	<i>145.61</i>	<i>...</i>	<i>145.61</i>	
6.03 Project Elephant	2406	0.33	...	0.33	0.50	...	0.50	0.50	...	0.50	...	0.50	
3601	20.83	...	20.83	18.00	...	18.00	19.00	...	19.00	18.00	...	18.00	
<i>Total</i>	<i>21.16</i>	<i>...</i>	<i>21.16</i>	<i>18.50</i>	<i>...</i>	<i>18.50</i>	<i>19.50</i>	<i>...</i>	<i>19.50</i>	<i>18.50</i>	<i>...</i>	<i>18.50</i>	
6.04 Central Zoo Authority	2406	17.50	...	17.50	14.35	...	14.35	14.35	...	14.35	...	14.35	
6.05 Control of Wildlife Crime	2406	4.09	...	4.09	6.00	...	6.00	6.00	...	6.00	...	6.00	
6.06 Welfare of Animals	2406	24.00	1.70	25.70	24.00	1.50	25.50	24.00	1.50	25.50	24.00	1.45	25.45
6.07 Bio-diversity Conservation and Rural Livelihood Improvement Project (EAP)	2406	0.16	...	0.16	3.00	...	3.00	0.52	...	0.52	3.00	...	3.00
6.08 Integrated Development of Wildlife Habitats	2406	0.60	...	0.60	1.50	...	1.50	1.50	...	1.50	...	1.50	
3601	72.51	...	72.51	61.00	...	61.00	61.00	...	61.00	61.00	...	61.00	
<i>Total</i>	<i>73.11</i>	<i>...</i>	<i>73.11</i>	<i>62.50</i>	<i>...</i>	<i>62.50</i>	<i>62.50</i>	<i>...</i>	<i>62.50</i>	<i>62.50</i>	<i>...</i>	<i>62.50</i>	

(In crores of Rupees)

