

**GOVERNMENT OF INDIA**  
**(BHARAT SARKAR)**  
**MINISTRY OF ENVIRONMENT & FORESTS**  
**(PARYAVARAN AUR VAN MANTRALAYA)**

**INDUCTION MATERIAL**

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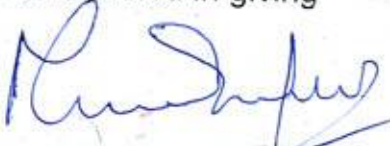
Secretary  
Government of India  
Ministry of Environment and Forests

29<sup>th</sup> January, 2008.

## Foreword

In pursuance of the instructions from the Department Administrative Reforms and Public Grievances, the Work Study Unit of the Ministry of Environment and Forests (MoEF), for the first time, brought out an 'Induction Material' of the Ministry in July 1996. Keeping in view the developments/changes taken place over the last one decade, 'Induction Material' of the MoEF has been updated. It contains information on the historical background of the Ministry, its mandate, aims and objectives, organizational set up, functions assigned to various sections and their officers in-charge, telephone numbers, postal/email addresses, etc.

2. I am sure this compilation would be useful to all officers and staff of this Ministry, particularly to the new entrants, as it will add to their knowledge in respect of working of various wings, units and organizations of this Ministry. Other Ministries/Departments will also have an opportunity to acquaint themselves with the functioning of this Ministry. The information will also be useful to the public who need to interact with the MoEF for various official matters. I appreciate the effort of all those officers and staff members who have contributed in giving this 'Induction Material', a final shape.

  
( Meena Gupta )



जहाँ है हरियाली।  
वहाँ है खुशहाली।।

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# **I. Historical background of the Ministry including National River Conservation Directorate/Ganga Project Directorate, National Afforestation and Eco-Development Board (NAEB)**

## **(i) Ministry of Environment and Forests (HQs)**

The need for comprehensive and integrated view of environmental protection and improvement with emphasis on the sustainable use of natural resources for development was being felt by the Government from early seventies. A National Committee on Environmental Planning & Co-ordination (NCEPC) was, therefore, set up in 1972 to advise the Government on environmental problems and suggest solutions after consultation with experts and the concerned Ministries/Departments. However, the aspects of environmental protection did not receive the desired attention.

The Government, therefore, constituted a High Level Committee under the Chairmanship of Shri N.D. Tiwari , Deputy Chairman , Planning Commission, to recommend legislative measures and an administrative machinery for ensuring environmental protection . The Committee submitted its report to the Prime Minister on September 15, 1980. One of the recommendations of the Committee related to setting up of a Department of Environment (DOEn) to provide explicit recognition to the pivotal role that environmental Conservation must play for sustainable national development.

Accepting this recommendation, the Government of India constituted the Department of Environment (DOEn) with effect from November 1, 1980 vide Presidential Notification No.CD-1016/80.

In accordance with the Allocation of Business Rules, the DOEn was the focal point within the Government of India for subjects relating to environment and ecology. The work pertaining to the Botanical Survey of India, Zoological Survey of India and National Museum of Natural History being looked after by the Department of Science & Technology (DST) , was transferred to the DOEn . The Scientific and technical staff from the Environment Division of the DST formed the nucleus of the new Department.

This Department became part of the new Ministry of Environment & Forests constituted by Presidential Notification No.74/2/1/85-Cab. Dated 4th January, 1985, which consisted of two Departments, viz. Department of Environment and Department of Forests and Wildlife. The latter Department was constituted by transferring to it work relating to Forestry from the erstwhile Department of Agriculture and Co-operation and work relating to Wildlife from the erstwhile Department of

Environment. In September, 1985, the two Departments were merged to constitute a Single Department of Environment, Forests & Wildlife. In July, 1991 there was an amendment in the Government of India (Allocation of Business) Rules, 1961 whereby the name of the Ministry of Environment & Forests (Department of Environment Forests & Wildlife) was substituted with Ministry of Environment and Forests.

## **(ii) National River Conservation Directorate (NRCD)**

Based on comprehensive Survey of the Ganga Basin carried out by the Central Board for Prevention and Control of Air and water pollution (now called as Central Pollution Control Board), an Action Plan for the Prevention of Pollution of the water of River Ganga was prepared by the Department of Environment in December, 1984. The Central Ganga Authority with the Prime Minister as Chairman was set up by a Government Resolution in February, 1985. This is a high level body to determine policies, allocate funds and oversee progress regarding abatement of pollution in the river Ganga. A Steering Committee under the Chairmanship of Secretary, Environment & Forests, was also set up to formulate the components of the Action Plan in detail and to administer and monitor the implementation of the approved Action programmes. The Steering Committee is responsible for approval of schemes and annual allocations and review of progress regularly. Another Committee called as Monitoring Committee under the Chairmanship of the Member (Science) , Planning Commission , monitors the progress of schemes and assesses shortfalls and gaps in the implementation aspects. This Committee also provides technical advice/guidance on the scientific and technical components of Ganga Action Plan and reviews the progress of the implementation of the plan. The Ganga Project Directorate established as a wing of the Ministry of Environment & Forests in June, 1985 is responsible to appraise and clear the projects prepared by the fields level agencies, release funds and coordinate the activities under the Action plan on a continuing basis.

The Pollution Abatement Works in Ganga on account of major towns situated on its bank was taken up in Phase -I . With the success of the Ganga Action Plan Phase-I , the programme has now been extended to its second Phase for the pollution abatement of its major tributaries namely Yamuna including Hindon and Gomati . Action Plan for river Damodar is under formulations. The Central Government has also approved National River Conservation Plan (NRCP), an Action Plan for the pollution abatement of 10 rivers in States on the basis of equal sharing of capital cost of works between the centre and the concerned states. The operation and maintenance cost of the assets will, however, be borne fully by the States.

As the scope of Work under GPD has been enlarged covering other rivers besides Ganga , the GPD has been renamed as the National River Conservation Directorate and the Central Ganga Authority (CGA) as the National River Conservation Authority (NRCA).

### **(iii) National Afforestation and Eco-Development Board (NAEB)**

In 1983, the Ministry of Agriculture announced the decision to set up a two tier Central Body, namely, the National Land Board and the National Land Resources Conservation and Development Commission, to serve as a policy planning, coordinating and monitoring agency for issues concerning healthy and scientific management of the country's land resources.

In 1985, with a view to placing proper emphasis on the twin objectives of proper land use and development of Wastelands, the National Land Board was reconstituted as the National Land use and Wastelands Development Council under the Chairmanship of the Prime Minister. Two separate bodies under the Council were set up as under:

(a) The National Land Use and Conservation Board (NLCB) to be located in the Ministry of Agriculture and Rural Development , Department of Agriculture and Cooperation, New Delhi, replacing the existing National Land Resources Conservation and Development Commission.

(b) National Wastelands Development Board (NWDB) to be located in the Ministry of Environment & Forests, New Delhi.

Consequent upon the formulation of the new Department of Wastelands Development in the Ministry of Rural Development and the transfer of the National Wastelands Development Board (NWDB) to that Department in the year 1992, it was decided, with the approval of the Prime Minister, to set up the National Afforestation and Eco-Development Board (NAEB) in the Ministry of Environment and Forests. This Board came into existence in August, 1992.

## **II. AIMS AND OBJECTIVES OF THE MINISTRY OF ENVIRONMENT AND FORESTS**

### **A: ECOLOGY AND ENVIRONMENT**

#### **'POLLUTION ABATEMENT AND HAZARDOUS SUBSTANCES MANAGEMENT'**

1. To formulate policy and lay down guidelines for environmental protection and implementation thereof.
2. To initiate such other and measures, including legislative measures, for environmental protection and conservation, as may be considered necessary.
3. To promote and establish an information system and systems for monitoring quality of environment.
4. To promote environmental protection and conservation through research and development and other programme including surveys, studies, etc.
5. To coordinate environmental activities of various departments/agencies.
6. (a) To take measures for control of environmental pollution .  
(b) To execute plan for prevention of pollution of river Ganga.
7. To set up Biosphere Reserves in the country.
8. (a) To establish Centres of Excellence and institutions in the field of environment.  
(b) To promote international cooperation in the field of Environment.



## **B. FORESTRY & WILDLIFE**

1. To conserve existing forests.
2. Afforestation , including social forestry and other forest developmental activities.
3. To check land degradation and put wastelands to sustainable use.
4. To increase biomass availability, specially fuel wood and fodder and restore the ecological balance.
5. Intensification of forest research towards fuller development to the forest resources and its proper utilization.
6. Expansion of forestry education to cater to increasing needs.
7. Wildlife preservation and protection of Wildlife birds and animals.

### **III. SUBJECTS UNDER THE MINISTRY OF ENVIRONMENT AND FORESTS.**

As per Annual Report 2006-07, the following items of work have been allocated to the Ministry of Environment & Forests.

- Environment and Ecology, including environment in coastal waters, in mangroves and coral reefs but excluding marine environment on the high seas.
- Environment research and development, education, training, information and awareness.
- Environmental Health.
- Environmental Impact Assessment
- Hazardous Substances Management.
- Forest Development Agency and Joint Forest Management Programme for conservation,
- Management and afforestation.
- Survey and Exploration of Natural Resources particularly of Forest, Flora, Fauna, Ecosystems etc.
- Bio-diversity Conservation including that of lakes and wetlands.
- Biological Diversity Act, 2002'.
- Conservation, development, management and abatement of pollution of rivers which shall include
- National River Conservation Directorate.
- Wildlife conservation, preservation, protection planning, research, education, training and awareness
- Including Project Tiger and Project Elephant.
- International co-operation on issues concerning Environment, Forestry and Wildlife.
- Botanical Survey of India and Botanical Gardens.
- Zoological Survey of India.
- National Museum of Natural History.
- Biosphere Reserve Programme.
- National Forest Policy and Forestry Development in the country including Social Forestry.
- All matters relating to Forest and Forest Administration in the Andaman and Nicobar Islands.
- Indian Forest Service.
- Wild Life Preservation and protection of wild birds and animals.

- Fundamental and applied research and training including higher education in forestry.
- Padmaja Naidu Himalayan Zoological park.
- National Assistance to Forestry Development Schemes.
- Indian Plywood Industries Research and Training Institute, Bangalore.
- Afforestation and Eco-development which shall include National Afforestation and Eco-Development Board.
- Desert and Desertification. including U.N.Convention to combat Desertification
- Forest Survey of India.
- Indian Institute of Bio-diversity, Itanagar.
- Central Pollution Control Board.
- G.B. Pant Institute of Himalayan Environment & Development.
- Wildlife Institute of India and Indian Board for Wildlife.
- Indian Institute of Forest Management.
- Central Zoo Authority including National Zoological Park.
- Indian Council of Forestry Research & Education.
- Andaman and Nicobar Islands Forest and Plantation Development Corporation Limited.
- Prevention of Cruelty to Animals.
- Matters relating to pounds and cattle trespass.
- Gaushalas and Gausadans.
- The Prevention of Cruelty to Animals Act, 1960 (59 of 1960).
- The National Environment Tribunal Act, 1995 (27 of 1995).
- The National Environment Appellate Authority Act, 1997 (22 of 1997).
- The Water Prevention and Control of Pollution Act, 1974 (6 of 1974).
- The Water (Prevention and Control of Pollution) Cess Act, 1977 (36 of 1977).
- The Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981).
- The Indian Forest Act, 1927 (16 of 1927).
- The Wildlife (Protection) Act, 1972 (53 of 1972).
- The Forest (Conservation) Act, 1980 (69 of 1980).
- The Environment (Protection), Act, 1986 (29 of 1986).
- The Public Liability Insurance Act, 1991 (6 of 1991).

## IV. A NOTE ON THE ORGANISATIONAL SET-UP OF THE MINISTRY:-

Wings/ Divisions of the Ministry of Environment and Forests and their Roles and functions

The Ministry Comprises two wings –

- A Environment
- B Forests & Wildlife.

### A Environment Wing:

The Environment Wing consists of the following divisions:-

- (a) Conservation and Survey
- (b) Impact Assessment
- (c) Control of Pollution
- (d) Hazardous Substances Management
- (e) Research Division
- (f) Environment Education
- (g) Environment Information
- (h) Policy & Law
- (i) International Cooperation
- (j) Clean Technology
- (k) NGO Cell
- (l) Public Grievances Redressal Cell

The main functions of these divisions are as follows:-

- (a) **‘Conservation and Survey Division** deals with the administration of Botanical Survey of India and Zoological Survey of India. It also deals with the International Union for Conservation of Nature and Natural Resources (IUCN), Biodiversity Conservation and World Heritage sites, **Convention on Biological Diversity**, Regional Botanic Gardens, Wetlands, Mangroves, Biosphere Reserves, Salim Ali Centre for Ornithology and Natural History and the National Museum of Natural History.

(b) The function of **Impact Assessment Division** includes:

- Policy matters relating to Environmental Impact Assessment and its implementation.
- Appraisal of projects.
- Research and Training in the area of Impact Assessment.
- Under the policy Issues, the division is concerned with the implementation of the provisions of the Environment (Protection) Act, 1986 as it applies to Environmental Impact Assessment. This includes identification, delineation of the areas which are ecologically fragile and where projects need to be appraised from environmental angle, taking up studies to assess the carrying Capacity of different areas so that Development Plans can be formulated taking into account the availability of Natural Resources , technological options and the potential for the region to assimilate the waste. The Division appraises projects in the area of industry and mining, irrigation and power, transport and communication and tourism related projects. It also regulates development activities in Coastal areas falling within the Coastal Regulation Zone. The projects are appraised for their environmental compatibility and accorded environmental clearance. It also coordinates various training efforts in the area of impact assessment and taking up research projects which include development and validation of models.

**(c) Control of Pollution (CP)** Division deals with the matters relating to administration of the Central Pollution Control Board, pollution control including monitoring of ambient air and water quality and ground water quality in critically polluted river stretches, laboratories, critically polluted areas, financial assistance including Central Sector Schemes to the State Pollution Control Boards and Pollution Control Committees of the Union Territories, customs and excise duty exemption for pollution control and monitoring equipments, Environmental Courts, reimbursement of cess proceeds to the State Pollution Control Boards and Pollution Control Committees of the Union Territories, administration of the Water (Prevention and Control of Pollution) Act, 1974, . The Air (Prevention and Control of Pollution) Act, 1981, The water (Prevention and Control of Pollution) Cess Act, 1977, and the Environment (Protection) Act, 1986; bilateral and multilateral programme of pollution control, Environmental Audit, Environmental Statistics and Mapping, Clean Technology and Waste Minimization in small scale industries, Ecomark, Coastal monitoring, court cases relating to pollution in different High Courts and the Supreme Court.

**(d) Hazardous Substances Management Division (HSMD)** in the ministry is responsible for planning, overseeing and implementation of the policies and programmes on the management of hazardous substances and chemical emergencies. The mandate of this division is to promote safety in the management and use of hazardous substances including hazardous chemicals and hazardous wastes with an

objective to prevent and mitigate damage to health and environment due to hazardous chemicals and wastes. The activities of the division can be grouped under three main thrust areas, viz., Chemical Safety; Hazardous Wastes Management and Solid Waste Management. The division is also the nodal point for the following three International Conventions on chemicals and waste and the Strategic Approach to International Chemicals Management (SAICM).

- The Basel Convention on the Control of Transboundary Movement of Hazardous Wastes and their disposal.(Party as on:-since 1992.)
- The Rotterdam Convention on the Prior Informed Consent(PIC) Procedure for Certain Hazardous Chemicals & Pesticides in International Trade.(Party as on:- May 24,2005)
- The Stockholm Convention on persistent Organic Pollutants (POPs) (Party as on: September 2005.)

#### **(e) RESEARCH DIVISION - RESEARCH AND DEVELOPMENT:**

##### **Research in Environment (RE) Division**

###### **Introduction**

Ministry of Environment & Forests has been funding research in multi-disciplinary aspects for environmental and ecosystems protection, conservation and management at various universities, institutions of higher learning, national research institutes and non-governmental organizations in identified thrust areas under its Research & Development (R&D) Programme. The Research & Development Scheme of the Ministry is a Central Plan Scheme for supporting research in environment since 1985. The objectives of the scheme are to generate information required to develop strategies, technologies and methodologies for better environmental management. It also aims at attempting solutions to the practical problems of resource management, conservation of natural resources and eco-regeneration of degraded areas. Further, the scheme also aims at strengthening infrastructure to facilitate research and scientific manpower development.

**(f) Environmental Education (EE)-** Division administers two Plan Schemes viz; “Environment Education and Training” and “Centre of Excellence”. The major programmes handled by the Division under the schemes are National Green Corps, National Environment Awareness Campaign, Global Learning and Observations to benefit the Environment, Seminar/ Symposia, Workshops, Grants-in –aid to professional societies, publications, etc. Besides these, a host of other awareness programmes such as GREEN OLYMPIAD, TERRA-QUIZ, etc. are also organized by the Division.In

additions; the coordination of all centres of excellence is also handled besides administration of two centres of excellence in the field of environment education, namely, CEE and CPREEC.

Matters relating to Global Public Goods are also handled by the EE Division.

**(g) The Environmental Information (EI) Division** handles the schemes of Environmental Information System (ENVIS), This Division brings out the quarterly journal "Paryavaran Abstracts" and the Annual Report of the Ministry regularly. Under ENVIS, the Ministry is the National Focal Point as well as the Regional Service Centre for south Asian Countries for the International Global Information Network of UNEP (INFOTERRA) . It is also the nodal point for the RENRIC (Regional Environmental and Natural Resources Information Centre) programme of South Asia Co-operative Environmental Programme (SACEP) .

**(h) Policy & Law Division** deals with Litigation Policy, rendering legal advice to various Divisions of the Ministry on Court Cases and other matters.

**(i) International Co-operation Division** serves as the nodal agency in the country for the United Nations Environment Programme(UNEP), Nairobi, South Asia Co-operative Environment Programme (SACEP), Colombo International Centre for Integrated Mountain Development, (ICIMOD), Kathmandu. Financial contributions are made to these organisations and efforts are made to obtain adequate benefits through active participation. The Ministry and its agencies have undertaken projects with the collaboration of UNEP, the World Bank, European Economic Community (EEC), UNDP, FAO, the South Asian Association of Regional Cooperation (SAARC), Canada, the United States of America, Sweden, Norway, Denmark, the United Kingdom , the Netherlands , Japan and Germany. In September, 1993, a Memorandum of Understanding was signed with China.

In addition, the Ministry is also coordinating all the activities relating to Global Environmental Issues of ozone depletion, Biodiversity Conservation. All Issues related to the Global Environmental Facility (GEF) established in 1992 to fund projects dealing with Global Environmental Issues mentioned above also fall within the purview of the Ministry. The work relating to preparations for the United Nations Conference on Environment & Development (UNCED), 1992 was also coordinated by the Ministry of Environment & Forests. Presently the Ministry is coordinating follow up to Agenda 21, adopted by UNCED 1992. The newly formed UN Commission on Sustainable Development (CSD), which looks after the implementation of agenda 21, also benefits

from the participation in this Ministry. The International Cooperation Division has two sections dealing with these subjects.

**(j) CLEAN TECHNOLOGY DIVISION deals with:**

- Promotion of Cleaner Technologies at all the levels in different sectors of development and setting up of National Cleaner Technologies Centre with sub-centres in different sectors.
  
- Support proposals for modification and upgradation of technologies of the existing units so that they can achieve efficiencies comparable with the international standards and also help in conservation of resources.
  
- Demonstration of technologies developed indigenously; modify/upgrade them in order to help the Indian entrepreneurs to satisfy themselves about the suitability of these technologies for adoption in local conditions.
  
- To sponsor carrying capacity studies in selected areas/parts of the country, such as, National Capital Region, Damodar River Basin, Tapi River Estuary etc. with a view to optimizing the resources available to the regions both from within and outside and assessing the inherent capability of the areas to assimilate the waste produced and drawing up a plan for sustainable development of the area.
  
- Interact with the National Capital Region Planning Board and the Delhi Administration regarding planning and development of National Capital Region.
  
- Sponsoring specific studies which would, inter-alia, facilitate environmental impact assessment of developmental projects including collaboration and validation of models adopted, case studies etc.
  
- Environmental Impact Assessment of nuclear projects and allied activities, such as, nuclear fuel complex, monitoring of the conditions stipulated at the time of clearance of these projects, evolving guidelines etc.
  
- Examination of the proposals received from different agencies for international institutional assistance on different sectors, such as, energy, industry, etc.
  
- Routine duties such as work regarding Parliamentary Committees, Consultative Committees, VIP References, Annual Plan, Annual Action Plan, Preparation of financial statements/estimates, monthly summary, quarterly summary etc.



**(k) NGO Cell**

Public participation is pivotal for the resolution of all environmental problems, whether of conservation or of prevention. The overall strategy and direction of the Government of India as outlined in the Eighth Five Year Plan emphasizes strengthening of people's institutions so that public participation is sought at macro and micro levels of policy planning. The preamble of the Agenda-21 also includes, among other Initiatives, the role of Non-Governmental organisations as partners for sustainable development at local, national, regional and global level. NGO Cell was constituted in the Ministry in May, 1992, with a view to catalysing the environmental movement in the country, especially at the grass root level.