	Major Head	Actual 2009-2010			Budget 2010-2011			Revised 2010-2011			Budget 2011-2012		
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total
<i>Total- Wildlife Preservation</i>		362.14	3.76	365.90	298.05	3.31	301.36	308.28	3.41	311.69	289.46	3.40	292.86
7. Zoological Park	2406	0.57	7.47	8.04	0.60	7.86	8.46	0.60	8.01	8.61	0.65	8.22	8.87
	4406	0.48	...	0.48	0.40	...	0.40	4.90	...	4.90	5.00	...	5.00
	<i>Total</i>	1.05	7.47	8.52	1.00	7.86	8.86	5.50	8.01	13.51	5.65	8.22	13.87
8. International Cooperation	2406	...	1.59	1.59	...	1.60	1.60	...	1.60	1.60	...	1.60	1.60
9. <i>National Afforestation and Eco-development Programme</i>													
9.01 National Afforestation and Eco-development Board	2406	15.03	...	15.03	15.50	...	15.50	14.00	...	14.00	14.00	...	14.00
9.02 National Afforestation Programme	2406	317.58	...	317.58	228.00	...	228.00	234.50	...	234.50	228.00	...	228.00
9.03 Andaman and Nicobar Islands Forest and Plantation Development Corporation	6406	...	10.45	10.45	...	11.00	11.00	...	11.00	11.00	...	11.00	11.00
9.04 Social Forestry with Communities (Panchayat Van Yojana)	2406	...	...	...	20.00	...	20.00	...	...	...	...	...	...
<i>Total- National Afforestation and Eco-development Programme</i>		332.61	10.45	343.06	263.50	11.00	274.50	248.50	11.00	259.50	242.00	11.00	253.00
<b>Total-Forestry and Wildlife Ecology and Environment</b>		<b>928.61</b>	<b>72.79</b>	<b>1001.40</b>	<b>795.81</b>	<b>71.83</b>	<b>867.64</b>	<b>793.24</b>	<b>81.38</b>	<b>874.62</b>	<b>785.47</b>	<b>83.13</b>	<b>868.60</b>
10. <i>Survey</i>													
10.01 Botanical Survey of India	3435	17.02	22.93	39.95	20.00	12.85	32.85	20.00	24.16	44.16	12.00	25.78	37.78
	5425	0.69	...	0.69	3.00	...	3.00	2.20	...	2.20	3.00	...	3.00
	<i>Total</i>	17.71	22.93	40.64	23.00	12.85	35.85	22.20	24.16	46.36	15.00	25.78	40.78
10.02 Zoological Survey of India	3435	21.25	16.08	37.33	23.49	10.75	34.24	23.49	13.47	36.96	14.49	14.35	28.84
	5425	1.13	...	1.13	2.00	...	2.00	1.00	...	1.00	2.00	...	2.00
	<i>Total</i>	22.38	16.08	38.46	25.49	10.75	36.24	24.49	13.47	37.96	16.49	14.35	30.84
<i>Total- Survey</i>		40.09	39.01	79.10	48.49	23.60	72.09	46.69	37.63	84.32	31.49	40.13	71.62
11. <i>Environmental Education/Training/Extension</i>													
11.01 Environmental Education Training Scheme	3435	42.91	0.01	42.92	44.00	0.04	44.04	41.25	0.04	41.29	41.50	0.04	41.54
11.02 National Museum of Natural History	3435	5.94	1.46	7.40	7.50	2.21	9.71	7.50	1.46	8.96	7.50	1.55	9.05
	5425	6.11	...	6.11	5.00	...	5.00	8.40	...	8.40	5.00	...	5.00
	<i>Total</i>	12.05	1.46	13.51	12.50	2.21	14.71	15.90	1.46	17.36	12.50	1.55	14.05
<i>Total- Environmental Education/Training/Extension</i>		54.96	1.47	56.43	56.50	2.25	58.75	57.15	1.50	58.65	54.00	1.59	55.59
12. <i>Conservation Programme</i>													
12.01 Biosphere Reserves	3435	2.57	...	2.57	3.00	...	3.00	3.00	...	3.00	2.20	...	2.20
	3601	7.94	...	7.94	6.50	...	6.50	6.50	...	6.50	7.30	...	7.30
	<i>Total</i>	10.51	...	10.51	9.50	...	9.50	9.50	...	9.50	9.50	...	9.50
12.02 Assistance for Regional	3435	2.24	...	2.24	2.20	...	2.20	2.20	...	2.20	2.20	...	2.20

(In crores of Rupees)

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		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
12.03	Botanical Gardens Mangroves Eco-Systems and Wetlands	3435	2.64	...	2.64	3.00	...	3.00	3.00	...	3.00	3.00	...	3.00
		3601	16.54	...	16.54	14.50	...	14.50	14.50	...	14.50	14.50	...	14.50
	<i>Total</i>		19.18	...	19.18	17.50	...	17.50	17.50	...	17.50	17.50	...	17.50
	<i>Total- Conservation Programme</i>		31.93	...	31.93	29.20	...	29.20	29.20	...	29.20	29.20	...	29.20
13.	<i>Environmental Planning and Coordination</i>													
13.01	Environmental Information System	3435	6.24	0.06	6.30	7.00	0.61	7.61	7.00	0.61	7.61	7.00	0.64	7.64
13.02	Centres of Excellence	3435	7.46	1.47	8.93	8.33	1.55	9.88	11.08	1.55	12.63	8.33	1.55	9.88
	<i>Total- Environmental Planning and Coordination</i>		13.70	1.53	15.23	15.33	2.16	17.49	18.08	2.16	20.24	15.33	2.19	17.52
14.	<i>Research and Ecological Regeneration</i>													
14.01	Research and Development	3435	5.85	...	5.85	9.60	...	9.60	9.60	...	9.60	9.60	...	9.60
14.02	G.B. Pant Himalayan Institute of Environment and Development	3435	10.00	...	10.00	10.00	...	10.00	11.00	...	11.00	10.00	...	10.00
14.03	Eco-Development Forces	3435	22.36	...	22.36	12.00	...	12.00	28.00	...	28.00	9.00	...	9.00
	<i>Total- Research and Ecological Regeneration</i>		38.21	...	38.21	31.60	...	31.60	48.60	...	48.60	28.60	...	28.60
15.	International Cooperation	3435	9.65	1.70	11.35	11.81	2.10	13.91	23.66	2.10	25.76	13.00	2.10	15.10
	<b>Prevention and Control of Pollution</b>													
16.	<i>Prevention of Pollution of National Rivers</i>													
16.01	National River Conservation Directorate	3435	5.73	...	5.73	6.71	...	6.71	6.71	...	6.71	6.71	...	6.71
16.02	National River Conservation Plan													
16.02.01	Programme Component	3435	270.99	...	270.99	622.93	...	622.93	499.93	...	499.93	373.00	...	373.00
16.02.02	EAP Component	3435	105.00	...	105.00	50.00	...	50.00	173.00	...	173.00	300.00	...	300.00
	<i>Total- National River Conservation Plan</i>		375.99	...	375.99	672.93	...	672.93	672.93	...	672.93	673.00	...	673.00
16.03	National Lake Conservation Plan	3435	44.97	...	44.97	50.00	...	50.00	50.00	...	50.00	50.00	...	50.00
	<i>Total- Prevention of Pollution of National Rivers</i>		426.69	...	426.69	729.64	...	729.64	729.64	...	729.64	729.71	...	729.71
17.	<i>Prevention of Air &amp; Water Pollution</i>													
17.01	Prevention and control of Water Pollution (Cess)													
17.01.01	Cess Expenditure	3435	...	209.96	209.96	...	250.00	250.00	...	250.00	250.00	...	250.00	250.00
17.01.02	Less: Water Cess Receipts Netted	0045	...	...	...	...	-250.00	-250.00	...	-250.00	-250.00	...	-250.00	-250.00
	<i>Net</i>		...	209.96	209.96	...	...	...	...	...	...	...	...	...
17.02	Establishment of Environment Authorities and Environmental Commission & Tribunal	3435	0.64	...	0.64	1.00	...	1.00	1.75	...	1.75	10.00	...	10.00
17.03	Central Pollution Control Board	3435	34.50	20.27	54.77	40.00	17.19	57.19	40.25	22.00	62.25	40.00	22.00	62.00