At present, various NGO oriented programmes are being handled by different Divisions of this Ministry depending upon their respective subject matter. NGO Cell of the Ministry has been assigned the following functions:-

- To act as a single window reception counter for Ministry of Environment & Forests for all NGO, related activities.
- To obtain information about the activities, membership and financial conditions of NGOs to ascertain their credentials to work for various programmes under the auspices of this Ministry.
- To coordinate the various NGO oriented programme under the auspices of the Ministry of Environment & Forests.
- Registration of NGOs working for the various areas of environment. Based on the information received, directory of about 2,000 NGOs is compiled in the NGO Cell.

An initiative has been taken to involve local NGOs in Pollution Abatement Programmes in the Central Pollution Control Board with a subsequent plan to create similar cells in various State Pollution Control Boards to look into complaints related to environmental pollution. These NGO Cells will also be responsible for the registration of NGOs at local level, holding periodical seminars to create awareness among people of new techniques of pollution control. An attempt has already been made by Central Pollution Control Board (CPCB) to develop a water kit which can be assembled by local people using available resources and this is being disseminated to enable them to check water pollution.

## **(I) Public Grievances Redressal Cell**

Grievance Cell was constituted in October, 1991 to attend to the complaints of Public regarding various environmental problems. Public responses in this respect have been tremendous. Every year we receive number of complaints on various subjects.

- Depending upon the nature of complaints their redressal procedures are decided. We deal with the complaints at different levels:

- the localized complaints which are restricted to limited areas/merely creating a public nuisance like stone crushers, kilns, power generators, small commercial or industrial set ups in the residential areas are referred to District Magistrates, Municipal Corporations, City development authorities and other concerned departments, as they have the mandatory powers to take action against pollution.

- the complaints wherein the severity of pollution is more and specialized personnel are required to tackle them, are referred to State Pollution Control Boards Pollution Control Committees, Environment and Forests Secretaries at State level with a direction to assess the severity of the situation and thereafter initiate necessary action for the redressal of the complaint(s) as per the respective State laws and as per the norms of the Air Water Act.

- We also receive complaints about industrial establishments which cause immense pollution posing a threat to the health of the people. When the complaints of the aggrieved citizens are not entertained by the local authorities, either they themselves address the complaints straight to the Minister of Env. & Forests (MEF), Secretary (E&F), PMO, President of India or they get them forwarded through their elected representatives to the other authorities at the Centre.

- Most of these complaints are dealt with under Section 5 of the Environment (Protection) Act, 1986. The first step is to issue a show cause notice to the industry and direct them to furnish information within a stipulated time period of two weeks. In almost 90% of the cases, the requisite information is received within the time period and is referred to the CPCB and respective State Pollution Control Board for their comments.

- If the PCBs are able to certify that the industry in question has obtained NOC and is complying with the environmental norms, but their pollution control equipment is out of order/ the effluent treatment plant is under construction/common Effluent Treatment

Plant (CTEP) is closed for maintenance, we issue a direction that the industry can operate subject to the conditions specified by SPCBs.

- In cases of non-adherence to the environmental norms specified by this Ministry, we issue a direction to close down the industry till the time they are in a position to operate within environmental specifications. A copy of such direction is endorsed to all the concerned authorities with a direction to take follow up action so that industry is deprived of all the infrastructural facilities like water, electricity etc. and is compelled to shut down till further direction is issued in this context.

## **B. FORESTRY AND WILDLIFE WING**

The forest and wildlife wing of the Ministry consists of the following Divisions:

- (a) Forest Survey of Utilisation.
- (b) Forest Conservation.
- (c) Forest Policy.
- (d) Forest Research (Education and Training).
- (e) Externally Aided Projects Division.
- (f) Wildlife Conservation Division.
- (g) Forest Fire Control and Air Operation Wing.
- (h) Regional Offices (HQ) Division.
- (i) Indian Forest Service.
- (j) Animal Welfare.
- (k) Forest Establishment Branch.
- (l) Forestry International Co-operation Division.

The main functions of these Divisions are as follows:

**(a) Forest Survey and Utilization Division** deals with Forest Development Corporations including the Andaman & Nicobar Islands Forest Development Corporation, technical matters of Forest Survey of India, Forest based industry, Import and Export of Wood products, Forest Statistics, Administrative and Technical matters of International Tropical Timber (ITTO), International Labour Organisations (ILO), Food & Agriculture Organisation (FAO) etc. and Export of timber and forest products. Forestry trade tariff and related issues for Bilateral/ Multilateral Trade Negotiations, National Forestry Database Management system, Sustainable Forest Management Cell, Statistical Cell of the Ministry and Forest Certification.

**(b) Forest Conservation Division** deals with implementation of the Forest Conservation Act, 1980 and examination and processing of proposals received from State Governments for diversion of forest land for non-forest purposes.

**(c) Forest Policy Division** deals with matters on policy and forest legislation related to forests, people's participation in forest management, forestry related programmes and issues of tribal's and other rural poor, preparation of National Forestry Action Programme and the Central Board of Forestry as well as Central Forestry Commission.

**(d) Research and Training Division** deals with Indian Council of Forestry Research and Education, Dehradun having Research Institutes and one centre, Indian Institute of Forest Management, Bhopal, Indira Gandhi National Forest Academy, Dehradun, Indian Plywood Industries, Research & Training Institute, Bangalore and Directorate of Forest Education having 3 State Forest Service Colleges located at Dehradun, Coimbatore, Burnihat and Eastern Forest Rangers College, Kurseong. It also deals with in-service training for Indian Forest Service Officers. Externally aided projects on Forestry Research and Training are also handled in this Division.

**(e) Externally Aided Project (EAP) Division** assists the State Governments in preparation of externally aided forestry projects, negotiations with donor and funding agencies and monitoring and evaluation of the sanctioned projects. These forestry projects are aided by external agencies, such as, the World Bank, SIDA (Sweden), OECF (JAPAN), EEC, ODA (UK) and FRG.

**(f) Wildlife Conservation Division** deals with Wildlife (Protection) Act, 1972 and related matters, Indian Board for Wildlife, Export and Import of Wild Animals or Plant species, marine fauna and orchids, Zoos, Wildlife Preservation Regional offices, Convention on International Trade in Endangered Species of Wild Fauna and Flora, Tourist Policy for wildlife reserves, Project Elephant, Wildlife Institute of India, Wildlife Research and Training, International Convention on Wildlife (other than CITES), Centrally Sponsored Schemes other than the schemes for development of zoos on modern lines, matter related to national parks and sanctuaries, cases of poaching and hunting of animals, preparation of directories on National Parks and Sanctuaries, public support to nature conservation, State Wildlife Board, Coordination with the Army and all matters relating to 18 tiger reserves under the Project Tiger Scheme. As per provisions of the Wildlife (Protection) Act, 1972, the Central Zoo Authority came into existence in February, 1992 with a view to overseeing the management of Zoos in the country; enforce certain minimum standards for up-keep of animals and to ensure that animals

are acquired by the Zoos strictly according to the provisions of Wildlife (Protection) Amendment Act, 1991.

**(g) Forest Fire Division** is dealing with all issues related to Forest Fires, illicit felling & encroachments etc. The division is also responsible for implementation of Integrated Forest Protection Scheme Centrally Sponsored Scheme on sharing basis.

**(h) Regional offices (HQ)** “Strengthening of Forest Division”, Ministry of Environment and Forests facilitate clearance of proposals for diversion of forest land upto 40ha. for non-forestry purposes through its Regional Offices located at six places namely Bhubaneswar, Bangalore, Bhopal Lucknow, Shillong and Chandigarh. There is a unit called Regional Office (HQ) located in the Ministry of Environment and Forests, New Delhi. The primary functions of the Regional Offices of the Ministry are to monitor and evaluate the ongoing forestry project and schemes with specific emphasis on conservation of forests and follow up action on the implementation of conditions and safeguards laid down by the Ministry while granting clearance to development projects under FCA/EPA. The Regional Chief Conservator of Forests are empowered to recommend cases for diversion of forest land for non-forestry purposes except for mining and regularization of encroachment upto the extent of 40 ha., in consultation with the State Advisory Group(SAG).

**(i) Indian Forest Service Division** deals with the cadre management of Indian Forest Service which has authorised cadre strength of 2599 as on 1st September, 1995 with 21 States/Joint Cadres. The IFS Division is entrusted with the works relating to recruitment of IFS officers through Annual Competitive Examination held by the Union Public Service Commission every year, promotion of State Forest Service Officers to Indian Forest Service against the promotion quota, processing the proposals of the State Governments, for Cadre Review of all the cadres after a period of five years, cadre allocation of IFS Probationers, determining of year of allotment of promote officers, confirmation of IFS probationers/promotee officers into Indian Forest Service, appointment of IFS officers on central deputation under the Central Staffing Scheme of the Ministry, deputation of IFS officers on foreign service, grant of cadre clearance for various trainings/workshops/ seminars abroad, dealing with memorials relating to various grievances of the IFS officers, commercial employment of retired IFS officers, cadre management of AGMUT cadre including transfers in different constituents of AGMUT, promotions and all other establishment matters not delegated to the Constituent units of the States and UTS., and all the Court cases connected with the service matters of IFS officers. Out of the authorized strength of 2599, presently about 2350 officers are in position.

(j) **Animal Welfare Division** is entrusted with the implementation of the provisions of the Prevention of Cruelty to Animals Act, 1960(59of 1960). Plan Schemes are in operation for implementation of the statutory obligations under this Act. Two statutory organizations viz. **Animal Welfare Board of India (AWBI) and Committee for the purpose of Supervision and Control of Experiments on Animals (CPCSEA)** have also been set up under this Act. The mandate of the Animal Welfare Division is to prevent the infliction of unnecessary pain or suffering on animals. To accomplish this mission, a three-pronged approach (i.e. Regulatory, Developmental and Educational).

(k) **FE Division** deals with administrative matters of ICFRE, IGNFA, FSI, DFE's office, State Forest Service Colleges, National Zoological Park, Regional Wildlife Offices, and Andaman & Nicobar Forest Department.

(l) **Forestry Internally Co-operation Division** functions as a nodal agency for International Co-operation activities of the Forestry Wing.

### **C. Service Divisions:**

The service functions including administration and budget work of the Ministry as a whole is being carried out to by the following Divisions:

- (a) Personnel -General Administration.
- (b) Civil Construction Unit (CCU).
- (c) Integrated Finance.
- (d) Plan Coordination.

The main functions of these Divisions are as follows:

(a) **Personnel General Administration Division** deals with personnel matters including General Administration, Parliamentary work, all matters pertaining to the use of Hindi as Official Language, Vigilance, O&M, JCM, Welfare Grievances and Security, including (recruitment of Group A Scientists under Scientific Group 'A' Posts Rules, 1987 and promotion of scientific personnel under the Flexible Complementing Scheme).

(b) **Civil Construction Unit (CCU)** is responsible for planning, direction, execution and timely completion of all civil work included in the Plan.

(c) **Integrated Finance Division** deals with all matters pertaining to Budget and Accounts, scrutiny of all cases having financial implications, work-measurement

studies and Drawing and Disbursing functions in respect of the Demands for Grants of the Ministry.

(d) **Plan Coordination Division** deals with formulation and coordination of Perspective Five Year and Annual Plans (Centre and State), coordination monitoring and evaluation of all Plan Schemes and Projects.

## **V. ROLE AND FUNCTIONS ETC. OF NATIONAL RIVER CONSERVATION DIRECTORATE/GANGA PROJECT DIRECTORATE (GPD)**

### **A Note on National River/ Lake Conservation Plans**

The National River Conservation Directorate working under the Ministry of Environment & Forests, Government of India is implementing the following two schemes:

- National River Conservation Plan
- National Lake Conservation Plan

#### **1. National River Conservation Plan**

The Centrally sponsored scheme of National River Conservation Plan (NRCP) is under implementation in 160 towns along polluted stretches of 34 rivers spread over 20 States at a cost of Rs.4782.57 crore, the major rivers being Ganga, Yamuna, Gomti, Damodar, Satluj, Krishna, Cauveri and Godavari. The Objective of NRCP is to check pollution in rivers through implementation of the following pollution abatement schemes to bring the river to bathing quality standards:

- i. Interception and diversion works to capture the raw sewage flowing into the river through open drains and divert them for treatment;
- ii. Sewage treatment plant for treating the diverted sewage;
- iii. Low cost sanitation works to prevent open defecation on river banks;
- iv. Electric and/or improved wood based crematoria to conserve the use of wood and help in ensuring proper cremation of bodies brought to the burning ghat;
- v. River front development works such as improvement of bathing ghats, etc. and
- vi. Other miscellaneous works like Afforestation, Public Participation etc.

While the Ganga Action Plan, Phase-I has been completed at a total cost of Rs.433.32 crores in March 2000, the works under Ganga Action Plan, Phase-II which includes the works of 4 tributaries of river Ganga, namely, Yamuna, Gomti, Damodar and Mahananda, are going on and an expenditure of Rs.280.82 crores has been incurred so far under this Plan. For the river Yamuna, Yamuna Action Plan, Phase-I have been completed at a total cost of Rs.682.00 crores and the works under Yamuna Action Plan; Phase-II has been started in December, 2004. River Action plan for 29 other rivers besides the above 5 rivers are in various stages of progress.

All these works are done on the banks of river in the major towns and cities/ locations in the identified polluted stretches of rivers across the country. Development and maintenance of a proper sewerage system inside the towns and cities is primarily the responsibility of the respective States Government and the prevention and control of industrial pollution is the mandate of the States Pollution Control Boards. The mandate of NRCP does not include irrigation works, measures to increase the flow in rivers, soil erosion etc. which falls within the mandate of the Ministry of Water Resources.

## **Ganga Action Plan**

The works of pollution abatement in rivers started with the launching of the Ganga Action Plan (GAP) Phase-I in the year 1985. Subsequently, GAP Phase-II was initiated which included the works on the major tributaries of the river Ganga, namely, Yamuna, Gomti and Damodar. The Plan was further broad based to cover other national rivers under the aegis of National River Conservation Plan (NRCP) in the year 1995. The Programme which began with pollution abatement works in the river Ganga in 1985, thus, presently covers 34 rivers with works undertaken in 160 towns spread in 20 States.

## **2. National Lake Conservation Plan (NLCP)**

Lakes are an important feature of the Earth's landscape. They are not only a significant source of precious water, but provide valuable habitats to plants and animals, moderate the hydrological extreme, events (drought and floods), influence microclimate, enhance the aesthetic beauty of the landscape and offer many recreational opportunities. Lakes originate from the tectonic activity or by the glacial, fluvial or Aeolian processes on the earth's surface. However, because of a seasonal monsoonal climate in India, as also in many other countries, humans have constructed innumerable lakes to harvest the runoff for various uses (drinking supplies, irrigation, recreation and even hydropower) during dry periods. Both natural and manmade lakes have been associated in the past with the socio-cultural ethos of the people. Numerous human



settlements have developed and grown into metropolises around lakes which are even today of great interest to tourists from all parts of the world.

Rapid urbanization around the lakes, besides the degradation of catchment due to various anthropogenic pressures, has resulted in gradual deterioration of these lakes. Eutrophication and the decline in water quality, siltation and consequent swallowing and shrinking of lakes, loss of biodiversity and the wide range of goods and services that these lakes offer, are major problems.

Considering the problems mentioned above, the need for a separate programme for the conservation of lakes, particularly the Urban polluted Lakes was felt by the Ministry and thus the National Lake Conservation Plan (NLCP) was launched in 2001. Presently, conservation measures under this Plan have been initiated in 46 lakes in 13 States. Prominent among these are: Lake Powai in Mumbai (Maharashtra), Dal Lake in Srinagar (Jammu & Kashmir), Lakes Nainital and Bhimtal in Uttranchal, Lakes Ooty and Kodaikanal in Tamil Nadu, Lake Mansagar in Jaipur (Rajasthan), Lake Mirik in West Bengal, and several smaller lakes in Karnataka. Two major Lakes, upper lake (also called Bhoj) in Bhopal (Madhya Pradesh) and Hussainsagar on Hyderabad (Andhra Pradesh) have been supported by the respective State governments and are not covered under NLCP. The works of conservation of 10 of these lakes have been completed so far.

The Ministry has also undertaken the exercise for identification and prioritization of lakes for inclusion under the NLCP. Some State Government have also prioritized lakes in their States, and set up Lake Development Authorities for implementation of the conservation plans. Besides the interception, diversion and treatment of wastewaters, the conservation and management plans include a variety of other activities such as catchment improvement, shoreline protection, in-lake treatments biomanipulation and improvement of recreational facilities in and around the lake for ensuring public participation and lake sustainability.

## **VI. Role and Functions etc. of the National Afforestation and Eco-Development Board (NAEB).**

### **A. CREATION OF N.A.E.B**

The National Afforestation & Eco-Development Board (NAEB) was set up in August 1992; vide Government of India, Ministry of Environment and Forests Resolution S. No. 163 for promoting afforestation, and tree planting, ecological restoration and eco-development activities in the country. The Board is responsible for promoting Afforestation, tree planting, ecological restoration and eco-development activities in the country. Special attention is being given to the regeneration of degraded forest areas and lands 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 role & functions of the NAEB are as follows:

### **B. ROLES AND RESPONSIBILITIES OF N.A.E.B**

- (a) Evolve mechanisms for ecological restoration of degraded forest areas and adjoining lands through systematic planning and implementation, in a cost effective manner;
- (b) Restore through natural regeneration or appropriate interventions, the forest cover in the country for ecological security and to meet the fuelwood, fodder and other needs of the rural communities.
- (c) Production of fuel food, fodder, timber and other forest produce on the degraded forest and adjoining lands in order to meet the demands for these items;
- (d) Sponsor research and extension of research findings to disseminate new and proper technologies for the regeneration and development of degraded forest areas and adjoining lands;
- (e) Create general awareness and help foster a people's movement for promoting afforestation and eco-development with the assistance of voluntary agencies, non-governmental organizations, Panchayati Raj institutions and others and promote participatory and sustainable management of degraded forest areas and adjoining lands;
- (f) Coordinate and monitor the Action Plans for tree planting, ecological restoration and eco development; and

(g) Undertake all other measures necessary for promoting afforestation, tree planting, ecological restoration and Eco development activities in the country.

In addition, the following works are also being looked after now by N.A.E.B.

(i) The Subject area relating to Ecological Rehabilitation of Degraded Eco-systems being dealt with by Centre of Excellence, viz. CEMDE located in Delhi University.

(ii) United Nations Convention to Combat Desertification

(iii) National Bamboo Mission

(iv) Bio-diesel plantations

### **C. CONSTITUTION OF N.A.E.B.**

The following is the constitution of N.A.E.B. as per resolution no. 163 dated 28<sup>th</sup> August, 1992 as amended till date:

Ex-officio Members:

- |     |  |               |
|-----|--|---------------|
| (1) | Union Minister for Environment and Forests           | Chairman      |
| (2) | To be nominated by the Chairman                      | Vice Chairman |
| (3) | Member, Planning Commission In charge of Environment | Member        |

Secretaries to the Government of India in the Departments of:

- |     |                                     |                  |
|-----|-------------------------------------|------------------|
| (4) | Rural Development                   | Member           |
| (5) | Agricultural Research and Education | Member           |
| (6) | Expenditure                         | Member (Finance) |
| (7) | Science & Technology                | Member           |
| (8) | Agriculture & Cooperation           | Member           |
| (9) | Animal Husbandry & Dairying         | Member           |

- |      |   |        |
|------|---|--------|
| (10) | Wastelands Development<br>(Land Resources)  | Member |
| (11) | Water Resources   | Member |
| (12) | Defence   | Member |
| (13) | Member Secretary, National Land use and<br>Conservator Board.                             | Member |
| (14) | Inspector General of Forests (MoE&F)<br>(Director General of Forests & Special Secretary) | Member |
| (15) | Chairman, National Bank for Agriculture and<br>Rural Development                          | Member |

**NOMINATED MEMBERS:**

- |             |   |                    |
|-------------|---|--------------------|
| (16-<br>17) | Members of Parliament (one each from the<br>Lok Sabha and the Rajya Sabha)  | Members            |
| (18-<br>24) | Representatives (not exceeding seven)<br>Of Voluntary Agencies, Cooperative Institution,<br>Tribals, etc. connected with afforestation and<br>Eco development activities. | Members            |
| (25-<br>29) | Representatives of State Government (not<br>exceeding five) not below the level of<br>Secretary of State Government.  | Members            |
| (30-<br>34) | Five Principal Chief Conservator of Forests,<br>one from each zone on rotational basis<br>for a period of two years.  | Ex-officio Members |

**MEMBER SECRETARY**

- |      |                                     |                  |
|------|-------------------------------------|------------------|
| (35) | Secretary (Environment and Forests) | Member Secretary |
|------|-------------------------------------|------------------|

## **D. WORK ALLOCATION WITHIN N.A.E.B.**

To undertake the above items of work, the Board has the following Divisions:-

### **B-I DIVISION**

- ❖ Plan Coordination
- ❖ 20-Point Programme – Point 52 relating to afforestation
- ❖ Matters related to NAEB Board
- ❖ Parliamentary Standing Committee and Consultative Committee
- ❖ Annual Planning and Budgeting
- ❖ Policy issues relating to afforestation
- ❖ Examination of EFC Memorandum/ Cabinet Notes received from other Ministries/ Departments and Divisions of MoEF
- ❖ Communication (Training, Workshop, Publication)
- ❖ Monitoring and Evolution
- ❖ Furnishing of time-bound material/ information to Senior Officers in Ministry and also to other Ministries/ Departments as and when called for
- ❖ National Bank for Agriculture & Rural Development (NABARD) Watershed Development fund
- ❖ E-Governance
- ❖ Other residuary matters

### **B-II DIVISION**

- ❖ General Coordination for National Afforestation Programme
- ❖ National – level Steering Committee of National Afforestation Programme
- ❖ Forest Development Agency (FDA) projects of Haryana, Himachal Pradesh, J&K, Orissa, Punjab, UP Uttaranchal, A.P., Chhattisgarh, Kerala
- ❖ Maintenance of IX Plan Afforestation Schemes (IAEPS)
- ❖ Monitoring of Tour Reports of National Afforestation & Eco-development Board officers
- ❖ Thrust Areas: Coastal Shelter Belt Plantations

### **B-III DIVISION**

- ❖ FDA Projects of Bihar, Gujarat, Jharkhand, Maharashtra, Rajasthan, Tamil Nadu, West Bengal and Goa
- ❖ Maintenance of IX Plan Afforestation Scheme (AOFFP and ASTRP)

### **B-IV DIVISION**

- ❖ Forests Development Agencies (FDA) projects of NE States including Sikkim and Union Territories, and Andhra Pradesh, and Karnataka, Kerala
- ❖ Support to Regional Centres
- ❖ Maintenance of IX Plan Afforestation Scheme (NTFP)
- ❖ Thrust Areas: Bamboo and Medicinal Plants

### **B-V DIVISION**

- ❖ Matters relating to Desert and Desertification including UN Convention to Combat Desertification (UNCCD)

### **B-VI DIVISION**

- ❖ Establishment & Administration
- ❖ General Coordination
- ❖ Parliamentary Matters
- ❖ Central Registry
- ❖ House keeping
- ❖ General Legal Matters
- ❖ Cash Section
- ❖ OL Section

### **B-VII DIVISION**

- ❖ Grants in Aid for Greening India Scheme
- ❖ Eco-Development Forces Scheme
- ❖ Indira Priyadarshini Vriksha Mitra (IPVM) Awards
- ❖ Centre for Environmental Management of Degraded Eco-systems (CEMDE) – Centre of Excellence, Delhi University
- ❖ Review of expenditure progress of Development Programmes relating to NE Regions
- ❖ Follow up action on PM's announcement of Package to NE States
- ❖ Annual Report for National Afforestation & Eco-development Board
- ❖ Annual Action Plan – National Afforestation & Eco-development Board
- ❖ Tribal Co-operative Marketing Federation Ltd (TRIFED)
- ❖ Society for Promotion of Wasteland Development (SPWD)

## **VII. SECTIONS WITH THEIR FUNCTIONS IN THE MINISTRY OF ENVIRONMENT AND FORESTS**

### **ADMINISTRATIVE DIVISION**

#### **GENERAL ADMINISTRATION (GA)**

- Cleanliness of the premises occupied by MOEF (other than NRCD and NAEB)
- Co-ordination with other user departments of Paryavaran Bhavan Building,
- Purchase, Replacement and maintenance of computers and related equipment in MOE&F (Except NRCD & NAEB)
- Procurement and maintenance of heating/ cooling equipment in the MOE&F (Except NRCD & NAEB)
- Procurement and supply of other stores and equipment including furniture, stationery, photocopies etc., needed for the MOE&F (Except NRCD & NAEB)
- Liaison with CPWD for maintenance of Civil and electrical works in the premises occupied by the MOE&F (Except NRCD & NAEB)
- Liaison with MTNL for provision and maintenance of telephones, fax services to MOE&F.
- Procurement and supply of uniforms to staff excluding NRCD and NAEB who are required to wear uniforms.
- Disposal of obsolete/ unserviceable stores and their replacement and loss of stores reported by any office/ section/ division of MOE&F (Except NRCD & NAEB)
- Modernization of various Divisions/ Sections under the 'Scheme for modernization of Govt. offices (Except NRCD & NAEB)
- Purchase of staff cars and other vehicles and maintenance thereof (Except NRCD & NAEB).
- Providing and maintenance of air-conditioners (Except NRCD & NAEB)
- Installation operation & maintenance of Internal Telephone exchange.
- Operation, Maintenance & supervision of Duplicating Unit (Except NRCD & NAEB)
- General housekeeping activities
- Maintenance of garden around the office and the potted plants inside (except NAEB & NRCD)
- Internet telephony installation and maintenance
- Hiring of vehicles
- Van Vigyan Sadan Transit Hostel - all matter relating to maintenance allotment caretaking/ Framing of rules there under
- Hiring of office accommodation

- Provisions of cable / dish TV in office rooms
- Issue of postage stamps/ Franking Machine services.
- Supply of drinking water
- Tea / Coffee vending machines (other than canteen)
- Coordination committee for the CGO Complex

## **GENERAL CO-ORDINATION SECTION (GC)**

### **Joint Consultative Machinery (JCM) Matters:-**

- I. Departmental Council meetings;
- II. Recognition of Service Associations- of the Ministry & Circulation of Rules & Regulations received from Dept. of Personnel & Training (DoPT).
  - Matters relating to C.G.O. Complex Co-ordination Committee
    - Matters relating to Zonal Councils
    - Matter relating to weekly meeting of Secy ( E&F) with Sr. Officers of the Ministry
    - **Awards:-**
      - Response to other Ministries regarding nominations for various awards.
    - **Co-ordination of**
      - General Co-ordination relating to Committees and Boards functioning under this Ministry.
      - Co-ordination relating to proposals for modification/review of existing Govt. of India (Allocation of Business) Rules, 1961.
    - **Circulation of**
      - Circulation of References received from Cabinet Secretariat relating to composition of various Cabinet Committee assumptions and relinquishment of charge by various Ministers etc.
      - Circulation of orders/instructions of general nature received from other Ministries in the Ministry & in its attached /subordinates offices & autonomous organizations
      - Co-ordination of the matter relating to Expenditure Reforms Commission(ERC)- Geeta Krishnan Committee Reports (recently allocated)
    - **Other Misc. Matters**
      - Furnishing of information to Cabinet Sectt.-regarding major development during PM's tour abroad



- Furnishing of comments of draft cabinet note of general nature received from other Ministries on the subject not assigned to any other Division.
- Observance of important days/weeks ( Anti Terrorism Day, Sadhbhavana Diwas, Forest Martyrs Day, Quami Ekata Week, National Foundation for Communal Harmony, Armed Forces Flag Day etc.)
- Submission of information to Deptt. of Administrative Reforms on the subject of personnel matters, creation/abolition of posts, Voluntary Retirement Scheme, delay in holding DPC etc.
- Collection of funds for providing relief to the people affected by natural calamities in the country.
- To provide logistic support to Audit Party deputed to inspect the record of Ministry (Proper)
- Welfare Activities like condolence meeting Farewell Parties etc.

**Periodical report and returns on the following subjects:-**

**Fortnightly Returns:**

- Orders of ACC Challenged before CAT- to DOPT

**Monthly Returns:**

- Implementation of orders of ACC- to Cab. Sectt.
- Review of Identified Thrust Areas

**Quarterly Returns**

- Adhoc appointment made to Gp. "A & B" posts without Consultation with UPSC.
- Actual expenditure incurred on Pay and various type of allowances on civilian Central Govt. employees.

**Half- Yearly Returns:**

- Monitoring of recruitment of minority communities in Govt. service

**Annual Returns:**

Actual expenditure incurred on pay and allowances of civilian employees of autonomous bodies.

## **RTI CELL**

- Receipt of application through Post/ IFC Counter.
- Diarize the RTI application and sent them to concerned officers for taking necessary action.
- Remove the IPOs/DDs take necessary action to an cash and deposit the amount in the Ministry Account.
- Deal with RTI applications which are of general nature not pertaining to only officer/section/division in the Ministry.
- Collect information for Annual RTI return from various sections/divisions in the Ministry and also from organizations/offices under Ministry and send the return to CIC by the due date.
- Any other matter pertaining to RTI Act with which a particular division/section in the Ministry is not concerned.

## **CENTRAL REGISTRY (CR)**

- To receive all the files, dak etc. sent by other Ministry/ Departments, Offices under this Ministry.
- To receive all the dak, telegrams etc. sent by Postal Department or by any other office, individual etc and to distribute all the dak, files received in the CR Section to the concerned sections, desks, units, Divisions, Officers.
- To receive and distribute dak received in the separate box kept in the Reception office for the officers of MEF office.
- Despatch of all dak, files, dispatch of urgent dak with. the help of special messengers during the office hours as well as after office hours.

### **ORGANISATION & METHOD (O&M UNIT)/IWS UNIT O & M Work:-**

- Up-dation of Induction Material.
- Advice on disputed receipts received from various sections/ divisions.
- Annual programme of O & M inspection of various sections/ divisions and other offices under the Ministry.
- Scrutinisation of the Inspection Reports and follow up action. For Collection of various O & M returns as prescribed in the Manual of office Procedure relating to Record Management, checks on delays etc.
- Issue of the compendium on the 'Channel of Submission and level of final disposal of cases'.
- Preparation and review of record retention schedules concerning substantive Function of the Ministry in consultation with the National Archives of India (NAI) .
- Coordination with Deptt. Of Admn. Reforms & Public Grievances in connection with matter relating to O & M activities.
- Training of LDCs/ UDCs/DEOs under the decentralized scheme.
- Responsibilities relating to Departmental Record Room of this Ministry.
- Implementation of various Schemes introduced by Deptt.of AR&PG such as Cash Awards for high performance in O&M activities.

### **Method Study**

- Work Study for assessing manpower requirement including Method Studies.

### **OFFICIAL LANGUAGE DIVISION (OL)**

- Translation work from English to Hindi and vice versa in some special cases.
- Implementation of Official Language Policy in the Ministry and its Subordinate offices to ensure compliance of the provisions of Official Languages Act and Rules framed there under.
- Coordination with the Department of Official Language and the committee of Parliament on Official Language.
- Organizing meetings of the Hindi Salahkar Samiti and Official Language Implementation Committee.
- Training to the officers/employees of the Ministry in Hindi, Hindi typing and Hindi stenography under the Hindi teaching scheme.
- Implementation of the scheme for Awards to Indian Authors of Original Books in Hindi on subjects related to Environment etc (Medini Puraskar Yojana).
- Participating and Organizing workshops/seminars for propagating the use of Hindi/Organisation of 'Hindi day'/'Hindi Pakhwara'.
- Inspection of the attached offices subordinate Offices and Sections of the Ministry to assess the position regarding progressive use of Hindi.
- Implementation of various incentive schemes prescribed by the Department of Official Language for progressive use of Hindi in official work.
- Publication of Quarterly Hindi Magazine 'Paryavaran'.
- Translation of training material of Training Institution under the Ministry.

## **PERSONNEL- I SECTION (P.I)**

- Cadre management of scientific posts of the Ministry (E&F wing), Cadre management of technical posts of the Ministry. Creation and continuation of scientific and technical posts of Ministry (E&F wing).
- Recruitment Rules – framing & amendment of Recruitment Rules of technical posts.
- Appointment, promotion of scientists of the Ministry (E&F wing) under Flexible complementing Scheme.
- Processing & issuing of sanction orders of deputation, delegation abroad.
- Sanction of advances like House Building GPF, LTC, and TA. Medical Reimbursement of Scientific & Technical Cadre, Scooter, car, cycle. Fan festival etc.
- Retirement, pension, CGEIS, Children Education Allowance, tuition fee, medical claim, probation, confirmation, confidential reports, leave, review cases, SC,ST reservation, annual increment, EB Cases and other service matters of all scientific, technical staff of Ministry (E&F wing).
- Court cases arising from service matters of all scientific ,technical personnel of the Ministry.
- United Nations Environment Programme (UNEP) vacancies
- Reservation Cell (including handling of Parliament Questions/ Assurances relating reservations in all services of all categories)

## **PERSONNEL- II SECTION (P.II)**

- Service matters of Secretariat Group 'A', 'B', 'C' & 'D' posts (except National River Conservation Dte.( NRCD)/ National Afforestation & Eco-development Board (NAEB)Scientific/Technical posts). Appointment, review cases, leave cases, retirement and retirement benefits, medical claims, tuition fee reimbursement, court cases in respect of these posts.
- Cadre management of CSSS/CSS/CSCS (including NRCD and NAEB) and Group 'D' posts in the Ministry.
- Central Staffing Scheme and work allocation to Senior Officers.
- Recruitment of Group 'D' Staff (except NRCD & NAEB).
- All matters in respect of Co-terminus posts in the Office of MoEF and MoS and ex-Cadre posts.
- Training Programme of IAS and Secretariat officers.
- Recruitment & framing of Recruitment Rules of non-scientific and non-technical ex-cadre posts of the Ministry (E&F Wing)-(excluding Scientific/Technical).
- Pension cases of all Groups 'A', 'B', 'C' & 'D' posts of the Ministry (E&F Wing)

- Recruitment and promotion of Staff Car Drivers (including NRCD and NAEB).
- Night and Day duty roster.
- Posting/Transfer of all non-technical /non-scientific personnel in the Ministry.
- Maintenance of ACRs of all non-technical/non-scientific personnel in the Ministry (including NRCD and NEAB- except IFS).
- Administrative disciplinary matters in respect of all non-technical/non-scientific personnel in the Ministry.
- Nomination of IAS Officers as Observer during General Election.
- Deployment of Staff for election duty in Delhi.
- Outsourcing of DEOs in the Ministry.

### **PERSONNEL-III SECTION-(P-III)**

- Recruitment of Group' A' Scientists in the Ministry and its Attached /subordinate offices.
- Review/assessment of Group 'A' Scientists for their promotion under Flexible Complementing Scheme in the Ministry and its Attached /Subordinate offices.
- Amendment/interpretation of the Department of Environment, Forests and Wildlife Scientific Group' A' posts Rules, 1987.
- Personnel Policy of Group' A' Scientific posts.
- In addition the additional charge of VI Pay Commission Cell is presently being handled by Section Officer (P-III).

### **PARLIAMENT SECTION**

- Co-coordinating the work of Parliament Questions to be answered by the Ministry.
- Arrangements for the meetings of the Consultative Committee of Members of Parliament attached to the Ministry including drafting minutes etc. of the meeting.
- Co-coordinating the work relating to examination of Annual Reports, Demand for Grants and any other Legislative Business of the Ministry by the Department Related Parliamentary Standing Committee on Science and Technology, Environment and Forests.
- Co-coordinating the work relating to other Parliamentary Committee like Public Accounts Committee; Estimates Committee, Welfare of Scheduled Castes/Scheduled Tribes Committee etc.
- Keeping a watch on Parliamentary Assurances, matters raised under Rule 377 in Lok Sabha and by way of Special Mention in Rajya Sabha and other Parliamentary business of the Ministry.

## **PROTOCOL SECTION**

- Providing comprehensive protocol arrangement for the Minister/Minister of State of Environment and Forests and senior officers of this Ministry. This includes working out the itinerary, booking of passage, baggage handling, customs/immigration/ security checks both at the time of Departure/Arrival of VIPs as well as Security Passes for Airport and Reserved/Ceremonial Lounge for MEF.
- To receive and see off foreign delegations VIPs who visits Paryavaran Bhavan to meet Minister/Minister of State/ Secretary.
- To handle issue/ revalidation of Diplomatic/ Official Passports and getting note verbal and arranging visas from Embassies.
- To arrange passes for Independence Day/ Republic Day for under Secretary and above officers of this Ministry,
- To arrange Domestic/ International ticketing of Minister/ Secretary (E&F)/ Spl. Secretary/DGF and various officers of the Ministry and payment of Bills thereof.
- Handling of work relating to Receptions at Rashtrapati Bhawan for VIPs upto Addl. Secretary levels.
- Examining /Passing of canteen bills on hospitality of US & above officers, ITDC, Ashoka at IGI Airport, Parliament House (N.Rly Catering), Tea Board/Coffee Board and VIP Guests of Hon'ble Minister/Minister of State/ Secretary.

## **ADMINISTRATIVE VIGILANCE UNIT (AVU)**

- Disciplinary proceedings against retired IFS officers Cadre and other Central Govt. Servants retired from service under the MOE&F.
- Vigilance complaints regarding misconduct of IFS officers serving in the Central and State Governments and other Government Servants serving under MOE&F and from the General Public/ Organizations/ Central Vigilance Commission (CVC)/ PMO's Office.
- Disciplinary proceedings against IFS officers of Arunachal, Goa, Mizoram & Union Territories ( AGMUT) Cadre and against other Govt. Servants serving under the MOE&F (including the initiation of proceedings for which authorities subordinate to Secretary (E&F) are competent.
- Sanction of prosecution including those under the Prosecution & Corruption Act (PC Act) 1988 against IFS Officer and against Central Govt. Servants serving/ retired from service under the MOE&F.
- According clearance from vigilance angle in respect of personnel concerned for purpose of administration.
- Receipt/ Scrutiny of Property Returns of Group A & Group B Officers of the MOE&F.
- Appeals (including appeals against suspension)/ Review.

- Permission/ intimation of movable/ immovable property under conduct Rule (1964) and all India services (conduct) Rules, 1968.
- Organizing Vigilance Awareness Week as per CVC directions.
- Examination of cases of imposition of major penalties on IFS Officers of dismissal/ compulsory removal etc. referred to by State Governments.
- Preventive Measures to check corruption.
- Other matters relating to conduct and discipline of IFS Officers and other Central Government servants of MOE&F, including matters arising out of proceedings before tribunals/ courts.
- Appointment of Inquiry officer (IO) and Presiding officer(PO) in case the President is the appointing authority & in r/o of other cases.
- Conducting/ appointing investigation officers for preliminary information.

## **ANIMAL WELFARE DIVISION (AW)**

**Animal Welfare Division** is entrusted with the implementation of the provisions of the Prevention of Cruelty to Animals Act, 1960 (59 of 1960). Plan Schemes are in operation for implementation of the statutory obligations under this Act. Two statutory organizations viz. Animal Welfare Board of India (AWBI) and Committee for the purpose of Supervision and Control of Experiments on Animals (CPCSEA) have also been set up under this Act. The mandate of the Animal Welfare Division is to prevent the infliction of unnecessary pain or suffering on animals. To accomplish this mission, a three-pronged approach (i.e. Regulatory, Developmental and Educational).

The following two Central Sector schemes are directly implemented by Animal Welfare Division;

### **1. National Institute of Animal Welfare (NIAW), Ballabgarh, Faridabad, Haryana.**

The Ministry of Environment & Forests, Animal Welfare Division has established the National Institute of Animal Welfare (NIAW) at Ballabgarh, Faridabad, Haryana as a subordinate office. The objective of the Institute is to among other things, animal management, their behavior and ethics. The aim is to create an enabling environment for fulfillment of the statutory requirements as laid down in the Prevention of Cruelty to Animals Act, 1960.

Before starting in a full fledged manner, the need was felt to finalize a number of issues including assessment of market demand, decision regarding option of degree or diploma and recognition thereof, evolving course contents and finalization of curriculum.

Accordingly the work of designing and running in service and other short term courses training was assigned to Ed CIL, a public sector enterprise under the Ministry of Human Resource Development, on turnkey basis and courses have commenced from 2.1.2006. 46 Training programmes have been completed upto November, 2007.

NIAW has been conceptualized as an apex body in the field of animal welfare and its broad mandate covers the need to improve animal welfare through education, research and public outreach. The process of appointment of faculty is underway. The Institute is expected to evolve as a premier body with international stature, with participation of faculty/trainees from other countries.

A Steering Committee has been set up under the under the Chairmanship of Secretary (E&F) to review the modalities of operation of NIAW and to facilitate constant review of the functioning of the Institute. Apart from officials of the Ministry, the Steering Committee comprises of DG(CSIR) or his representative , Member Secretary (CZA), Animal Husbandry Commissioner, Ministry of Agriculture and representatives of the Ministries of Information and Broadcasting and Urban Development.

Important stake holders in the training programmes have been identified including municipal officials, animal welfare organizations, animal readers, transporters, faculty of veterinary colleges, animal traders, animal trainers, employees of slaughter houses and SPCA inspectors and specialized courses are being designed in consultation with AWBI.

## **2. Committee for Purpose of Control & Supervision of Experiments on Animals (CPCSEA)**

This is also a statutory body under Section 15 of Prevention of Cruelty to Animals Act, 1960 with head quarters at Chennai. The mandate of this Committee is to ensure that while conducting various types of experiments, in connection with medical research or education, animals are not subjected to avoidable pain or suffering. The main function of this committee is to register institutions carrying out animal experimentation and/ or breeding; to consider approval of animal house facilities and to regulate use of animals in experimentation.