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17.04	Promotion of Common Effluent Treatment Plants	3435	5.01	...	5.01	5.71	...	5.71	5.71	...	5.71	5.71	...	5.71
<i>Total- Prevention of Air &amp; Water Pollution</i>			40.15	230.23	270.38	46.71	17.19	63.90	47.71	22.00	69.71	55.71	22.00	77.71
<b>18. Impact Assessment</b>														
18.01	Environment Impact Assessment Programme	3435	3.03	0.10	3.13	3.50	0.10	3.60	5.00	0.10	5.10	3.50	0.10	3.60
18.02	Development and Promotion of Clean Technology	3435	2.94	...	2.94	3.05	...	3.05	3.05	...	3.05	3.05	...	3.05
<i>Total- Impact Assessment</i>			5.97	0.10	6.07	6.55	0.10	6.65	8.05	0.10	8.15	6.55	0.10	6.65
<b>Total-Prevention and Control of Pollution</b>			<b>472.81</b>	<b>230.33</b>	<b>703.14</b>	<b>782.90</b>	<b>17.29</b>	<b>800.19</b>	<b>785.40</b>	<b>22.10</b>	<b>807.50</b>	<b>791.97</b>	<b>22.10</b>	<b>814.07</b>
<b>19. Other Programmes</b>														
19.01	Abatement of Pollution	3435	5.60	...	5.60	6.50	...	6.50	6.50	...	6.50	6.50	...	6.50
19.02	Environmental Management in Heritage, Pilgrimage and Tourist Centres including Taj Protection Mission	3601	...	...	...	0.01	...	0.01	...	...	...	0.01	...	0.01
<b>19.03 Hazardous Substance Management</b>														
19.03.01	Programme Component	3435	7.40	...	7.40	7.50	...	7.50	7.50	...	7.50	7.50	...	7.50
19.03.02	EAP Component	3435	0.22	...	0.22	25.00	...	25.00	7.00	...	7.00	25.00	...	25.00
<i>Total- Hazardous Substance Management</i>			7.62	...	7.62	32.50	...	32.50	14.50	...	14.50	32.50	...	32.50
19.04	Natural Resources Management	3435	2.93	...	2.93	3.00	...	3.00	3.00	...	3.00	3.00	...	3.00
19.05	Govt. of India - United Nations Development Programme - Environment Support Programme (EAP)	3435	5.36	...	5.36	3.82	...	3.82	3.82	...	3.82	1.82	...	1.82
19.06	Taxonomy Capacity Building Project	3435	2.17	...	2.17	2.75	...	2.75	2.75	...	2.75	2.75	...	2.75
<b>19.07 Biodiversity Conservation</b>														
19.07.01	Programme Component	3435	3.70	...	3.70	4.00	...	4.00	6.79	...	6.79	9.50	...	9.50
19.07.02	EAP Component	3435	...	...	...	0.50	...	0.50	...	...	...	...	...	...
<i>Total- Biodiversity Conservation</i>			3.70	...	3.70	4.50	...	4.50	6.79	...	6.79	9.50	...	9.50
19.08	Information Technology	3435	4.31	...	4.31	5.00	...	5.00	5.00	...	5.00	5.00	...	5.00
19.09	Climate Change Project	3435	6.05	...	6.05	7.00	...	7.00	5.15	...	5.15	7.00	...	7.00
19.10	Civil Construction Unit	5425	1.47	3.72	5.19	20.00	3.49	23.49	13.90	3.96	17.86	50.00	4.18	54.18
<b>19.11 National Coastal Management Programme</b>														
19.11.01	Programme Component	3435	1.52	...	1.52	...	...	...	1.00	...	1.00	...	...	...
19.11.02	EAP Component	3435	...	...	...	150.00	...	150.00	150.00	...	150.00	267.60	...	267.60
<i>Total- National Coastal Management Programme</i>			1.52	...	1.52	150.00	...	150.00	151.00	...	151.00	267.60	...	267.60
<i>Total- Other Programmes</i>			40.73	3.72	44.45	235.08	3.49	238.57	212.41	3.96	216.37	385.68	4.18	389.86

(In crores of Rupees)

	Major Head	Actual 2009-2010			Budget 2010-2011			Revised 2010-2011			Budget 2011-2012		
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total
<b>Total-Ecology and Environment</b>		<b>702.08</b>	<b>277.76</b>	<b>979.84</b>	<b>1210.91</b>	<b>50.89</b>	<b>1261.80</b>	<b>1221.19</b>	<b>69.45</b>	<b>1290.64</b>	<b>1349.27</b>	<b>72.29</b>	<b>1421.56</b>
20. Lumpsum Provision for Projects/Schemes for the benefit of North-Eastern Region and Sikkim	2552	...	...	...	193.28	...	193.28	185.57	...	185.57	165.26	...	165.26
21. Actual Recoveries	2406	-0.07	...	-0.07	...	...	...	...	...	...	...	...	...
	3435	-0.65	-0.02	-0.67	...	...	...	...	...	...	...	...	...
	<i>Total</i>	<i>-0.72</i>	<i>-0.02</i>	<i>-0.74</i>	...	...	...	...	...	...	...	...	...
<b>Grand Total</b>		<b>1629.97</b>	<b>389.78</b>	<b>2019.75</b>	<b>2200.00</b>	<b>151.16</b>	<b>2351.16</b>	<b>2200.00</b>	<b>185.52</b>	<b>2385.52</b>	<b>2300.00</b>	<b>191.97</b>	<b>2491.97</b>
	Head of Dev	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
<b>C. Plan Outlay</b>													
1. Forestry and Wild Life	12406	928.54	...	928.54	795.81	...	795.81	793.24	...	793.24	785.47	...	785.47
2. Ecology and Environment	13435	701.43	...	701.43	1210.91	...	1210.91	1221.19	...	1221.19	1349.27	...	1349.27
3. North Eastern Areas	22552	...	...	...	193.28	...	193.28	185.57	...	185.57	165.26	...	165.26
<b>Total</b>		<b>1629.97</b>	...	<b>1629.97</b>	<b>2200.00</b>	...	<b>2200.00</b>	<b>2200.00</b>	...	<b>2200.00</b>	<b>2300.00</b>	...	<b>2300.00</b>