### **CIVIL CONSTRUCTION UNIT (CCU)**

- Planning and construction works like office buildings, Laboratory buildings, residential quarters, Herbarium, Museums, and Landscaping of subordinate offices of the Ministry.
- Monitoring of all the works undertaken by its field Divisions and sub-divisions as well as those being done by C. P. W .D., on behalf of the Ministry, where Civil Construction Unit, does not have its field units.
- Developing alternative materials to avoid use of timber in buildings including utilizing the same in the various buildings, being constructed by it.
- Introduction of photo-voltaic cells in place of electric lights for street lights.
- Introduction of C. F .L. s in place of conventional fluorescents lights in hostels, guest houses etc., to effect energy saving,
- Introduction of solar water heating systems in hostel buildings for heating water.

### **CONSERVATION SURVEY DIVISION (CS-I)**

- Biosphere Reserve (All matters concerning identification and designation of Biosphere Reserve and formulation of strategies for the conservation of diversity of species and eco system in such reserves, including Research Projects and Management Action Plans. Nomination of Biosphere Reserves on World network of Biosphere Reserves designated by UNESCO).
- The Indian National Man and Biosphere (MAB) Committee
- Scheme on financial assistance to Botanical Gardens for ex-situ conservation for Rare Endemic Plants
- Conservation of Western Ghats and its ecological studies through Centre of Excellence namely Centre for Ecological Sciences (CES) located at Bangalore.
- UNDP-GOI-CCFII Projects on Biodiversity Conservation and Medicinal Plants.
- Grants to State/UT Govts for Conservation & Management of Mangroves & Coral Reefs.
- All India Taxonomy Capacity Building Project.
- E.K.Janaki Ammal National Award for Taxonomy
- General issue w.r.t. Biodiversity Conservation including drafting of NBAP, inputs to IC Division on GEF-RAF on Biodiversity for India, other sect oral & regional projects on Biodiversity.
- Centre of Excellence on Medicinal.
- Plants & Traditional Knowledge at FRLHT, Bangalore.
- Ongoing & New Research Projects on Mangroves, Corals, Coastal & Marine Biodiversity.

- Workshop/Seminar/Training Programme on Mangroves, Coral Reefs, Coastal & Marine Biodiversity.
- India's participation in IUCN-MEF Initiative.
- Establishment of National Institute for Research in Mangroves & Coastal Bioresources at Sunderbans, West Bengal.
- Parliament Questions, VIP references, miscellaneous.
- Ramsar Convention.
- National Wetlands Conservation Programme.
- SACON as Centre of Excellence.

### **CONSERVATION SURVEY DIVISION (CS-II)**

- All administrative matters related with Gazetted Staff (Scientific/Technical, Non-Scientific /Non- technical) of BSI and ZSI..
- All administrative matters related with Non-Gazetted staff (Scientific/Technical, Non- Scientific /Non-technical) of BSI and ZSI.
- Service Association /DCM and related matters/PAC/RAMC.
- Parliament Question/Assurance.
- Court Cases.
- Periodical reports, Returns, Preparation of Annual Report, Performance Budget/Speech etc. Budget, Action Plan Audit, Annual Plan.
- All matters related with Capital Work, Minor Works, and Maintenance etc.
- VIP references.
- RTI matters & BNHS
- Misc. matters of BSI and ZSI.
- All matters relating to G.B. Pant Institute of Himalayan Environment. And Development, Almora.
- Matters relating to ICIMOD (International Centre for Integrated Mountain Development)
- All matters relating to Indian Mountaineering Foundation IMF).
- Other matters relating to conservation and survey of biotic resources not specifically allotted to any other Cell/Desk in C.S. Division or common to more than one Cell/Desk.

### **CONSERVATION SURVEY DIVISION (CS-III)**

- Biosafety
- Genetic Engineering Approval Committee(GEAC)
- Cartagena Protocol on Biosafety
- Capacity Building Activities/ Project on Biosafety
- Convention on bio-diversity
- National bio-diversity action plan.
- National bio-diversity Authority

### **CLEAN TECHNOLOGY DIVISION (CT)**

- Sponsoring specific studies which would, inter-alea, facilitate environmental impact assessment of developmental projects including calibration and validation of models adopted, case studies etc.
- Environmental Impact Assessment of nuclear projects and allied activities such as nuclear fuel complex, monitoring of the conditions stipulated at the time of clearance of these projects, involving guidelines etc.
- Examination of the proposals received from different agencies for international institutional assistance on different sectors such as energy, industry.
- Nuclear Power Projects.
- Carrying capacity case studies.
- Natural Resources Accounting (Environment as well as Forestry related)
- Life cycle Assessment.
- Carrying capacity based Regional Planning for sustainable Development.

### **ENVIRONMENT EDUCATION & ENVIRONMENT INFORMATION DIVISION (EE & EI) (E.I.Div.)**

- Development and Management of ENVIS Network.
- Coordination and Liaison with various National Information Systems
- World Bank assisted Environment Management Capacity Building Technical Assistance Project (EMCBTAP) for Environment Information System (ENVIS) sub-component.
- INFOTERRA programme of United Nations Environment Programme (UNEP) as National Focal Point (NFP) and Regional Service Centre (RSC) for South Asia Sub Region countries.
- Development of website of the Ministry and its periodic updation.
- Case related approval of projects for Income-Tax Exemption under Section 35 CCB of Income Tax( IT) Act, 1961.
- All financial matters relating to the programmes dealt with by EI division.
- Parliament matters, Parliament questions etc. relating to the schemes handled by EI div.

- Messages, Speeches relating to the programmes and schemes dealt with by EI division.
- All work relating to NGO cell such as dissemination of information to the NGOs for the programmes of Ministry, development of databases of the NGOs working in the field of environment and its associated areas, Parliament matters seeking information about NGOs relating to the programmes/ schemes dealt by EI division.
- Development and Management of Information and Facilitation Counter (IFC) of the Ministry.
- Coordination of publication of the Annual Report of the Ministry in every year.
- Publication of the quarterly newsletter ENVIRONEWS and quarterly journal PARYAVARAN ABSTRACT.
- Work relating to streamlining up gradation and modernisation of statistical system for the Ministry.
- Maintenance of statistics for the entire Ministry.
- Paryavaran Vahini Scheme.

#### **ENVIRONMENT EDUCATION (EE)**

- National Green Corps Programme
- National Environment Awareness Campaign (NEAC)
- Non-formal Environmental Education and Awareness Programmes (including the matters relating to policy & grants)
- Participation in Exhibitions.
- Grants-in-aid to professional societies.
- Co-ordination of Centres of Excellence, administration of two centres of excellence in the subject areas of Environment. Education viz Centre for Environment Education (CEF) at Ahmedabad and CPR Environmental Education Centre (CPREEC) at Chennai (including the matters relating to policy & financial assistance).
- Examination of proposals for new Centre of Excellence
- Financial assistance for holding seminars/symposia/workshops etc., publishing the workshop reports etc.
- Work relating to Global Learning & observations to benefit the Environment (GLOBE)
- Other awareness programmes such as Green Olympiad, Terra-Quiz etc.
- Environment Appreciation Courses through distance education
- Matters relating to formal environment education in schools
- Strengthening EE in professional education
- Global Public Goods.

## **LIBRARY (Under EE Div.)**

- Acquisition of books/periodicals/reports/video tapes and other information resources
- Processing of information resources.
- Maintenance of Library records.
- Compilation of the bibliographies and other ready reference information tools.
- Organization of current awareness & SDI Services.
- Operation & maintenance of information services/bibliographic database services.
- Automation of Library & Information Service.
- Co-ordination & liaison with the Libraries in Delhi and DELNET Programme.
- Referral Services
- Processing of bills for books and periodicals as recommended and approved by Library Management Committee
- Processing of bills of Newspapers, Magazines of all the officers of the level of S.O. and above subscribed at the residences.
- Reprographic services.

### **Information Repository (Library)**

- The Library in the Ministry acts as a document repository for dissemination of information in the field of environment and its associated areas. ENVIS Focal Point coordinates various activities for the management of the library in the Ministry.
- The library performs an important role in planning, promotion and implementation and coordination of the Ministry's objectives by providing timely access to relevant and comprehensive information to the users inclusive of officials of the Ministry, outside organizations, research students and decision-makers.
- Library has a collection of over 26,000 books and technical reports, proceedings, etc, in its holding. Besides, the library also subscribes more than 70 national/international journals covering diverse areas of environment. Being the scientific Ministry, Library is one the richest documentary bases of scientific journals in the field of environment and its associated areas.
- During the year, the Library also procured a wide range of general books both in English and Hindi apart from the technical books and journals. Research scholars from various organization, institutions and other professional bodies visited the library for various information required by them from time to time. In order to provide online access to the users, the library records were computerized after following the regular classification system.

## **EXTERNALLY AIDED PROJECTS DIVISION (EAP)**

- Externally Aided Projects (EAP) Division assists the State Government in preparation of externally aided forestry projects negotiations with donor and funding agencies and monitoring and evaluation of the sanctioned projects. These forestry projects are aided by external agencies such as the World Bank, Swedish International Development Agency (SIDA) (Sweden), Japan Bank for International Co-operation (JBIC) (Japan), European Economic Community (EEC), Overseas Development Agencies (ODA) (UK) and Federal Republic of Germany (FRG).
- Assistance to States in identifying and formulating projects for external assistance.
- Handling of Food & Agriculture Organisation (FAO) Projects/ Misc. Projects.
- Scrutiny of the projects for external assistance/ internal clearances of Projects.
- Co-ordination with Deptt.of Economic Affairs (DEA), Planning Commission, Ministry of Home Affairs (MHA), Ministry of External Affairs ( MEA) and other Ministries.
- Liaison with External donor agencies.
- Processing of cases for clearances of foreign visiting missions, consultants of donor agencies.
- Joint project appraisal and follow up action.
- Finalisation of projects for external aid by negotiation till signing of agreement/ Monitoring of on-going externally aided projects.
- Annual and mid-term review of projects.
- Joint consultation with donor agencies.
- Co-ordination with State Govts, other Central Ministries and donor agencies for resolving various issues arising from time to time.
- Monitoring of aid/ credit utilization.
- Identification of relevant training courses/ study tours abroad.
- Inviting nomination for relevant training courses/ study tours abroad.
- Processing the cases for training abroad.
- North Eastern Cell (N.E. Cell) to deal with various issues pertaining to North Eastern States.
- Participation in various News Letters from different States.
- The matters relating to Forest International Cooperation (except for UNFC and APFC) shall be looked after by the Externally Aided Project Division in addition to existing works.

### **FOREST CONSERVATION DIVISION (FC)**

- Processing of all proposals received under Forest (Conservation) Act, 1980 for diversion of forest land for non-forest purposes in respect of all States/UTs.
- Issue of final orders under Section 2 of Forest (Conservation) Act, 1980.
- Petitions received from voluntary Organizations and miscellaneous organizations pertaining to Forest Conservation Act.
- Meetings/co-ordination with other Divisions/Ministries/Departments regarding Forest Conservation Act.
- Policy matters relating to Forest (Conservation) Act, 1980.
- Constitution of Advisory Committee and holding of Advisory Committee meetings.
- Complaints from general public and individuals pertaining to Forest Conservation Act.
- Delegation of powers to the Regional Chief Conservator of Forests to decide proposals involving forest and up to 5 hectares and processing of proposals involving forest land between 5 – 20 hectares by Regional Offices.
- Guidelines for diversion of forest land under the Forest (Conservation) Act, 1980 for various non-forest purposes.
- Court cases pertaining to implementation of Forest (Conservation) Act, 1980

### **FOREST ESTABLISHMENT DIVISION (FE)**

Establishment matters relating to the Indian Council of Forestry Research Education and Forest Survey of India, National Zoological Park, Wildlife Regional Offices, Indira Gandhi National Forest Academy/, Dte of Forest Education( DFE )/ State Forest Colleges namely:-

- Framing and amendment of Recruitment Rules in respect of Group ' A', 'B', 'C' and 'D' posts;
- Relaxation of Recruitment Rules in respect of Group 'C' and 'D'
- Appointment/ recruitment to Group' A' posts under the Flexible Complementing Scheme and through the UPSC.
- Assessment of Group' A' officers under the Flexible Complementary Scheme (FCS) of this Ministry;
- Representations of Staff/ Officers on service matter.

- Voluntary retirement and transfer of pensionary benefits in respect of employees of above organizations absorbed in Public Sector Undertakings (PSUs)/ autonomous organizations etc.
- Court cases pertaining to Establishment matters filed in CAT, High Court or Supreme Court.
- All matters pertaining to absorption of Officers/Staff in the service of Indian Council of Forestry Research and Education Society, Dehra Dun.
- Examination of agenda items pertaining to the establishment matters of Indian Council of Forestry Research and Education (ICFRE) in respect of Board of Governors' Meetings.
- Representations received from the employees of State Forest Departments and Other individuals (in relation to the functioning of State Forest Departments) in States.
- Forestry establishment matters relating to all the Union Territories (except Andaman & Nicobar Forest Plantation Development Corporation).
- Representations received from the employees of State/Union Territories Forest Departments and other individuals in relation to the functioning of State/ Union Territories Forest Departments.

## **FORESTRY INTERNATIONAL CO-OPERATION DIVISION (FIC)**

### **FOREST INTERNATIONAL COOPERATION**

#### **❖ Asia Pacific Forestry Commission (APFC)**

- National Focal Point
- Preparation of APFC Sessions
- Executive committee Meetings
- Preparation of Country Report
- Preparation of country views for negotiations
- Asia Pacific Forestry sector Outlook Study

#### **❖ United Nations Forum on Forests (UNFF)**

- National Focal Point
- Preparation of UNFF Sessions
- Preparation for country led Initiatives
- Preparation of Country Report
- Preparation of country views for negotiations



## ❖ **INTERNATIONAL ARRANGEMENT ON FORESTS FOR SUSTAINABLE DEVELOPMENT OF ALL TYPES OF FORESTS WORLD**

Actions to achieve following shared global objectives:

- Global Objective 1: Reverse the loss of forest cover worldwide through SFM, including protection, restoration, afforestation and reforestation, and increase efforts to prevent forest degradation;
- Global Objective 2: Enhance forest-based economic, social and environmental benefits, including by improving the livelihoods of forest dependent people;
- Global Objective 3: Increase significantly the area of protected forests worldwide and other areas of sustainably managed forests, as well as the proportion of forest products from sustainably managed forests; and
- Global Objective 4: Reverse the decline in ODA for SFM and mobilize significantly increased new and additional financial resources from all sources for the implementation of SFM.

## ❖ **BILATERAL COOPERATION**

- Preparation of MOU
- Organizing Meetings
- Coordination with various Ministries

## ❖ **FOOD AND AGRICULTURE ORGANIZATION**

### • **Committee of Forests**

- National focal Point
- Preparation of Country view for Meetings
- Preparation Country Report

## ❖ **Comments to various Divisions including IC division on forest related international issues**

### ❖ World Forestry Congress

### ❖ Asia Forest Partnership

### ❖ Global forest Assessment

### ❖ Processing of foreign deputation ,particularly on forest related matters

### ❖ Related Parliament questions and other related matters

### ❖ Any other work assigned by DGF&SS and ADGFC

## **NATIONAL FORESTRY ACTION PROGRAMME (NFAP)**

### ❖ Related Parliament questions and other related matters

### ❖ Exploring funding for Sustainable Forest Management (SFM)

### ❖ Any other work assigned by DGF&SS and ADGFC

## **FOREST POLICY CIVISION (FP)**

- National Forest Policy,
- Central Board of Forestry.
- Indian Forest Act,1927 (Including amendments also)
- Forest Conservation Act,1980 (Including Amendment)
- State Forest Policy
- Policies and legislations of other Central Ministries
- State Forest Acts/ Amendment of and other misc. Central Acts.
- National Forest Commission(NFC)
- Follow up and examination of the recommendations made by NFC
- Food and Agriculture Organisation(FAO)
- Organizing Meetings of Forest Ministers/Secretaries/PCCFs of the State Governments on issues related to Forests and wildlife
- Convener of Consultative Group for International Negotiations on forestry matters
- Tribal Welfare and related matters (Forestry aspect)
- Panchayati Raj Extension to scheduled areas Act,1996(PESA)
- ST and other traditional forest dwellers (Recognition of forest rights) Act, 2006 and Rules.
- Policy and Legal issues regarding Minor forest produce
- Policy aspects of JFM.
- Rationalization of Forest Policy
- Rationalization of felling and Transit regulation for trees grown on private land
- Preparation for the visit to various states by MEF,MOS, Secretary and DGF&SS
- World Forestry Day
- Coordination on behalf of DGF&SS and ADGFC
- Parliament Committees
- Parliament Questions and other related works with respect to Forest policy and Legislation
- Institutionalization of Sustainable forest Management.

## **FOREST PROTECTION DIVISION (FPD)**

- All Issues pertaining to Forest fire and other aspect of forest protection such as illicit felling encroachments etc.
- Issues related to Sandalwood.
- Implementation of the Centrally Sponsored 'Integrated Forest Protection Scheme'.
- Maintenance of Air Operation Wing till its closure.
- Joint Forest Management (JFM) programme through JFM Cell.
- Land Use Land Use Change & Forestry (LULUCF) under United Nations Framework Convention on Climate Change.

## **FOREST RESEARCH EDUCATION & TRAINING DIVISION (RT)**

- Administrative Control of Indian Council of Forestry Research and Education (ICFRE), Dehradun and its Institutes/Centers (Except Estt. Matters)
- Administrative matters relating to the Indira Gandhi National Forest Academy (IGNFA), Dehradun .
- Administrative matters relating to Directorate of Forest Education and the control of the Dte. Forest Education.
- Co-ordination with Agriculture Universities and other related Scientific/Technical Bodies.
- SFS and Rangers Training.
- Forestry Education.
- All matters relating to Indian Plywood Industries Research and Training Institute (IPIRTI), Bangalore.
- Externally aided Projects related to Research submitted by Experts/different Ministries.
- Research Project submitted by the Indian Council of Forestry Research and Education (ICFRE) and its Institutes including other organizations etc for funding by National /International organization.
- Foreign Collaboration, visits/study tours of foreigners, visit of IFS Officers abroad, their reports etc.
- Training of IFS Officers abroad under Colombo Plan & other approved Technical Co-operation Training Programmes.
- Training of foreigners India under different assistance programmes including ad-hoc Training requests.
- Exports/Import of Forestry seeds /seedling etc.
- Research on Forestry problems & other Technical references.
- In- Service Training of IFS Officers conducted by various Institutes.
- All matters relating to the Indian Institute of Forest Management, Bhopal.
- All Administrative matters relating to FSI.
- Management of Gregarious Flowering of Muli Bamboo in North-Eastern Regions
- National Bamboo Mission Programme.

## **HAZARDOUS SUBSTANCES MANAGEMENT DIVISION (HSMD)**

- Lays down procedures and safeguards for handling hazardous substances, hazardous chemicals, hazardous wastes and Solid Waste Management and accident prevention, preparedness and mitigation.
- Prepares and notifies rules on hazardous chemicals, hazardous waste and Solid Waste and monitors their implementation.
- Helps, create and sustain infrastructure in the States for implementation of all the rules gazetted under the Environmental (Protection) Act, 1986 on hazardous substances.
- Prepare and issue updated version of the Red Book - The Central Crisis Group Alert System (CCG).
- Prepares and publish the Red book- The CCG Alert System and guidelines on various issues connected with hazardous chemicals and wastes Management.
- Supports establishment of Emergency Response Centres (ERC), Poison Control Centre (PCC) in the States and helps build infrastructure of implementing authority.
- Prepares and implements schemes to asses' hazard potential of industrial pockets, off-site emergency plan and preparation and training of various categories of personnel in the area of accident prevention, chemical database and legislations.
- Initiates studies and supports conduct of inventorisaion of isolated storages of hazardous chemicals, pilot studies on segregation of waste etc.
- Supports setting up of common Hazardous Waste Disposal facilities in States.
- Help clean up contaminated sites to reduce risks to environment, people and natural resources.
- Adoption of environmentally sound practices in ship dismantling.
- Proper management of bio-medical waste, municipal solid waste, plastics wastes, lead acid batteries, waste oil, fly ash, etc.