1. **Secretariat-Economic Services:** The provision is for secretariat expenditure of the Ministry of Environment & Forests.

2. **Education and Training:**

2.01. **State Forest Service Rangers Colleges:** There are 3 states Forest Service Colleges at Dehradun, Burnihat and Coimbatore. These colleges run two year courses for SFS Officers.

2.02. **Indira Gandhi National Forest Academy:** The Academy was created on 25.5.1987 by upgrading the Indian Forests College at Dehradun and de-linking it from the Forest Research Institute. The Academy is responsible for training the Indian Forest Service Officers.

2.03. **Training of I.F.S. officers:** Under this scheme in-service training is provided to I.F.S. officers.

2.04. **Indian Institute of Forestry Management:** This Institute was established during the Sixth Plan as an autonomous body to develop managerial skills and specialization relating to conservation, optimum utilisation and increasing production and productivity over space and time in forest based products as well as large afforestation and special forest programme.

3. **Research: The Provisions are in respect of the following:**

3.01. **Indian Council of Forestry Research and Education:** The Council was set up with a view to achieve the national goals of conserving existing forest area and to increase productivity of forests. The Indian Council of Forestry Research and Education (ICFRE) has been given autonomous

status w.e.f. 1.6.1991. The Forest Research Institute, Dehradun is a centre of excellence in research. In addition, ICFRE has following five institutes in different Eco-Geographic Regions of the country to take care of the research needs for the regions.

i) Institute of Wood Science and Technology, Bangalore.

ii) Institute of Forest Genetics and Tree Breeding, Coimbatore.

iii) Institute of Deciduous Forests, Jabalpur.

iv) Institute of Arid Zone Forestry Research, Jodhpur.

v) Institute of Rain and Moist Deciduous Forests Research, Jorhat.

3.02. **The Indian Plywood Industries Research Institute:** The Institute was established in 1983 jointly by the Plywood Industries and the Government of India.

4. **Survey and Utilisation of Forest Resources:** Forest Survey of India, Dehradun carries out comprehensive forest resources survey at regular intervals and presents information for planning at National, State and local levels including evaluation through re-inventory to facilitate scientific forestry planning.

5. **Forest Conservation, Development and Regeneration:** This is an on-going programme to check indiscriminate deforestation and diversion of forest land to non-forest use, strengthening of forests protection force, control of grazing restriction on removal of fuel wood as head

loads and supply of alternate fuels have been identified for effective protection of forests. The important scheme under this programme is the Intensification of Forest Management.

6. **Wildlife Preservation:**

6.01. **The Wildlife Institute of India:** The Institute Imparts training and provides continuing education to in-service officers and also organizes a two-year M.Sc Course in Wildlife.

6.02. **Project Tiger:** The Centrally Sponsored Schemes for preservation of wildlife under implementation, is Project Tiger.

6.03. **Project Elephant:** The Centrally Sponsored Schemes for preservation of wildlife under implementation, is Project Elephant.

6.04. **Central Zoo Authority:** The Centrally Sponsored Schemes for preservation of wildlife under implementation, is Central Zoo Authority.

6.05. **Control of Wildlife Crime:** The Centrally Sponsored Schemes for preservation of wildlife under implementation, is Control of Wildlife Crime.

6.06. **Welfare of Animals:** The important activities under this scheme are construction of shelter houses, animal birth control, immunization, ambulance services, and the setting up of National Institute of Animal Welfare. The implementation of the scheme has been transferred to the Animal Welfare Board of India.

6.07. **Bio-diversity Conservation and Rural Livelihood Improvement Project:** The matters concerning Conservation of Biological Diversity, its sustainable use and fair and equitable sharing of benefits arising out of the use of biological resources and knowledge are dealt under the Biological Diversity Conservation Scheme.

6.08. **Integrated Development of Wildlife Habitats:** The Centrally Sponsored Schemes for preservation of wildlife under implementation, is Integrated Development of Wildlife Habitat.

9.01. **National Afforestation and Eco-Development Board:** The National Afforestation and Eco-development Board (NAEB) was set up in August, 1992, with the principal aim of promoting afforestation, tree planting, ecological restoration and eco-development in the country. Special attention is being given to the regeneration of degraded forest areas and land adjoining forest areas, national parks, sanctuaries and other protected areas as well as the ecologically fragile areas like the Western Himalayas, Aravallis, Western Ghats etc. The main scheme for achieving this is the National Afforestation Scheme. The implementation of the UNCCD and Social Forestry programme are also covered by NAEB.

10. **Survey:**

10.01. **Botanical Survey of India:** The Botanical Survey of India, with its headquarters at Kolkata looks after (a) to survey the entire plant resources of the country, (b) complete taxonomic studies of all the flora of the country, (c) list all endangered species and undertake measures for their effective conservation, (d) to identify, collect and preserve specimens of plant useful to human being economically and otherwise.

10.02. **Zoological Survey of India:** Zoological Survey of India with its headquarters at Kolkata is responsible for carrying out the faunistic survey and research work in systematic Zoological, Animal Ecology, Zoology of various groups of animals including marine fauna. Its primary objectives are (a) exploration and survey of faunal resources (b) taxonomic studies (c) status survey of endangered species.

11. **Environment Education/Training/Extension:**

11.01. **Environment Education Training Scheme:** The Ministry gives priority to environmental education of almost all age groups of the country population through exhibitions and training programmes, etc. The Ministry is also involved in promoting environmental education by imparting non-formal education at the primary and secondary school level and in colleges and universities. The main activities under the scheme are (a) National Environmental Awareness Campaign, (b) Eco-clubs (National Green Crops) and Mass Awareness.

11.02. **National Museum of Natural History:** National Museum of Natural History is a centre set up under the Ministry to impart non-formal education to the school going children in the field of ecology, wildlife.

12. **Conservation Programme:** The main scheme under the programme are conservation and management of wetlands and mangroves, biosphere reserves and assistance for Regional Botanical Gardens.

13. **Environmental Planning and Coordination:** The main schemes under this programme are Environmental Information System (ENVIS) and the Centre of Excellence. Under ENVIS, environmental information is collected, collated and disseminated to a wide range of users through a network of 76 subject specific ENVIS centre.

14. **Research and Ecological Regeneration:** Under these programmes, research projects undertaken by various organizations are supported by the Ministry. The Ministry envisages more active participation of universities, scientific Institutions and voluntary organizations in eco-development, restoration of damaged eco-system and eco-regeneration of degraded areas.

15. **International Cooperation:** The provisions are for contribution to UNO and other International organizations engaged in the development of environmental research, eco- regeneration and workshops/seminars.