## **IMPACT ASSESSMENT DIVISION (IA)**

- Environmental Appraisal of Projects as contained in Schedule-I of the Environment Impact Assessment (EIA) Notification, 1994.
- Environmental Appraisal of Projects under the provisions of Coastal Regulation Zone (CRZ) Notification, 1991.
- Monitoring of conditions stipulated while according environmental clearance to various projects for their effective compliance.
- Preparation and reviewing of Coastal Zone Management Plans and Strengthening of State Coastal Zone Management Authorities.
- Capacity Building for Environmental Impact Assessment of Projects and preparation / reviewing of guidelines in this regard.
- Identification of ecologically sensitive areas and notifying those areas for their effective Management and Conservation
- Policy matters relating to impact assessment and issuance of Gazette Notification for regulating developmental activities including location of industries in Eco-sensitive areas.
- Streamlining of procedures and guidelines for Environmental Impact Assessment.
- Evaluation of technical reports.
- Matters relating to Aqua-Culture Authority, Central Ground Water Authority, Dahanu Taluka Environment Protection Authority, Narmada Control Authority.
- Studies relating to carrying capacity, Integrated Coastal Zone Management Plan and other areas specific studies
- Conservation of heritage sites and building through regulations to ensure that these are not demolished encroached upon and affected by indiscriminate construction and pollution(IA-III)
- Work relating to interaction with Foreign Investment Promotion Board by JS(IA)
- The subject area relating to mining Environment being dealt with by Centre of Excellence i.e. Centre for Mining Environment (CME) at Dhanbad.
- Organising training Programme, workshops, seminars etc., in the field of Environment Impact Assessment.
- Matters relating to Island Development Authority(IDA)

## **INDIAN FOREST SERVICE DIVISION**

### **IFS- I Section**

- Recruitment of IFS officers on Central Deputation under Central Staffing Scheme of the Ministry.
- Appointment to IFS by promotion-select list recruitment in respect of AGMUT CADRE.
- Central Deputation under Central Staffing Scheme of DOPT drawing of panel for forwarding to DOPT.
- Deputation of IFS Officers outside the cadre like Corporations under Central Government, other foreign bodies.
- Payment of dues under CGEGIS on retirement.
- Provident Fund withdrawals of the officers on Central deputation.
- Earned Leave sanction of IFS officers in the Ministry, Regional Offices and subordinate offices of the Ministry.
- Cadre clearance for various trainings / workshops/ seminars abroad.
- Cadre Management, transfers in different constituents of AGMUT, promotions and all other establishment matters not delegated to constituent units, States/UTs.
- Memorials relating to adverse entries in the ACRs.
- Communication of adverse remarks in the ACRs of the officers on Central deputation/ on deputation to autonomous organization of Govt. of India.
- Fixation of pay of the officers on Central deputation/ AGMUT cadre.
- Extension of deputation tenure.
- Commercial employment of retired IFS officers.
- Settlement of post-retirement benefits.
- Inter-cadre transfers of IFS officers.
- Inter-cadre deputation of IFS officers.
- IFS Association, IFS Registered Association & State Forest Service Officers Associations.
- Confirmation of Direct Recruit and SFS officers on appointment by promotion of AGMUT CADRE OFFICERS.
- Fixation of seniority (Promoted Officers)
- Settlement of Medical- Reimbursement claim of Officers on Central Deputation.
- Counting of military services towards pension in case of IFS officers.
- Cat cases connected with settlement of post-retirement benefits of IFS pensioners.
- Cat cases connected with adverse remarks/Memorials/ super cession in
- Promotions OF AGMUT CADRE OFFICERS.

- Cat cases connected with settlement of dues under CGE Insurance Scheme of IFS pensioners.
- Review of cases under Rules 16(3) of AIS (Death cum retirement Benefit
- (DCRB) Rules for compulsory Retirement on attaining the age of 50 years/30 years of qualifying service.
- Issue of amendment to the Study Leave Regulations.
- Cases of Resignation from IFS.
- Study leave within India to Officers on Central Deputation/Study Leave Abroad to the Officers belongs to any State Cadre.

## **IFS-II SECTION**

- Appointments of IFS officers through UPSC-Reporting of vacancies, finalization of rules.
- Cadre Review of all cadres except AGMUT.
- Cadre allocation to IFS probationers.
- Temporary additions to the cadre.
- Processing of amendments to IFS Rules/Regulations.
- Acceptance of resignation of IFS officers.
- Co-coordinating the selection Committee meetings held by UPSC.
- Conveying the comments of the ministry of the central Government on the Minutes prepared by the Selection Committee.
- Appointments by promotion of SFS officers *into* Indian Forest Service.
- Seniority/determination of year of allotment of promotee IFS officers except AGMUT Cadre.
- All other Cadre management/policy matters relating to IFS.
- Fixation of pay of officers of the State Government (excluding central Deputation) referred to Government of India.
- All misc. matters relating to IFS officers like change of name, birth etc.
- Publication of civil list of IFS officers.
- Conveying the comments of the Ministry on Selection Committee minutes.
- Promotion of SFS officers into Indian Forest Service.
- Court Cases connected with matters handled by IFS -II Division.
- All other Cadre management/policy matters relating to IFS.
- Fixation of pay of officers of the State Governments referred to Government of India ( G.O.I).
- Commercial employment of retired IFS Officers including framing of rules and general policy in this matter.
- Handling of all parliamentary matters relating to IFS.
- Handling of Disciplinary cases of IFS.



## **BUDGET & ACCOUNTS SECTION (B&A)**

- Scrutiny of Budget Proposals (Both Plan as well as Non-Plan).
- Preparation of statement of Budget Estimates Depicting Revised Estimates (Plan as well as Non Plan) for current year and Budget Estimates (Non-Plan only) for the next financial year.
- As a follow-up to receipt of Plan figures from the Planning Commission preparation of statement of final Budget Estimates showing RE (Plan and Non-plan) for current year and BE(Plan & Non-Plan) for next financial year.
- Interaction with PC Division regarding Plan Budget.
- Scrutiny of proposals for inclusion in batch-I,II and III of the Supplementary Demand for Grants.
- Preparation and subsequent follow-up action on the Supplementary Demands for Grants of the Ministry of Environment & Forests.
- Processing of re-appropriation proposals within the Powers of Ministry.
- Processing of re-appropriation proposals beyond the Powers of Ministry.
- Preparation and printing of Demands for Grants.
- Submission of Action Taken Note's (ATN's )on Comptroller & Auditor General's (CAG's) paras/ Drafts Audit paras to Audit/ Monitoring Cell of the Ministry of Finance/ Public Accounts Committee(PAC.)
- Scrutiny and allocation of funds under loans to Government Servants.
- Issue of corrigendum to the Detailed Demand for Grants etc with the approval of Controller General of Accounts CGA/ Ministry of Finance and other misc. Budget related matters.
- Opening of new Head of Accounts with the approval of Ministry of Finance (Budget Division) and O/o CGA.

## **CASH SECTION**

- Drawl of Bills of Pay & Allowances, D.A.& Bonus.
- Preparation of medical and tuition fee claims after receipt of sanctions.
- Preparation of T.A.& L.T.C.claims of officials & non-officials members, Non-Government Organizations' (N.G.O.s) and carrying out their adjustments.
- Drawl of Bills of Long Term & Short Term advances (Festival, Cycle, Fan, House Building Advance (H.B.A)., Motor Car Advance (MCA) & Scooter).
- Assessment of Income-Tax of officers of the Ministry (Proper) and submission of Income-Tax Return to I.T.O...
- Preparation of Overtime Allowance (O.T.A). Bills and Conveyance Bills, Night Duty Allowances.
- Preparation of contingent bills.
- Maintenance and updating of General Provident Fund (G.P.F.) accounts.
- Preparation of bills of G.P.F. Advance, withdrawal of the staff.
- Taking out periodical expenditure statement.
- Submission of bills to the Pay & Accounts Office (P.A.O).
- Preparation of bills relating to Grants-in-aid etc.
- Disbursement of salary and other Allowances.

## **INTEGRATED FINANCE SECTION (IF)**

- Scrutiny of all types of proposals relating to:-
- Ecology and Environment Schemes involving financial implications; release of funds, grants-in-aid.
- Sanction of new projects, Schemes including examination & processing of cases of clearance from Standing Finance Committee (SFC), Expenditure Finance Committee (EFC), and Cabinet Committee on Economic Affairs (CCEA.)
- Delegation of Financial Powers.
- Deputation, Delegation Abroad.
- Creation, continuation of posts etc.
- Examination of cases involving interpretation of rules from financial angle and reference to the Ministry of Finance, Department of Personnel & Training.
- Interaction with the Ministry of Finance/DoPT.

## **INTERNATIONAL CO-OPERATION & SUSTAINABLE DEVELOPMENT DIVISION (IC& SD)**

### **IC & SD-I Section:**

- All matters relating to United Nations Environment Programme.
- Matters relating to Commission on Sustainable Development, Agenda 21, World Summit on Sustainable Development and sustainable development issues
- All matters relating to Global Environment Facility(GEF)
- Global Environmental Issues including linkages between various International environment conventions, Parliamentarian Conferences, participation in international conferences/ seminars, etc.
- All matters relating to United Nations Development Programme (UNDP) and Government of India-UNDP-Country Co-operation Frame-Work(CCF) programme
- National Environment Council SO (IC.I) will report directly to Director in respect of item 4 and in respect of others through US(IC) to Dir.

## **INTERNATIONAL CO-OPERATION & SUSTAINABLE DEVELOPMENT DIVISION-II (IC& SD-II)**

- Bilateral cooperation and follow-up of agreements with various countries
- Matters relating to India-Canada Environment Facility
- Project proposals for bilateral and multilateral funding (except Global Environment Facility (GEF) & UNDP) and Coordination Committee on Externally Aided project.
- UNDP/GEF Small Grants Programme
- Matters relating to International organizations such as World Bank, United Nations Industrial Development Organization (UNIDO), World Health Organization (WHO), Food & Agriculture Organization (FAO), United Nations Education, Scientific & Cultural Organization (UNESCO), Asian Development Bank (ADB) etc. excluding GEF.
- Matters relating to South Asian Association & Regional Co-operation (SAARC), Economic & Social Commission for Asia and the Pacific (ESCAP), South Asia Co-operative Environment Programme (SACEP) and other regional bodies
- Matters relating to Training abroad in the field of environment
- General Coordination in IC Division, matters relating foreign visits of officials of State Govt. and other misc. references from various Ministries/divisions.
- Matters pertaining to freshwater issues.

### **Desertification Cell**

All matters relating to desert and desertification including U.N. Convention to Combat Desertification.

## **IMPLEMENTATION OF THE MONTREAL PROTOCOL IN INDIA OZONE CELL**

- The MOEF has set up to function as a National Unit to look after and to render necessary services to implement the Montreal Protocol and its Ozone Depleting Substances (ODS) phase out programme in India.
- Empowered Steering Committee Chaired by the Secretary (E & F) which is responsible for the implementation of the Montreal Protocol provisions, review of Various policy and implementation options, project approvals and project Monitoring.
- Customs and Excise duty exemptions on goods required for ODS phase out projects and new investment with none ODS technology.
- Public awareness campaign has been launched for publicizing the ODS Phase out Programme.
- Notification/ Amendments of The Ozone Depleting Substances (Regulation and Control) Rule 2000 under the Environment Protection Act
- Preparation of projects for conversion to none ODS technology in various sectors.
- Reporting of data on production, export, import and feedstock use of ODS to Ozone Secretariat.
- Activities of Ozone Cell are to ensure compliance with the Montreal Protocol such as :
  - \* National Chiller Sector Strategy
  - \* RAC Service Sector Strategy
  - \* Policy and Customs Training Strategy.
  - \* National Media Campaign for Awareness
  - \* Process Agent Sector Strategy
  - \* Country Programme Update
  - \* Solvent Sector Strategy
  - \* Terminal Phase out Projects for Foam/commercial refrigeration/ aerosol sector.

### **PLAN CO-ORDINATION DIVISION (PC)**

- Preparation of Five Year / Annual Plan / Annual Action Plan of the Ministry.
- Background Note for the Parliamentary Standing Committee on Demand for Monthly Summary for the Cabinet on the important activities of the Ministry.
- Half Yearly Review of Plan Expenditure by Planning Commission
- Half Yearly Progress Report on Point No. 52 & 53 of the 20 Point Programme to the Department of Programme Implementation.
- Preparation of Outcome Budget of the Ministry
- Review of Monthly Expenditure / Preparation of Statement and presentation on Scheme-wise Expenditure on month-to-month basis for the Senior Officer Meeting.
- Review of Annual Action Plan by Secretary (E&F).
- Coordination of the environmentally friendly proposals/schemes relating to fiscal incentives.
- Coordination of Plan discussions in Planning Commission.
- Export Promotion Cell.
- Matters relating to State Plans.
- Coordination on Plan Schemes matters.
- Women Cell and matters relating to National Commission for Women.
- Budget allocation for various Centres of Excellences (including the new Centre of Excellence).
- Coordination of the Expenditure figures for various schemes as and when required.
- Standing Committee on the Time and Cost over run of Projects.
- Trade & Environment
- Economic Cell

## **INFORMATION TECHNOLOGY DIVISION (IT)**

- Software development/ system, planning, design and development. Algorithem, design, search algorithms.
- Development of Computerised data bases on environment.
- Data Processing, data management, analysis and presentation.
- Turning raw data into real information.
- Data Processing support to the vicious activities of the Ministry.
- Organisation of training programme for various officers/staff of the Ministry.
- Monitoring of Very Important References for Secretary (E&F)
- E-mail facilities to the Divisions.
- Planning **and** Supervising, operation and utilisation of Computer resources.
- Examination & finalization of Technical specification/ Procurement of IT Hardware/ Software.
- Finalisation of Technical Specification/ Procurement of IT Hardware/ Software.
- Imparting Technical support to various Scientists/ Officers of the Ministry for automation through Micro-processors.

## **POLICY AND LAW DIVISION (P&L)**

### **Environmental Laws:**

This Division is dealing with only Legislative work pertaining to all Environmental Laws administered by this Ministry particularly following:-

- a) Water (Prevention and Control of Pollution) Act, 1974
  - b) Air (Prevention & Control of Pollution Act (P&CP) Act 1981
  - c) Environment (Protection) Act, 1986
  - d) Water Cess (Prevention and Control of Pollution) Act, 1977
  - e) Public Liability Insurance Act, 1991
  - f) The National Environment Appellate Authority Act, 1997
- Comprehensive National Environment Policy
  - Review of existing legislation
  - Furnishing comments on draft bills received from various Ministries
  - Follow up action on the instructions received from Ministry of Law & Justice
  - Operationalisation of National Environment Tribunal Act, 1995
  - Coordination of Court cases filed by State pollution Control Boards with regard to Water, Air and Environment (Protection) Acts
  - Promoting co-operation between Member Countries of the SAARC and SACEP in the field of Environment Policy, Law and Legislation
  - Training of Officers of State Pollution Control Boards and State Governments in Environment Policy, Law and Regulations.
  - Environmental consciousness among consumers (ECO Mark Scheme)
  - Trade and Environment
  - Handling of World Bank aided projects:-
    - a) World Bank Environmental Management Capacity Building Technical Assistance Project (Law Component)
    - b) World Bank Industrial Pollution Prevention Project
  - Pollution Prevention Project.
  - File work relating to climate change cell.



## **POLLUTION CONTROL DIVISION (CP)**

- Matters connected with Central Pollution Control Board (CPCB).
- Administrative issues Appointment of Chairman, Member Secretary and Members & Training Programme on Overseas Development Agency(O.D.A)/World Health Organisation( W.H.O.) & Grants-in-aid, Exemption from customs duty, excise duty.
- Litigation, court cases on matters relating to Air Acts, Water Act, Environment Protection Act and their rules etc.
- Bilateral Programmes/ Projects on pollution control with Federal Republic of Germany (F.R.G.), European Economic Commission (E.E.C)., Norway, Sweden, Netherland , Denmark and other countries.
- Reimbursement of Cess proceeds to State Pollution Control Boards, and Union Territories Pollution Control Committees.
- Financial Assistance to State Board/State Govts./Uts P.C.Boards
- Matters relating to complaints of air and environmental pollution.
- Administration of Air (prevention and Control of Pollution) Act, 1981, Water (Prevention and Control of Pollution) Act, 1974, Environment (Protection) Act, 1986.
- Financial assistance to States for procurement of scientific equipment related with pollution control activities.
- Complaints from public relating to pollution.
- Monitoring & Survey of 17 highly polluting Sector and 22 critically polluted areas.
- Administrative and Financial matters relating to Shri Bhure Lal Environment Pollution (Prevention and Control) Authority for the National Capital Region.
- Administrative and Financial matters relating to National Environment Appellate Authority (N.E.A.A).
- Tamil Nadu Authority.
- Analysis of environmental statement received from the State Pollution Control boards.
- Preparation and issue of a booklet, titled 'Environmental Statement'.
- Noise pollution control including formulation of standards.
- Matters relating to Vehicular Pollution.
- Parliament Questions & Standing Committee of Parliament.
- Water Pollution including Marine Pollution.
- Matters relating to Green Belt.
- Environmental Epidemiological Studies.
- Waste Minimisation Programmes.
- Environmental Management System.

- National Award for prevention of pollution.
- Pollution Control in Agra-Mathura Trapezium.
- Taj observatory project.
- Formulation and review of emission standards for industries, automobiles etc. Including standards for and water quality.
- World Bank project on Capacity Building which includes the schemes like
  - (i) Zoning Atlas
  - (ii) Air Quality Monitoring
  - (iii) Standards for Industries.
- Recognition of Private Laboratories under Environment Protection Act.
- Coastal Pollution Monitoring.
- Adoption of Clean Technology in Small Scale industries (SSI).
- Preparation of Environment Action Plans for specific areas.
- Air and water Quality Monitoring and surveillance programme.
- All matters relating to pollution of river which are not covered under the National River Conservation Programme (NRCP).
- Matters relating to Env. Health Cell (including WHO Programme Common Effluent Treatment (CETP)
- Matters relating to Custom Duty Exemption.
- Matters relating to Industrial Abatement through preventive strategies/ Court cases/ litigation related to this subject.
- Matters relating to Urban Environment and handling of court cases on this subject.
- Procurement of equipment from State Pollution Control Boards (SPCBs) under Industrial Pollution Prevention Project (IPP) Project.-Coal Beneficiation.

## **PUBLIC GRIEVANCES REDRESSAL CELL (PGRC) (Under Admn.Division)**

- To receive the grievances of the public for further transmission to the concerned officers/sections in the Ministry, mainly concerning:-  
Environment Pollution.  
Encroaching/Degradation of Forests/illegal cutting of trees/mining etc Pensionery /retirement benefits of IFS Officers/Scientists etc. Service matters of staff of the Ministry and its Attached and Subordinate Offices.
- Monitoring of the progress of disposal of public grievances by various Divisions of the Ministry.
- Furnishing periodic returns to Department of Administrative Reforms and Public Grievances (DAR&PG) regarding the public grievances received and disposed of.
- Correspondence with Department of Pension & Pensioner's Welfare, Cabinet Secretariat etc. regarding the complaints referred by those
- Departments.
- Dealing with the instructions issued by Department of Administrative Reforms and Public Grievances (DAR&PG) in matters relating to the Public Grievances.
- Preparation of material for Annual Report.

## **PROJECT ELEPHANT DIVISION (PE)**

- Processing of proposals from the State Governments regarding release of funds of the Centrally Sponsored Scheme "**Project Elephant**"
- Administrative matters (including policy matters) concerning Elephant Reserves in the country. It also includes the consideration of the proposals from the State Governments for inclusion of new areas as Elephant Reserves.
- Constitution and convening of the meetings of the Steering Committee of the Project Elephant and the implementation of recommendations thereof.
- Periodical meetings of the Field Co-ordinators of the elephant reserves and of the Chief Wildlife Wardens of the Elephant States.
- National/International conference/ workshops/ symposia on matters concerning Elephant and Elephant Reserves.
- Elephant poaching and offence cases in the country including the Elephant reserve areas.
- Elephant census in the country.

## RESEARCH AND ECO- REGENERATION

### Research in Environment (RE) Division

#### **A) *Research and Development:***

##### **Introduction and Objective**

Ministry of Environment & Forests has been funding research in multi-disciplinary aspects for environmental and ecosystems protection, conservation and management at various universities, institutions of higher learning, national research institutes and non-governmental organizations in identified thrust areas under its Research & Development (R&D) Programme. The Research & Development Scheme of the Ministry is a Central Plan Scheme for supporting research in environment since 1985. The objectives of the scheme are to generate information required to develop strategies, technologies and methodologies for better environmental management. It also aims at attempting solutions to the practical problems of resource management, conservation of natural resources and eco-regeneration of degraded areas. Further, the scheme also aims at strengthening infrastructure to facilitate research and scientific manpower development.

The environmental research in RE Division of Ministry is being supported under various sub schemes as given below:-

1. Environment Research Programme (ERP) - Brown Agenda
2. Ecosystem Research Scheme (ERS) - Green Agenda
3. Research Programme for Eastern and Western Ghats Location Specific
4. Pitambar Pant National Environment Fellowship Award
5. B.P. Pal National Environment Fellowship Award for Bio-diversity

##### **New Guidelines:**

During the year 2006-07 Ministry brought out new guidelines for supporting research clearly indicating the order of priority and broad research themes to be supported. Research projects are to be supported in the identified thrust areas in the following 3 modes:-

- i. Suomoto proposals, which can be submitted at any time of the year.
- ii. Competitive invited proposals to be submitted when called for depending upon the specific needs of policy making including information required for international negotiations and implementation of plan schemes. Selection among the proposals received in response is made competitively on the basis of technical soundness.
- iii. Non-competitive commissioned proposals to be invited directly from one or a network of research institutes depending on the specific needs of policy making etc.

Thematic Expert Groups have been setup to examine and recommend research proposals for funding by the Ministry.

During the year, Six Thematic Expert Groups have been constituted by merging various research funding programmes of the Ministry. The six thematic groups are:-

### **I. Prevention, Abatement and Control of Pollution**

-Schemes/ Programmes to be covered:

- a) Environment Research
- b) National River Conservation
- c) Climate Change/Clean Technologies

### **II. Conservation and Sustainable Utilisation of Natural Resources**

-Schemes/Programmes to be covered:

- A.
  - a) Eco-System Research
  - b) Eastern & Western Ghats
  - c) Man & Bio-sphere reserves
- B.
  - d) Mangroves and Coral Reefs
  - e) Wet Lands
  - f) Biodiversity Conservation

### **III. Conservation and Management of Wildlife & Animal Welfare**

-Schemes/Programmes to be covered:

- a) Wildlife Conservation
- b) Animal Welfare

### **IV Natural Resource Management using spatial technology**

-Schemes/Programmes to be covered:

- a) National Natural Resource Management System(NNRMS)

### **V. Socio-economic & Environmental Issues**

Though no specific programme will be covered under this thematic group, the group would consider all proposals related to the following topics: -

- a) Cost Benefit Analysis
- b) Socio-economic Issues
- c) Other miscellaneous issues

The terms of reference of the Thematic Peer Groups inter-alia are:

- To determine whether the proposals fall under the identified thrust areas of the Ministry and generally meet expectations of Technical Competence of the research team, completeness, and may result in useful research outputs which is potentially publishable in a peer reviewed publication of standing.

- To identify a minimum of three & maximum of five Expert Peer reviewers, having expertise in the specific research topic to whom the research proposal, as well as the proposed level of effort (“person-months”) may be sent for evaluation.
- To evaluate research proposals considering the reviews received from the Expert Peer Reviewers in each case and determine whether or not the technical proposals may be accepted and to indicate whether the proposed level of effort (“person-months”) and equipment / infrastructure to be created by the project are reasonable and necessary.
- To evaluate Final Technical Reports (FTR).

## **Programme wise Activities**

### **Environment Research Programme (ERP)**

Under the Thematic Group ‘**Prevention, Abatement and Control of Pollution**’, 3 Programmes / Schemes are covered namely i) Environment Research ii) National River Conservation and iii) Climate Change / Clean Technologies.

Environment Research Programme (ERP) deals with problems related to pollution and development of suitable cost effective technologies for abatement of pollution. Emphasis is laid on development of eco-friendly biological and other interventions for prevention, abatement of pollution and development of strategies, technologies and instruments etc. for control of pollution. Projects are also encouraged for development of biodegradable plastics, to carryout epidemiological studies, strategies to reduce impact of mining, chemical pollution of soils, and hazardous substances including pesticides, heavy metals etc. Projects related to waste recycling and resource recovery from waste along with the development of eco-friendly and cleaner technologies are given priority. The projects are supported in the identified thrust area of environment research.

Other two programme of the Thematic Group ‘**Prevention, Abatement and Control of Pollution**’ are handled by other concerned divisions of the Ministry.

### **Ecosystem Research Scheme (ERS)**

Under the Thematic Area “**Conservation and Sustainable Utilisation of Natural Resources**” there are two Expert Groups viz. Expert Group A. i) Eco-System Research ii) Eastern & Western Ghats iii) Man & Bio-sphere reserves and Expert Group B. i) Mangroves and Coral Reefs ii) Wet Lands iii) Biodiversity Conservation

Ecosystem Research Scheme is an inter-disciplinary programme of research which emphasizes ecological approach for studying the relationship between man and environment. The objective of the programme is to develop a basis within the field of natural and social sciences for rational use and conservation of resources for general

improvement of the relationship between man and his environment. The programme seeks to provide a scientific basis to solve the practical problems of resource management. The programme also seeks to provide a scientific knowledge and trained personnel needed to manage the natural resources in a rational and sustainable manner. Ecosystem studies become even more important as the Earth's environmental ecosystems are increasingly being affected at all levels. Ecological understanding and research in this area offer tangible hope for addressing extremely complex and potentially devastating assaults on local, regional and global ecosystems. Under the scheme, emphasis is laid on multi-disciplinary aspects of environmental conservation with emphasis on eco-system approach consistent with the identified thrust areas and orientation.

### **Eastern and Western Ghats Research Programme (E&WGRP)**

The Eastern and Western Ghats Research Programme addresses itself to location-specific problems of resource management in the Eastern and Western Ghats regions of the country. The region is suffering from destruction of habitats of its unique plant and animal life due to floods, siltation, deforestation etc. besides shortage of food, fodder and fuel for rural population and shortage of raw material for the industries. Under this programme, studies relating to Bio-diversity, land use, impact of developmental activities are taken up to restore the environmental quality of the region.

Other programme of the Thematic Group "**Conservation and Sustainable Utilisation of Natural Resources**" i) Man & Bio-sphere reserves ii) Mangroves and Coral Reefs iii) Wet Lands iv) Biodiversity Conservation are handled by other concerned divisions of the Ministry.

### **New Thematic Group- 'Economic & Social Issues':**

During the year Ministry has constituted new Thematic Group- 'Economic & Social Issues'. Though no specific programme will be covered under this thematic group, the group would consider all proposals related to Cost Benefit Analysis, Socio-economic issues and other miscellaneous issues.

### **Pitamber Pant National Environment Fellowship**

Pitamber Pant National Environment Fellowship instituted in 1978 is awarded every year to encourage and recognize excellence in any branch of research related to the environmental sciences. The fellowship is awarded every year and is in recognition of significant important research/development contributions and is also intended to encourage talented individuals to devote themselves to R&D pursuits in the field of environmental sciences. The duration of the fellowship is two years. So far, 27 fellowship Awards have been given to various Scientists throughout the country. The guidelines & norms for award of fellowship were revised; restricting the age of the applicant to 60 years. The application should also be supported at least by two Fellows of the National Academy of Science/Engineering/Agriculture.

## **B.P.Pal National Environment Fellowship for Biodiversity**

B.P.Pal National Environment Fellowship Award for Bio-diversity was instituted during 1993 and is awarded annually with a view to further develop, deepen and strengthen the expertise on Bio-diversity available in the country.

The fellowship is in recognition of significant important research and development contributions and is also intended to encourage talented individual to devote themselves whole-time to R&D pursuits in the field of Bio-diversity. Duration of the fellowship is two years. So far, 10 Fellowships have been awarded to various scientists throughout the country. The guidelines & norms for award of fellowship were revised, restricting the age of applicants to 60 years. The application should be supported at least by two Fellows of the National Academy of Science / Engineering / Agriculture.

## **B) National Natural Resource Management System (NNRMS):**

### **Brief Introduction and Objective:**

The Scheme of National Natural Resource Management System (NNRMS) involves utilization of remote sensing technology for accurate inventory of resources such as land, water, forests, minerals, oceans, etc. and to utilize this information for monitoring changes in ecological system. A Standing Committee on Bio-resources and Environment (SC-B) has been constituted by the Planning Commission under the Chairmanship of Secy. (E&F) with the following objectives:

- Optimal utilization of country's natural resources by a proper and systematic inventory of resource availability.
- Reducing regional imbalances by effective planning and in tune with the environmental efforts
- Maintaining the ecological balance with a view to evolve and implement the environmental guidelines.

The Standing Committee on Bio-resources and Environment (SC-B) constituted by the Planning Commission advises on the methods of using the remote sensing technology for optimal use and management of natural resources in the country. In order to streamline the projects, the SC-B has constituted a Technical & Financial Sub-Committee to scrutinize/review all the proposals submitted for funding under NNRMS SC-B from the technical and financial angle. Only those proposals recommended by the Technical and Financial Sub-Committee are taken up by NNRMS SC-B for approval. The Committee also oversees and monitors the progress of sanctioned projects.



## **REGIONAL OFFICES HEAD QUARTER DIVISION (RO (HQ))**

Regional Office (HQ) "Strengthening of Forest Division", Ministry of Environment and Forests facilitates clearance of proposals for diversion of forest land upto 40ha. for non-forestry purposes through its Regional Offices located at six places namely Bhubaneswar, Bangalore, Bhopal Lucknow, Shillong and Chandigarh. There is a unit called Regional Office (HQ) located in the Ministry of Environment and Forests, New Delhi. The primary functions of the Regional Offices of the Ministry are to monitor and evaluate the ongoing forestry project and schemes with specific emphasis on conservation of forests and follow up action on the implementation of conditions and safeguards laid down by the Ministry while granting clearance to development projects under FCA/EPA. The Regional Chief Conservator of Forests are empowered to recommend cases for diversion of forest land for non-forestry purposes except for mining and regularization of encroachment upto the extent of 40 ha., in consultation with the State Advisory Group(SAG).

RO(HQ) deals with the administration work of six Regional Offices. RO(HQ) conducts DPC for promotion of Group B,C and D official of all the ROs under the control of RO(HQ). RO(HQ) is also entrusted with the job of "Approval of Working Plan" of various forest division of all the states, preparing of fresh Recruitment Rules, Budget Work/ Formulation of yearly Annual Plan/VIP reference etc.

## **SURVEY & UTILISATION DIVISION (SU)**

- Monitoring of physical and financial targets of the forestry schemes of all the Union Territories.
- Overseeing the functioning of all Forest Development Corporations.
- Wood substitution in conformity with the National Forest Policy.
- Follow up action of recommendation of Policy Advisory Group of Fuel Wood conservation.
- International Organisations like International Tropical Timber Organisation, International Labour Organisations, Trade Policy and labour welfare.
- Formulation of guidelines of international/domestic trade in forest produce and regulation of export & import of forest produce as per the Export and Import (EXIM) policy
- Minor forest produce.
- Collection and compilation of forestry statistics based on reports received from the various State Forest Departments.
- Plantation of valuable species like sandal wood , seed Sanders etc.
- Monitoring of physical targets and financial targets of the forestry schemes of all the Union Territories.
- Processing of Standing Finance Committee(SFC)/Expenditure Finance Committee (EFC) memoranda on forestry schemes administered and implemented by the union Territories.
- Supply of Raw Materials to Industries.
- All matters relating to Andaman and Nicobar Islands Forest Plantation Corporation.
- Plantation of all other valuable spiced like Teak wood, etc.
- Handling of court cases in respect of above subjects in Writ Petition (Civil) No.202/1995 and 171/1996 in Supreme Court and Central Empowered Committee.
- Review of production & disposal of timber in the country.
- Granting of permission to extract timber to wood based industries in A&N Islands.
- Establishment of palm oil Plantation & processing mill, Fresh fruit bundles.
- Forest Development Corporations.
- Forestry trade tariff and related issues for Bilateral/Multilateral Trade Negotiations.
- National Forestry Database Management System (NFDMS)
- Sustainable Forest Management Cell
- Statistical Cell
- Forest Certification

## **WILDLIFE DIVISION (WL)**

- National Board for Wildlife and Standing Committee
- Implementation of National Wildlife Action Plan
- State Wildlife Advisory Boards
- Wildlife (Protection) Act and other Legislative work relating to wildlife
- Export – Import Policy, relating to Wildlife
- Centrally Sponsored Scheme “Development of National Parks and Sanctuaries”
- Strengthening of Wildlife Division and Consultancies for Special Tasks
- Scrutiny of proposals for filming wildlife
- Wildlife Crime
- Regional Offices of Deputy Director, Wildlife Preservation
- Management of National Parks and Sanctuaries
- International Conventions related to Wildlife
- Convention on Migratory Species
- International Whaling Commission
- International Union for Conservation of Nature and Natural Resources (IUCN)
- World Heritage Convention (Natural Sites)
- Convention on International Trade in Endangered Species
- Budget, audit, co-ordination with PC Division
- Wildlife week
- Wildlife Research.
- Awareness programme & workshop on conservation of wildlife
- Inter-Departmental Co-ordination with Army, BSF, Coast Guards, Revenue Intelligence Customs, Botanical Survey of India (BSI), Zoological Survey of India and State and Central Police Organizations
- Kailash Sankhla Fellowship Award for research work on mammals
- Dr. Salim Ali Wildlife Fellowship Award for research work on avian fauna
- Rajiv Gandhi Wildlife Conservation Award
- Technical inputs to various Divisions on Biosphere Reserves Wetlands, Forest Conservation Act (FC) Act-related to wildlife protected areas and species
- Administrative matters of National Zoological Park, New Delhi including Budget/Financial Matters
- Autonomous Organisation – Release of Grants and Administrative Matters
- Wildlife Institute of India
- Central Zoo Authority

## **VIII Brief write-up on Subordinate offices under the Ministry of Environment and Forests:**

The Ministry of Environment and Forests has the following subordinate offices:

- a) Botanical Survey of India ;
- b) Zoological Survey of India;
- c) National Museum of Natural History ;
- d) Indira Gandhi National Forest Academy ;
- e) Directorate of Forest Education (State Forest Colleges & Rangers Colleges);
- f) Forest Survey of India ;
- g) National Zoological Park ;
- h) Regional Offices of the Ministry.
- i) Wildlife Crime Control Bureau:

### **(a) Botanical Survey of India:**

The Botanical Survey of India (BSI) was established in 1890 with the objectives of surveying and identifying the plant resources of the country. The Survey has its Headquarters at Kolkata, and 11 circles located in different photo-geographical regions of the country. In addition, it has 4 units, viz. Central National Herbarium, Central Botanical Laboratory, Indian Botanic Garden in Howrah and Industrial Section Indian Museum in Kolkata.

### **(b) Zoological Survey of India:**

The Zoological Survey of India (ZSI) was established in 1916 with the main objective of carrying out baseline surveys, inventorisation, identification, indexing, cataloging, maintenance, upkeep of fauna and publication of faunal resources of the country, environmental impact assessments, habitat explorations, conservation and to promote awareness issues through participation in national and international advisory programmes and to build regional capacity projects. The head quarters of the organization is located at Kolkata and 16 regional and field stations are located in different parts of the country such as Shillong, Pune, Dehradun, Jodhpur, Chennai, Jabalpur, Solan, Patna, Itanagar, Canning, Digha, Berhampur, Kozikode, Hyderabad, Port Blair and Calicut

### **(c) National Museum of Natural History:**

The National Museum of Natural History (NMNH) was established in 1978 to promote non-formal environmental education and to create conservation awareness among the people. The museum has several exhibit galleries that deal with biological diversity, ecology and conservation, a Discovery Room for Children, an Activity Room for preschoolers, a Bio-science computer room for high school students and a Mobile museum for outreach activities, all aimed at promoting environmental education among various target groups. The museum conducts a number of educational activities all the year round including the organisation of temporary exhibitions on themes relevant to Environmental, Ecology and Conservation. There are three RNMNH at Mysore, Bhubaneswar and Bhopal under NMNH.

### **(d) Indira Gandhi National Forest Academy (IGNFA)**

Indira Gandhi National Forest Academy was created on 25th May 1987 by upgrading the Indian Forest College at Dehradun and de-linking it from the Forest Research Institute. The Academy is responsible for Training of Indian Forest Service Probationers. The Training is spread over a period 3 years. Besides the said training courses for IFS probationers, the Academy also conducts various short duration courses for IFS Officers and research scientists.

### **(e) Directorate of Forest Education (State Forest Colleges & Rangers Colleges )**

1. Two years Diploma course in Forestry for SFS Officers to be continued.
2. Two week General Refresher Course for in Service ACF/SFS Officers to be continued.
3. Theme Based Course Two weeks duration for in- service ACF/SFS Officers to be continued
  - a) Computer Applications in Forestry(Basic)
  - b) Computer Applications in Forestry(Advance)
  - c) Joint Forest Management & Sustainable Rural Development
  - d) Project Formulation & Evaluation
4. Training –cum-Workshop (5 days duration) to be continued.
  - a) Policy Legal Issues and International Conventions
  - b) Biodiversity Conservation
  - c) Climate Change
  - d) Training of Trainers

5. Eighteen Months Certificate Course in Forestry for Range Officers to be continued
6. Two weeks General Refresher Course for in-service Forest Range Officers.
7. Short-term Refresher Course for frontline staff of the State of the State Forest Departments (for UT of Delhi and ICFRE) to be continued.
8. Six weeks promotion Linked course for SFS Officers promoted from Range Officers( At SFS College, Dehradun and Coimbatore.
9. Short term Refresher Course for the Frontline Staff of the State Forest Department at FTI's run by State Govt.

**(f) Forest Survey of India: (FSI)**

Forest Survey of India (FSI) is a premier national Organization under the Ministry of Environment and Forests, Government of India and is mandated to assess the forest resource of the country on a regular basis, which includes forest & tree cover, growing stock of wood etc. Besides, it is also engaged in capacity building of the State Forest Departments (SFDs) in the use of modern survey techniques (Remote Sensing, GIS & GPS) through regular short term training courses and assist SFDs technically in solving related issues. Established on June 1, 1981, the Forest Survey of India succeeded the "Preinvestment Survey of Forest Resource "(PISFR), a project initiated in 1965 by Government of India with the sponsorship of FAO and UNDP. The main objective of PISFR was to ascertain the availability of raw material for establishment of wood based industries in selected areas of the country. In its report in 1976, the National Commission on Agriculture (NCA) recommended the creation of a National Forest Survey Organisation through countrywide comprehensive forest resources survey at regular intervals on scientific lines. Consequently, PISFR was reorganized into FSI in June 1981. After a critical review of activities undertaken by FSI, Government of India redefined in 1986 in order to make it more relevant to the rapidly changing needs and aspirations of the country.

**Objectives of FSI**

- To prepare State of Forest Report biennially, providing assessment of latest forest cover in the country and monitoring changes in these.
- To prepare thematic maps on 1:50,000 scales, using aerial photographs.
- To function as a nodal agency for collection, compilation, storage and dissemination of spatial database on forest resources.
- To conduct training of forestry personnel in application of technologies related to resources survey , remote sensing, GIS,etc.

- To strengthen research & development infrastructure in FSI and to conduct research on applied forest survey techniques
- To support State/UT Forest Departments (SFD) in forest resources survey, mapping and inventory.
- To undertake forestry related special studies/consultancies and custom made training courses for SFDs and other organizations on project basis.
- The Forest Survey of India is headquartered at Dehradun and has four zonal offices located at Shimla, Kolkata, Nagpur and Bangalore. The Forest Survey of India is headed by a Director General, who is assisted by two Joint Directors at headquarters, looking after the National Forest Data Management Centre(NFDMC) and the Training & Forest Inventory(TFI) Units. Each zonal office is headed by a Regional Director. The Headquarters as well as the zonal offices work in close coordination to carry out the various activities of FSI.

### **(g) National Zoological Park:**

The National Zoological Park, New Delhi presently displays about 1374 animals comprising 47 species of mammals, 69 species of Birds and 13 species of reptiles. On an average 16 to 17 lakhs people visit the Zoo annually. The main thrust of the management of the Zoo is create awareness amongst the visitors regarding nature conservation. The Zoo continued to contribute in conservation of rare and endangered species by successful captive breeding of Brow antlered deer, swamp deer, Himalayan blackbear, tiger, Giraffe, Hippopotamus, Indian Rhinoceros and White Tiger. The Zoo also attracted about 400-500 Painted Storks from nearby areas for nesting and breeding. In addition to local migrants the zoo also attracted migratory birds namely Shovelers, Pin tail Duck, Common Teal, and Coot from Russia, Siberia and South East Asia. Thus zoo ponds have become bird sanctuary.

### **(h) Regional Offices of the Ministry**

Regional Office (HQ) "Strengthening of Forest Division", Ministry of Environment and Forests facilitates clearance of proposals for diversion of forest land upto 40ha. for non-forestry purposes through its Regional Offices located at six places namely Bhubaneswar, Bangalore, Bhopal Lucknow, Shillong and Chandigarh. There is a unit called Regional Office (HQ) located in the Ministry of Environment and Forests, New Delhi. The primary functions of the Regional Offices of the Ministry are to monitor and evaluate the ongoing forestry project and schemes with specific emphasis on conservation of forests and follow up action on the implementation of conditions and safeguards laid down by the Ministry while granting clearance to development projects under FCA/EPA. The Regional Chief Conservator of Forests are empowered to recommend cases for diversion of forest land

for non-forestry purposes except for mining and regularization of encroachment upto the extent of 40 ha., in consultation with the State Advisory Group(SAG).

**(i) Wildlife Crime Control Bureau:**

To combat the organized illegal trade in wildlife and their derivatives, the Central Government vide its Gazette Notification No.683 dated 6<sup>th</sup> June, 2007 has constituted Tiger and other Endangered Species Crime Control Bureau to be known as the Wildlife Crime Control Bureau. Functioning of Wildlife Crime Control Bureau under the Scheme of "Strengthening of Wildlife Division and Consultancies for Special Tasks".

The Bureau will exercise such powers as may be delegated to it under sub-section (l) of section 5, sub sections(l) and (8) of section 50 and section 55 of the Wildlife (Protection) Act,1972 and such other powers as may be prescribed.

All the existing posts of Wildlife Regional Offices and Sub Regional Offices stand transferred to the Wildlife Crime Control Bureau henceforth.