16. **Prevention of Pollution of National Rivers and Lakes:** The scope of erstwhile scheme Prevention and control of pollution of River Ganga has been widened to cover all national Rivers and Lakes. An action plan has been drawn up for clearing the polluted stretches of National Rivers and to oversee its implementation. The major work programmes relate to diversion, sewer cleaning and renovation of pumping sets. The schemes proposed to be taken up are (i) interception and diversion of waste water from falling in rivers, (ii) Treatment of waste water with recovery of resources such as bio energy, (iii) Other sanitation measures, such as low cost sanitation, biological conservation, etc. Towards revamping the river conservation strategy, and promoting a holistic and integrated approach to river basin planning, Ganga has been declared a National River. The National Ganga River Basin Authority (NGRBA) has been set up as an empowered planning, financing, monitoring and coordinating authority for the Ganga River. Under National Lake Conservation Programme, 42 urban lakes have been identified for conservation to prevent their further deterioration.

17. **Prevention of Air and Water Pollution:** The provision covers: (i) Grants-in-aid to State Governments/Central Pollution Control Board; and Funding of relevant schemes. The Central Pollution Control Board was set up in 1974. The Board is also responsible for the prevention and control of air pollution. The provision covers Grants given for the promotion of common effluent treatment plants. During X Plan, schemes viz; Environmental Audit Environmental Statistics and Mapping and Clean Technologies by Small Scale industries were merged as Industrial Pollution Abatement through Preventive strategies.

18. **Impact Assessment:** The main schemes under this programme are Environmental Impact Assessment and Development and promotion of Clean Technology. In accordance with the provisions of Environmental Impact Assessment (EIA) Notification 2006 to decentralize the environment appraisal process, State Level Environment Impact Assessment Authorities (SEIAA)/State Expert Appraisal Committees (SEAC) have been constituted in 22 States/UTs. To further streamline the EIA process an amendment to the EIA Notification has been carried out in December, 2009.

Environmental Clearance has been made mandatory for 44 categories of developmental projects. Following the Notification on Coastal Regulation Zone (CRZ) in 1991 various activities are being undertaken in the coastal stretches of the country for conservation of sensitive areas.

18.01 & 02. **Capacity Building in Environmental Impact Assessment and Revised Environmental Clearance Process:** The objectives are as follows: (i) Capacity building at Central and State/UT levels for the effective implementation of the revised EC process; (ii) Strengthening of the Monitoring Mechanism as a sequel to EMCB Project (iii) Accreditation of EIA Consultants through the Quality Council of India.

19. **Other Programmes:** The main objective of these schemes viz Assistance for Abatement of Pollution including protection of Taj Mahal, and Hazardous Substance Management are to assist State Governments, State Pollution Control Board, Central/State Research Institutions and other Government agencies/Organisations with the aim of strengthening their technical capabilities.

19.05. **Government of India-United Nations Development Programme-Environment Support Programme (EAP):** It is meant to support the National Development Programme in the Environment Sector and is based on focus on decentralization and people participation.

19.06. **Taxonomy Capacity Building Project:** Having identified critically important areas and gaps in taxonomic work an 'All India Coordinated Project' has been drawn up for capacity building in taxonomy.

19.11. **National Coastal Management Programme:** In order to rationalize the existing CRZ Notification, 1991, the Ministry constituted an Expert Committee under the Chairmanship of Prof. M. S. Swaminathan. Based on the recommendations of the Report submitted by the Committee, it has been decided to revamp the Coastal Regulation Zone (CRZ) Notification 1994 in line with the recommendations of the Swaminathan Committee. Towards this end, a draft Coastal Management Zone Notification was issued and the public consultations are under way. The proposed activities under this scheme include: (a) Protection and conservation of the Coastal environment, (b) Protection of local communities and livelihood security along the coastal stretches, (c) Promotion of sustainable development along the coastal stretches, and (d) Measures to control deterioration of coastal environment due to pollution arising from land based activities.

20. **Lump sum Provision for the Projects/ Schemes for North-East Region and Sikkim:** A provision of ₹165.26 Crore has been made for the schemes in the Environment and Forests Sector.