The functions of the Wildlife Crime Control Bureau would be as follows:

1. Collect and collate intelligence related to organized wildlife crime activities and to disseminate the same to State and other enforcement agencies for immediate action so as to apprehend the criminals and to establish a centralized wildlife crime data bank;
2. Coordination of actions by various officers, State Governments and other authorities in connection with the enforcement of the provisions of this Act, either directly or through regional and border units set up by the Bureau
3. Implementation of obligations under the various international conventions and protocols that are in force at present or which may be ratified or acceded to by India in future;
4. Assistance to concerned authorities in foreign countries and concerned international organizations to facilitate coordination and universal action for wildlife crime control;
5. Develop infrastructure and capacity building for scientific and professional investigation into wildlife crimes and assist State Governments to ensure success in prosecutions related to wildlife crimes;.
6. Advise the Government of India on issues relating to wildlife crimes having national and international ramifications, and suggest changes required in relevant policy and laws from time to time.



## **IX-A Autonomous Organizations under the Ministry of Environment and Forests.**

There are 10(Ten) Autonomous Organizations and (1) one Public Sector Undertaking under this Ministry. The brief background of this organization is as under:

### **i) Central Pollution Control Board Delhi.**

The Central Pollution Control Board (CPCB) was constituted as Central Board for Prevention and Control of Water Pollution (CBPCWP) on 22nd September, 1974 under the provisions of The Water (Prevention & Control of Pollution) Act, 1974, and later under Water (Prevention & Control of Pollution) Amendment Act 1988 (No. 53 of 1988) its name was amended as Central Pollution Control Board. The main functions of CPCB, as spelt out in The Water (Prevention and Control of Pollution) Act, 1974, and The Air (Prevention and Control of Pollution) Act, 1981, are:

- (i) to promote cleanliness of streams and wells in different areas of the States through prevention, control and abatement of water pollution; and,
- (ii) to improve the quality of air and to prevent, control or abate air pollution in the country.

The Central Pollution Control Board has been playing a key role in abatement and control of pollution in the country by generating relevant data, providing scientific information, rendering technical inputs for formation of national policies and programmes, training and development of manpower, through activities for promoting awareness at different levels of the Government and Public at large.

The functions of the Central Board are as follow:

- Advise the Central Government on any matter concerning prevention and control of water and air pollution and improvement of the quality of air;
- Plan and cause to be executed a nation-wide programme for the prevention, control or abatement of water and air pollution;
- Co-ordinate the activities of the State Boards and resolve disputes among them;
- Provide technical assistance and guidance to the State Boards, carry out and sponsor investigations and research relating to problems of water and air pollution, and for their prevention, control or abatement;
- Plan and organise training of persons engaged in programmes for prevention, control or abatement of water and air pollution;
- Organise through mass media, a comprehensive mass awareness programme on prevention, control or abatement of water and air pollution;
- Collect, compile and publish technical and statistical data relating to water and air pollution and the measures devised for their effective prevention, control or abatement;

- Prepare manuals, codes and guidelines relating to treatment and disposal of sewage and trade effluents as well as for stack gas cleaning devices, stacks and ducts;
- Disseminate information in respect of matters relating to water and air pollution and their prevention and control;
- Lay down, modify or annul, in consultation with the State Governments concerned, the standards for stream or well, and lay down standards for the quality of air; and,
- Perform such other functions as and when prescribed by the Government of India.

## **ii) Wildlife Institute of India, Dehradun**

The scheme regarding strengthening Wildlife Management and Eco-development Planning capabilities was launched in the year 1993-94. This is being implemented through Wildlife Institute of India, Dehradun by providing financial support through UNDP. Government of India Officers in different states are being trained by Wildlife Institute of India for preparation of Management Plans for 20 identified protected areas, officers from Wildlife Institute of India and various other States are also being trained in Wildlife Management and Eco-development planning capabilities as a part of the UNDP/FAO Project.

It also covers a Wide range of ecological, biological, management and socio-economic aspect of Wildlife conservation, aims to strengthen the conservation efforts.

## **iii) Indian Institute of Forest Management (IIFM), Bhopal**

In pursuance of the management policy, in 1974, Government of India accepted the recommendations of the Food and Agriculture Organization (FAO) and the Swedish International Development Agency (SIDA) Forestry Preparatory Mission to India for the establishment of an Institute to provide skill to forestry sector in the fields of business management technique, applied economics, feasibility studies, cost control, economics of timber harvesting, etc., and requested SIDA to support a Business Administration Training Project. Therefore, in 1979, the Government of India entered into an agreement with the Indian Institute of Management, Ahmadabad (IIMA) for building the proposed Indian Institute of Forest Management (IIFM). The impetus generated by these recommendations culminated in the establishment of Indian Institute of Forest Management (IIFM), which came into existence in 1982 as an autonomous Institution of the Ministry of Environment & Forests, Government of India.

### **Roles & Objectives**

The Institute, as a sectoral management institute, imparts education in forest management, which is a judicious combination of management, social and forestry

sciences. The Institute constantly endeavours to keep in touch with the problems of people, especially the forest dwellers and undertakes need-based research.

The major objectives of the Institute are:

- to provide training in management and related subjects to persons from forest services, forest departments, forest development corporations and forest related industries.
- to select and prepare outstanding and talented young persons for careers leading to management responsibilities in forest and forest related system; and
- to meet the need of Indian forestry and forest related industry and commerce with respect to updating information on forestry management through research, consultancy and publications.

### **Organizational Structure**

The Institute has two streams of personnel, viz., faculty members and academic/administrative support staff. The Director of the Institute, as its executive head, supervises the activities of both the streams. The faculty is a mix of academicians, management experts and forestry practitioners.

### **Activities**

#### **(I) Education**

The Institute offers two academic programmes of varying duration.

- (1) Post Graduate Diploma in Forestry Management (equivalent to MBA)
- (2) Post Master's Course in Natural Resource Management (Equivalent to M.Phil.)
- (3) Nodal Centre for Doctoral Programme of Forest Research Institute, Dehra Dun

#### **(II) Research**

Research is one of the main activities of IIFM. As a sectoral management Institute in forestry, environment and allied sectors, the institute mainly focuses on research activities that are applied in nature. Various national and international organizations, like Ministry of Environment and Forests, Department of Science and Technology, State Forest Departments, International Tropical Timber Organizations, Food and Agriculture Organization of United Nations, International Development Ford Foundation, World Bank, DFID, IDREC, GTZ, etc.

### **(III) Training**

Management Development Programme (MDP) is one of the pioneer activities of the Institute. The Institute has been conducting short-term training courses, seminars and workshops to transfer technical and managerial skills being generated by faculty areas of the Institute. The Institute with an objective to fulfill the growing need of managerial human power and development of managerial capacity in the forest and allied sectors provides an excellent forum to serve the needs of in-service managers and administrators.

### **(IV) Consultancy**

The multi-disciplinary nature of IIFM's faculty makes IIFM ideally suited to offer consultancy services in the areas of forestry, environment and natural resource management. The subject areas in which IIFM has been providing consultancy support include, agro-forestry, farm forestry, non-timber forest produce, livelihood and conservation, grassland management, marketing, micro credit, joint forest management, ecodevelopment, urban forestry and forestry and forestry planning and management, and environmental impact assessment.

Allied subjects to Graduates who have aptitude in the forestry subjects, officers of Indian Forest Service, Forest Development Corporation and Forest

## **iv) Govind Ballabh Pant Institute of Himalayan Environment and Development, Almora (UP).**

G. B. Pant Institute of Himalayan Environment and Development (GBPIHED), is an autonomous Research and Development Institute of Ministry of Environment and Forests (MoEF), Govt. of India, New Delhi. The institute is named after Bharat Ratna, Late Pt. Govind Ballabh Pant, who was a great freedom fighter, statesman and an imminent scholar. It was established in 1988, the birth centenary year of Pt. Pant, at Kosi-Katarmal, which is a small settlement in close proximity to his birth place – village Khoont, in Almora, Uttaranchal. The inception of the institute is also an acknowledgement to the uniqueness and diversity of Himalaya, its environments, and the developmental needs of its people.

Some of the major objectives of the institute are:

1. To undertake in-depth Research & Development Studies on environment problems of Himalayan Region and Shivalik Ranges.
2. To evolve and demonstrate suitable technology packages and delivery systems for integrated development of the Himalayan & Shivalik Ranges.

3. To collaborate and co-operate with Educational, NGO's and other Institutions and Organisation in any part of the World, having objectwholly or partly similar to these of the institute, by exchange of faculty and generally in such manner as may be conducive to their common objectives.
4. To ensures the entire Himalayan Region is taken care of the research and Environment development work.

The institute has a strong commitment for sustainable development of Indian Himalayan Region (IHR). It has headquarters at Kosi-Katarmal, Almora (Uttarakhand) and four regional units; namely, Himachal Unit at Mohal (Kullu, HP), Garhwal Unit at Srinagar (Pauri Garhwal, Uttaranchal), Sikkim Unit at Panthang (Tadong, Sikkim), and NE Unit at Itanagar (Arunachal Pradesh). Its area of operation is the entire Indian Himalaya covering nearly 5,91,000 sq km of geographical regime including eleven hill states, viz. Jammu & Kashmir, Himachal Pradesh, Uttaranchal, Skkim, Arunachal Pradesh, Nagaland, Manipur, Mijoram, Tripura, Meghalaya, Assam, and the West Bengal hills.

The R&D mandate of the Institute is broad and covers all the facets of development and environment. The seven major thematic areas of Institute's R&D include: (i) Land and water resource management (LWRM); Sustainable development of rural ecosystems (SDRE); Conservation of biological diversity (CBD); Ecological economics and environmental impact assessment (EE & EIA); Environmental physiology & biotechnology (EPB); Institutional networking & human investment (INHI); Indigenous knowledge systems (IKS). The Institute has been collaborating with various National and International institutions / agencies for research on issues of relevance. Through IERP (Integrated Eco-development Programme of MoEF), it also provides extra-mural fund support in IHR for promotion of science and researches of regional importance.

The Institute disseminates its R&D findings through publications in National and International journals and its in-house publications. The regular in-house publications of the Institute are - Pt. Govind Ballabh Pant Memorial Lectures by eminent personalities, Hima-Paryavaran Newsletter, ENVIS Bulletin on Himalayan Ecology, Himalayan Biosphere Reserve Bulletin, and Institute Annual Reports. The participatory capacity building programmes of the Institute on simple technologies, and bio-diversity conservation are very popular. Some state-of the-art approaches of ecological restoration of waste lands and degraded systems, developed by the Institute, have gained widespread acceptance in the region.

#### **v) Indian Council of Forestry, Research and Education (ICFRE), Dehradun .**

The ICFRE was established on 31<sup>st</sup> December, 1986 by restructuring of Forest Research Institute and Colleges to oversee the activities relating to Forestry Research and Education in the country and coordinate the efforts of all concerned Institutes and Organizations. With effect from 1.6.1991 the ICFRE was converted into an autonomous body.

The ICFRE has following eight research institutes and four centers:

1. Forest Research Institute, Dehradun
2. Institute of Forest Genetics and Tree Breeding, Coimbatore
3. Institute of Wood Science and Technology, Bangalore
4. Tropical Forest Research Institute, Jabalpur
5. Arid Forest Research Institute, Jodhpur
6. Rain Forest Research Institute, Jorhat
7. Himalayan Forest Research Institute, Shimla
8. Institute of Forest Productivity, Ranchi
9. Centre for Social Forestry and Eco-Rehabilitation, Allahabad
10. Centre for Human Resources Development, Chhindwara
11. Forest Research Centre, Hyderabad
12. Advanced Research Centre for Bamboo & Rattan, Aizawl, Mizoram

## **vi) Animal Welfare Board of India, Chennai**

AWBI is a statutory body under Section 4 of the Prevention of Cruelty to Animals Act 1960, with head quarters at Chennai. The Board is a statutory body consisting of 28 members including six members of Parliament, (four from Lok Sabha and two from Rajya Sabha), Govt. officials viz., Director General of forests and Special Secretary, Animal Husbandry Commissioner (as ex-officio) and representatives from Ministry of Home Affairs and Education, India Board for Wildlife, Medicine, Veterinary care, municipal Corporation, Humanitarian and SPCAs/AWOs. Its basic mandate is to advise the Government on animal welfare issues, and create awareness in animal welfare.

Under a Plan scheme, the Animal Welfare Board of India gives financial assistance to eligible Animal Welfare Organisations for regular schemes viz. maintenance of animal shelters, medicines, purchase of medical equipment and conducting of veterinary camps etc.

The Animal Welfare Division releases funds to the Animal Welfare Board of India for regular schemes of AWBI as well as for four Central Sector Schemes. The following Central Sector schemes are being implemented by the Animal Welfare Board of India:-

### **(a) Scheme for Shelter House for looking after the Animals**

The objective of this scheme is to establish and maintain shelter houses for distressed animals in the country. Primarily, Non-Governmental Organizations(NGOs) and Society for Prevention of Cruelty to Animals(SPCAs) are given grants of upto Rs.22.50lakhs for construction of boundary walls, shelters, water tank, drains In-house Dispensary, Medical Equipment, contingencies etc.

### **(b) Scheme for Birth Control and Immunization of Stray Dogs**

The scheme is meant for controlling the population of stray dogs by sterilization & reducing incidences of rabies by immunization. NGOs and SPCAs working in collaboration with local bodies are eligible for this grant.

Under this scheme financial assistance is given @Rs.370/-per dog for pre & Postoperative care, including medicines and anti rabies vaccine(ARV); and Rs.75/-per dog for catching and relocation of the dog. The aid is released in three installments.

### **(c) Scheme for Provision of Ambulance Services to Animals in Distress**

Under this scheme the animal welfare organizations are given grant for purchase of suitable vehicle for transportation, rescue and also for providing emergency services to animals in distress.

NGOs are assisted to the extent of 90% of project cost of purchase of a suitable vehicle and equipment and fitting thereon. The maximum amount of grant-in-aid is limited

to Rs.3.50 lakhs for purchase of vehicle and Rs.1.00 lakhs for equipments and fitting thereon.

#### **(d) Scheme for Relief to Animals during Natural Calamities and Unforeseen Circumstances**

Every year, there are natural calamities in the form of floods, droughts of earthquakes. In such circumstances there is an immediate requirement for provision of fodder, adequate shelter, medical attention etc. for the affected animals or otherwise they are smuggled across the borders for slaughter. Funds for relief of such animals are provided under this scheme.

#### **Other Activities of AWBI**

1. The Board has granted recognition to 55 newly established Animal Welfare Organizations (AWOs) during the year 2007-08.
2. The Board is providing free, on the spot veterinary treatment to sick and injured animals belonging to the poor and downtrodden people through its Mobile Clinic (MAC) Programme operating from the Headquarters at Chennai.
3. One of the main functions of the Board is propagation of Humane Education. The Animal Welfare fortnight (from 14<sup>th</sup> to 30<sup>th</sup> January, 2008) and World Animal Day(4<sup>th</sup> October) are celebrated by all Animal Welfare Organisations, SPCAs.
4. During the year, the board published AWBI publications viz. Animal Citizen (English),Jeev Sarthi(Hindi) and AWBI Newsletter (English and Hindi). The Animal Citizen/Jeev Sarthi was brought out special on “Rabies Free India” and various issues were highlighted by AWBI Newsletter of the Animal Welfare.
5. Under Rule 3 of the Performing Animals (Registration) Rules, 2001 the Board is the prescribed authority to issue registration certificates.
6. Throughout the year, the Board continuously received complaints regarding cruelty to animals from various parts of the country which were prevented with the help of District Collectors/District Magistrate/ District Superintendent of Police. The AWOs filed several FIRs against animal cruelties and the offenders were prosecuted. The AWBI has filed a Petition in Supreme Court of India to ban the cruel game of cattle race and obtained stay order.
7. The Animal Welfare Board of India has taken initiatives for modernizing the Gaushalas through in house training of gaushala personnel at few of the Model Gaushalas on the issues of Bio-gas generation and production of Methane gas.



## **vii) The Plywood Industries Research Institute, Bangalore**

The Institute was established in 1963 jointly by the Plywood Industry and the Government of India. It was under the administrative control of CSIR till March, 1978 and subsequently under the Ministry of Industry till April, 90. Thereafter with effect 1.5.90, it has come under the administrative control of Ministry of Environment & Forests.

The Institute undertakes research to enlarge service life of wood and wood products, economise wood volume in and use and reduce wastage in conversion and application. The focus of research is basically on reduction of pressure on natural forests.

## **viii) Central Zoo Authority**

The Central Zoo Authority is a statutory autonomous body under the administrative control of Ministry of Environment & Forests. The Authority was established in the year 1992 under the provisions of Wild Life (Protection) Act to support, oversee, monitor and coordinate the management of the Zoos in the country. The Authority is a 12-Member body headed by Minister for Environment & Forests as Chairperson and with a Member Secretary as Chief Executive Officer of the Authority.

The statutory functions of the Authority under the Act:

- (a) To specify the minimum standards for housing, upkeep and veterinary care of the animals kept in zoos;
- (b) To evaluate and assess the functioning of the zoos with respect to the prescribed standards or norms;
- (c) To recognize or derecognize zoos;
- (d) To identify endangered species of wild animals for purposes of captive breeding and assigning responsibility in this regard to a zoo;
- (e) To coordinate the acquisition, exchange and loaning of animals for breeding purpose;
- (f) To ensure maintenance of studbooks of endangered species of wild animals bred in captivity;
- (g) To identify priorities and themes with regard to display of captive animals in zoos;
- (h) To coordinate training of zoo personnel in India and outside India;
- (i) To coordinate research in captive breeding and educational programmes for the purposes of zoos;
- (j) To provide technical and other assistance to zoos for their proper management and development on scientific lines;

(k) To perform such other functions as may be necessary to carry out the purposes of this Act with regard to zoos.

No new zoo can be created in India without prior permission of the Central Zoo Authority and no Zoo in the country can function without recognition from the Central Zoo Authority. For assessing Zoos, the Recognition of Zoo Rules were framed in the year 1992. This is a set of 51 standards and norms for compliance by the Zoos. The National Zoo Policy was adopted by the Government of India in the year 1998 to give direction to the Zoos.

The Central Zoo Authority provide financial assistance for the improvement of recognized public sector Zoos for creation of better animal housing, veterinary care facilities, research and training on 100% basis whereas expenditure on infrastructural development is shared with the Zoo operators on 50:50 basis. The Central Zoo Authority has also established seven rescue centres at Bhopal, Chennai, Bangalore, Vishakhapatnam, Tirupati, Jaipur and South Khairbari (West Bengal) for rehabilitation of lions, tigers, leopards, bears and monkeys whose performance has been banned in the Circuses by Government of India. The Central Zoo Authority has signed MOU with some national institutes dealing with wildlife conservation related activities to research on zoo related issues. The Authority also organized short-term training programmes for in service Zoo personnel in India and abroad.

## **ix National Biodiversity Authority, Chennai**

In order to implement the provisions of the Biological Diversity Act, 2002(18 of 2003), the Central Government has established a body called the National Biodiversity Authority, on and from the 1st day of October, 2003. The main functions of the Authority are:

- a) To lay down procedures and guidelines to govern the activities provided under Section 3,4 and 6 of the Act (Permission to foreigners/NRI's foreign companies)
  - For obtaining any biological resource(section-3)
  - For transferring the results of any research (Section-4)
- b) To advice the Government of India. Specific areas mentioned as per the Act are the following:
  - Notifications of threatened species(Section-38)
  - Designate institutions as repositories for different categories of biological resources(Section-39)
  - Exempt certain biological resources, normally traded as commodities(Section-40)
- c) To encourage setting up State Biodiversity Boards-till June 2007,18 States have formed State Boards.
- d) To build up database and documentation system

- e) To create awareness through mass media
  - Training of personnel
  - Necessary measures in the areas of Intellectual Propriety Rights.

## **x. National Tiger Conservation Authority**

The National Tiger Conservation Authority working under the Control of IGF& Member Secretary (PT), Ministry of Environment & Forests. The authority is comprises One Biodiversity Conservation and Rural Livelihood Improvement Project (BCRLIP). Their Objectives and Activities are as under:

### **Objectives of the NTCA**

- Providing statutory authority to Project Tiger so that compliance of its directives becomes legal.
- Forest ring accountability of Center-State in management of Tiger Reserves, by providing a basis for MoU with States within our federal structure.
- Providing for an oversight by Parliament. Addressing livelihood interests of local people in areas surrounding Tiger Reserves
- Project Tiger Administration (Processing of proposals from Tiger Reserves areas and release of funds to the State Governments Concerned) of the Centrally Sponsored Scheme 'Project Tiger'.

### **ACTIVITIES of the NTCA**

- Administration matters (including policy) concerning Tiger Reserves in the country. It also includes the consideration of the proposals from the State Governments for inclusion of new areas. Dealing with cases of non Tiger Project, Prime Tiger habitats.
- Providing technical guidelines and funding support to States for tiger conservation.
- Constitution and convening of the meetings of the National Tiger Conservation Authority and the implementation of recommendations thereof.
- Periodical meetings of the Field Directors of the Tiger Reserve areas and of the Chief Wildlife Wardens of Tiger Reserve States.
- Periodical field visits by officials of Project Tiger Directorate (now the National Tiger Conservation Authority) for monitoring and evaluation.
- National/International conference/workshops /symposia on matters concerning Tiger and Tiger Reserves.
- Management/Tiger Conservation Plans, research, census, filming proposal relating to the Tiger Reserve areas.

- Eco-tourism initiatives and management.
- Tiger poaching and offences in the country including the Tiger Reserve.
- Annual Report of the Tiger Reserve areas.
- Annual Report of National Tiger Conservation Authority.
- Bi-annual review of the Tiger Reserve.
- Interaction with experts, NGO's and scientific institutions on matters of Project Tiger.
- Protection and conservation of Bio-diversity in Tiger Reserve and to facilitate implementation of National and International legal instruments.
- Coordination of Convention on International Trade in Endangered Species of Flora & Fauna CITES.

## **OBJECTIVES OF BIODIVERSITY CONSERVATION AND RURAL LIVELIHOOD IMPROVEMENT PROJECT**

The proposed BCRLIP aims at conserving biodiversity in selected landscapes, including wildlife protected areas/critical conservation areas while improving rural livelihoods through participatory approaches. Development of joint forest management and eco-development in some states are models of new approaches to provide benefits to both conservation and local communities. The project intends to build on these models and expand lessons to other globally significant sites in the country to strengthen linkages between conservation and improving livelihoods of local communities that live in the neighborhood of biodiversity rich areas-as well as to enhance the local and national economy.

### **ACTIVITIES**

- National Co-ordination of the Project Biodiversity Conservation and Rural Livelihood Improvement Project in six landscapes spread over seven States likely to be funded by the World Bank
- Providing guidelines and funding support to Project States.
- Interaction with experts, NGO's and scientific institutions on matters of Biodiversity Conservation and Rural Livelihood Improvement Project.
- Visits abroad of the officials of Central Coordination Unit/landscape sites on invitation from other Countries. Also inviting such of the officials from other countries who are concerned with the protection and management of wildlife/Tiger in their countries.
- Interaction and cooperation with International Institutions on matters relating to the protection and management of Central Coordination Unit/landscape sites in the country.
- Interaction and cooperation with International agencies for financial assistance/grants in the area of Biodiversity Conservation and rural Improvement in landscapes.

## **Public Sector Undertaking :-**

The National Commission on Agriculture in their Interim Report on "Productivity Forestry Man-made Forests" (1972), suggested that the forestry sector should contribute to the GNP of the country to the extent of its potentiality, and recommended the establishment of Forest Development Corporations. Based on these recommendations, the Andaman Forest Department prepared a Project Report in 1976 for the establishment of a Forest Development Corporation in the Union Territory. After the Project Report was sanctioned by Govt. on 17th Jan., 1977, the Andaman and Nicobar Islands Forests & Plantation Development Corporation was set up on 21.1.1977 at Port Blair.

In addition to forestry, the Company has been managing a Red Oil Palm Plantation since 1979 and Rubber Plantations since 1983. The objectives of the company are as under:-

- To provide the necessary infrastructure to harvest and develop forest resources, to promote forest resources based industries, to arrange marketing of timber and other forest resources on the mainland and abroad.
- To plant, grow, cultivate, produce, and raise plantations of various forest species of proven utility and other agriculture plantation, horticulture crops, medicinal and aromatic plants and to buy, sell export, import process, distribute, or otherwise deal with all kinds of forest crops, natural products, agricultural, plantation and horticultural crops, medicinal and aromatic plants.
- To carry on the business of planters, cultivators, producers, sellers and dealers in various products.
- To establish, administer, own and run industries for manufacturing forest products, agricultural, plantation and horticultural products, medicinal and aromatic plants.
- To conduct and contract for training and research connected with the integrated development of forest resources of the islands and cultivation as well as processing of agricultural plantation and horticultural crops, medicinal and aromatic plants.
- To maintain and improve Wildlife and other Natural Resources.

## **IX-B Centers of Excellence under the Ministry of Environment and Forests**

The scheme of Centers of Excellence was started in 1983 by the Ministry to strengthen awareness, research and training in priority areas of Environmental Science and management.

### **The following Centres of Excellence in specific areas have been setup so far by the Ministry:**

- Centre for Environment Education (CEE), Ahmedabad on 'Environmental Education'
- CPR Environment Education Centre(CPREEC), Chennai on 'Environmental Awareness'
- Centre for Ecological Sciences (CES), Bangalore on Ecology of Western Ghats and Research
- Centre for Mining Environment(CME), Indian School of Mines, Dhanbad on 'Mining Environment'
- Salim Ali Centre for Ornithology and Natural History(SACON), Coimbatore on 'Avian Ecology,
- Centre for Environmental Management of Degraded Ecosystem(CEMDE), Delhi University, Delhi on Management of 'Degraded Ecosystem'
- Foundation for Revitalization of local health traditions (FRLHT), Bangalore on 'Medicinal Plants & Traditional knowledge'
- Madras School of Economics(MSE), Chennai on 'Environmental Economics'
- Tropical Botanic Garden and Research Institute (TBGRI), Thiruvananthapuram on 'Conservation of Tropical Plants,

### **The back-ground and objectives of above centers of excellence are as under:**

#### **i) Centre for Environment Education, Ahmedabad.**

The CEE was established in 1984 as a Centre of Excellence on Environmental education, supported by the Ministry. CEE's primary objective is to improve public awareness and understanding of the environment with a view to promoting the conservation and sustainable use of nature and natural resources, leading to a better environment and a better quality of life. To this end, it develops innovative programmes and educational material, builds capacity in the field of education for sustainable development, and undertakes demonstration projects in education, communication and development that endorse attitudes, strategies and technologies which are environmentally sustainable.

ii) **CPR Environmental Education Centre, Chennai.**

C.P.R Environmental Education Centre (CPREEC) was established in 1989 to increase consciousness and knowledge about the environment and the major environmental problems facing India Today, and to spread the message of conservation of the environmental through education in both the formal and non-formal sectors.

CPREEC has been conducting a variety of programme to spread awareness and interest among all sections of the public, by organizing training programmes, workshops, courses, surveys, exhibitions, and by raising awareness through action.

iii) **Ecological Research and Training Centre, Indian Institute of Science, Bangalore.**

As per the recommendation of the working Group set up by the Planning Commission in Environment Sector during VIIth Plan and to create a strong research base and training support, the then Department of Environment set up a centre of excellence known as Ecological Research and Training centre (ERTC) in 1983 at Indian Institute of Sciences, Bangalore with a mandate to focus on the ecology and environment of Western Ghats.

The centre has implemented 13 major projects on biological diversity, population biology, and ecological history of India etc.

iv) **Centre for Mining Environment, Dhanbad**

To augment research and generate scientific data for sustainable development and mining, the Ministry established a centre of Excellence known as centre for Mining Environment in the Indian School of Mines, Dhanbad, in 1987. Indian School of Mines being the nodal institution in the mining research was identified by the Ministry of setting up this centre of excellence.

The Centre, since its inception continued its training programmes on environmental monitoring and impact assessment of mining areas for various professions.

v) **Salim Ali Centre for Ornithology and Natural History, Coimbatore (Linked with Bombay Natural History Society Bombay)**

This centre was set up in 1990. The proposal for it was initially drawn by the Bombay Natural History Society following the suggestions of late Dr. Salim Ali, the BNHD

has maintained close links with SACON, the President of BNHS being President of SACON also and Chairman of Government Council being nominated by President BNHS.

The following six areas have been identified by SACON.

- Avian Ecology and Economic Ornithology
- Terrestrial Ecology
- Wetland Ecology
- Eco-toxicology
- Conservation Biology and
- Environmental Impact Assessment.

**Vi) Centre for Environmental Management of Degraded Ecosystem, Delhi**

The Centre for Environmental Management of Degraded Ecosystem (CEMDE), under the aegis of School of Environmental Studies, Delhi University has been functioning as Centres of Excellence of the Ministry since 1997.

**Vii) Foundation for Revitalisation of Local Health Traditions (FRLHT), Bangalore**

Medicinal plants being recognized as an important national resource of economic and cultural value, which needed to be conserved and sustainably used. The Ministry setup a Centres of Excellence on 'Medicinal Plants & Traditional Knowledge' at FRLHT, Bangalore in October, 2002 to undertake six major activities viz.:

- ❖ Creation of a Bio-cultural repository of Medicinal plants of India
- ❖ Development of Educational Materials (on the rich traditional knowledge of the Medicinal Plants of India)
- ❖ Training to Village Botanists in identification and monitoring of Medicinal Plants
- ❖ Establishment of an ethno-medicinal demonstration garden in Bangalore
- ❖ Pharmacognostic studies on prioritized medicinal plants
- ❖ Preparation of Medicinal Plants Distribution Maps using GIS

**Viii) Madras School of Economics, Chennai**

The Ministry set up the Centre of Excellence on "Environmental Economics" at Madras School of Economics, Chennai on March 31, 2002. The research areas of the Centre include: Economic Instruments, Trade and Environment and Cost Benefit Analysis. The Centre is also responsible for the development and Maintenance of a website on environmental economics.



### **iX) Tropical Botanic Garden and Research Institute, Thiruvananthapuram**

Tropical Botanic Garden and Research Institute (TBGRI), set up in 1979, is situated at Palode in Thiruvananthapuram district. The Institute with its mandate for conservation and sustainable utilization of tropical plant diversity is also recognized as a National Centre of Excellence in ex situ conservation of tropical plants. TBGRI also functions as the National Gene Bank for medicinal and aromatic plants of peninsular India. The Centre is set up to carryout ex-situ conservation of country's biodiversity and their sustainable utilization.

### **Addresses of Centers of Excellence Under the Ministry:-**

1. Centre for Environment Education Nehru Foundation for development, Thaltej Teksa,Ahmedabad-380054.Tel:079-26858002-09,Fax:91-079-26858010,email:cee@ceeindia.org
2. C.P.R. Environmental Education Centre, IA, Eldams Road, Chennai-600018.  
**Tel:044-24346526,Fax:91-44-24346526**, email:- cpreec@vsnl.com
3. Centre for Ecological Sciences, Indian Institute of Science, Bangalore-560012Tel: 080-23600382, Fax: 080-23602280, email: chairman@ces.iisc.ernet.in
4. Centre for Mining Environment, Indian School of Mines, Dhanbad-826004.Tel: 0326-2206372/ 2202486 Fax: 0326-2203042, email:-cme@ismdhanbad.ac.in
5. Salim Ali Centre for Ornithology and Natural History (SACON) , Kalayampalayam, Coimbatore-641010. **Tel:(0422)807973/807983** Fax: (0422)657088, Email: **centre@sacon.ernet.in**
6. Centres for Environmental Management of Degraded Ecosystems School of Environmental Studies, University of Delhi, Delhi-110007. Telefax: 011-27666237
7. Tropical Botanic Garden and Research Institute Pacha Palode, Thiruvanthapuram Kerala- 695562 **Tel:0472-2869246**, Fax:-0472-2869646, email: **gmnair@satyam.net.in**
8. Madras School of Economics, Gandhi Mandampam Road, Chennai-600 025, Telefax:044-22354847, Fax: 044-22352155 email: **sankar\_u75@hotmail.com**.  
<http://www.mse.ac.in>
9. Foundation for Revitalization of Local Health Traditions, 50MSH Layout 2<sup>nd</sup> stage,3<sup>rd</sup> main,2<sup>nd</sup> Cross Anand Nagar, Bangalore-560024, Tel: 080-8565890,8565873,Fax:080-8565873 email:**s.ajith@frlht.org.in**,<http://envis.frlht.org.in>

**IX-C STATEMENT IS SHOWING VARIOUS INFORMATIONS ABOUT ORGANISATIONS UNDER MINISTRY OF ENVIRONMENT AND FORESTS SUCH AS ADMINISTRATIVE DIVISION, POSTAL, E-MAIL ADDRESS, ETC.**

**Subordinate offices**

S.N.	Name of the Organisation	Address	City	Pin code	Tel.No	Fax No	Concerned Admn. section	E-mail Address	Name of the Head of the Organisation	Designation
1	Botanical Survey of India	CGO Complex, 3rd MSO Building DF Block F, 5 <sup>th</sup> & 6 <sup>th</sup> Floor, Sector 1, Salt Lake City Kolkata-700064.	Kolkata	700064	033-23344963 23214050 23219334	(033) 23246040 23215631	CS (II)	bsi_headquarter@rediffmail.com	Dr.M.Sanjappa	Director
2	Zoological Survey of India	Prani Vigyan Bhavan, 'M' Block, 535, New Alipore, Kolkata-700053.	Kolkata	700053	033-24006892/ 24003383	(033) 24006893 24008595	CS(II)	<b>Dir.zsi@calvsnl.com</b> <b>enviszsi@cal.vsnl.net.in</b> ramakrishna.zsi@gmail.com	Dr.Ramakrishna	Director Incharge
3	Forest Survey of India	P.O. K.D.M.I.P.E. Kaulagarh Road, Dehradun-4248195	Dehradun	4248195	0135-2754191, 2753170 2756292	0135-2759104	RT	<b>www.fsi.nic.in</b> saibaldasgupa@hotmail.com	D.Pandey, IFS	Director General
4	Directorate of Forest Education,	Ministry of E&Forests, P.O.New Forests, Dehradun (Uttarakhand). 248006.	Dehradun	248006.	0135 2757326 27750127		RT	thefedun@yahoo.com	Anil Kumar.	Director

## STATE FOREST SERVICE COLLEGE UNDER DFE

(i)	<b>State Forest Service College, Dehradun</b>	P.O.New Forest, Dehradun Uttarakhand	Dehradun Uttarakhand	248006	0135-2754648	0135-2754575		<b>PSFSCdehradun@yahoo.co.in</b> Sfsddn6@vsnl.net.in		Principal
(ii)	<b>State Forest Service College,</b>	R.S.Puram,P.O. Box. No.1130 Coimbatore, Tamil Nadu	Coimbatore	641002	0422-2451605,2450313	0422-2450439		Sfsc.cbe@vsnl.com		Principal
(iii).	<b>State Forest Service College, Burnihat</b>	G.S.Road, Burnihat-793101 Assam	Burnihat	793101	0361-2896265,2896246	0361-2899015				Principal
(iv).	<b>Eastern Forest Rangers College, Kurseong</b>	P.O.St.Marys' Hills. Kurseong- West Bengal	Kurseong	734220	0354-2331302,2331325	0354-2331302		udayan@md4.vsnl.net.in		Principal
5	<b>National Museum of Natural History,</b>	FICCI Building, Barakhamba Road, New Delhi	New Delhi	110001	23314932,23320739,23710576,23319173,23317992	11-23314932	GA	kunjumon@nmnh.nic.in	Dr.D.P.Singh	Scientist-D& Head of Office
6	<b>National Zoological park</b>	National Zoological Park, Mathura Road, New Delhi-3.	New Delhi	110003	24359825	24352408	ADGF (WL)	nzpnwdelhi@gmail.com	Sh.D.N. Singh	Director
7.	<b>Indira Gandhi National Forest Academy</b>	P.O.New Forests, Dehradun-248006.	Dehradun	248006.	0135-2754647	0135-2757314	RT	<b>ignfa@ignfa.up.nic.in</b>		Director

### Regional Offices, Wildlife Crime Control Bureau (WCCB)

1.	<b>RO, WCCB (NR)</b>	MoEF, Bikaner House, Shahjahan Road, New Delhi.	New Delhi	110011	(011) 23384456	(011) 23384456	Wild life Div.	<b>ddnrwildlife@yahoo.co.in</b>	P.Subramany am	Dy. Director
2	<b>RO, WCCB (WR)</b>	MoEF 11 Air Cargo, Complex Sahar, Mumbai	Mumbai	400099 .	(022)- 26828184	Telefax (022) 26828184	-Do-	rddwr@vsnl.com	Mita Banerjee	Reg.Dy.Dir (WL)
3	<b>RO, WCCB (SZ)</b>	MoEF C-2/A, Rajaji Bhavan, Basant Nagar, Chennai 600090	Chennai	600090 .	(044) 24916747	(044) 2491674	Wildlife division	rddwl@md4.vsnl.net.in	R.K.Samal	Regl.Dy.Dir (WLP)
4.	<b>RO, WCCB (EZ)</b>	MoEF Nizam Palace,6th Floor, 2 <sup>nd</sup> M.S.O.Building 234/4, Acharya J.C. Bose Road, Kolkata	Kolkata	700020 .	(033) 22878698	(033) 22878698	IGF(WL)	Wlper1234@dataone.in	R.K.Samal	Dy.Director

## Regional Offices (FC)

1.	<b>R.O(NZ) Chandigarh</b>	Bay No.24-25,Sector 31A,Dakshin Marg, Chandigarh	Chandigarh	160030	0172-2600061	0172-2604134	RO(Hq.)	sechrawt@hotmail.com	Sh.S.K..Sehrawat,IFS	Conservator of Forest
2	<b>R.O(SZ) Bangalore</b>	Kendriya sadan 4th Floor, E&F wings,17th Main Road, Koramangala 2nd Block , Bangalore.	Bangalore	560034	080-25635901 25537184	080-25523266	-do-		Sh. R.S.Prashanth	I/C Cheif conservator of Forest
3.	<b>R.O.(WZ) Bhopal</b>	Kendriya Paryavaran Bhavan, Arera colony,link Road- 3 E-5, Ravishankar Nagar,Bhopal (M.P.)	Bhopal	462016	0755:2465 054 0755-2466525 2465496	0755:2463 102 (telefax)	-do-	rccfbhopal@gmail.com	Sh. B.N.Mohanty	Chief Conservator of Forests(Central)
4.	<b>RO, (EZ) Bhubaneshwar</b>	A/3, Chandersekharpur Bhubaneshwar	Bhubaneshwar	751023	0674-2301213	0674-2302432	-do-		Sh.Khazan Singh,IFS	Chief Conservator of Forests
5	<b>R.O. (CZ) Lucknow</b>	RO(CZ), kendriya bhavan,5th floor,sector'H' Aliganj,Lucknow	Lucknow	226020	0522-2763147	0522-2326696	-do-		Sh.N.C. Bahuguna, IFS	Chief conservator of Forests
6.	<b>RO.(NEZ), Shillong</b>	Uplands Road, Laitumkhrah Shillong	Shillong	793003	0364-2227673	0364-2227047	-do-		Sh.B.N.Jha, IFS	Chief Conservator of Forests

## Autonomous Bodies

1	<b>Central Pollution Control Board,</b>	Parivesh Bhawan, CBD-CUM-Office Complex, East Arjun Nagar, Delhi-32	New Delhi	110032	(011) 2230 5792 22303717	(011) 22307078 22304998	CP(Div.)	cpcb@nic.in  cpcb@alpha.nic.in	Sh.J.M Mauskar  Dr. B. Sengupta	Chairman  Member Secretary
2	<b>Wildlife Institute of India, Dehradun</b>	P.B. No. 18, Chandrabani, Dehradun-	Dehradun	248001	(0135) 264011-115	(0135) 2640117	WL	wii@ wii.gov.in website: <a href="http://www.wii.GOV.IN">www.wii.GOV.IN</a>	P.R. Sinha	Director
3.	<b>Indian Institute of Forest Management Bhopal</b>	P.B.No.357, Nehru Nagar, Bhopal	Bhopal	462003	(0755) 2775716	(0755) 2772878	RT	<a href="http://www.iifm. ac.in">www.iifm. ac.in</a> dkbiifm.ac.in	Prof.D.K.ban dyopadhyay	Director
4.	<b>Central Zoo Authority, New Delhi</b>	Bikaner House,Annexe VI Shahjahan Road, New Delhi.	New Delhi	110011	(011) 2338158 5	(011) 23386012	Wildlife Division	cza@nic.in	Dr.B.R Sharma	Member Secy
5	<b>ICFRE, Dehradun.</b>	Indian Council of Forestry Research and Education P.O.New Forests, Dehradun	Dehradun	248001	(0135) 2759382	(0135) 2755353	FE	<a href="mailto:jkishwan@icfre.org">jkishwan@icfre.org</a> <a href="mailto:jkishwan@nic.in">jkishwan@nic.in</a>	Shri Jagdish Kishwan	Director General
6	<b>G.B. Pant Instt. of Himalayan Environment &amp; Development,</b>	Paryavaran Evam Vikas Sansthan, Kosi-Katarmal Almora	Almora (Uttarakhand)	263643	(05962)-241041	(05962) 241150	CS	<a href="http://gbpihed.gov.in">http://gbpihed.gov.in</a> <a href="mailto:uppdhar@gmail.com">uppdhar@gmail.com</a> psdir@gbpihed.nic.in	Dr.Uppeandra Dhar	Director

7.	<b>Indian Plywood Industries Research and Training Institute, Bangalore.</b>	P.B.No.2273 Tumkur Road, Yeshwanthpur, PO, Bangalore	Bangalore	5600 22.	(080) 2839423 1/ 2839423 2/ 2839423 3	91-80- 28396361	RT	@ipirti.gov.in cnpandey@vsnl.net	Dr.C.N. Pandey	Director
8	<b>Animal Welfare Board of India, Chennai</b>	13/1, 3 <sup>rd</sup> seaward Road, Balmiki Nagar, Thiruvanmiyur Chennai (TN)	Chennai	660041			AW	awbl@md3.vsnl.net.in		Director
9	<b>National Biodiversity Authority, Chennai</b>	475, 9th South Cross Street, Kapaleeswar agar, Neelankarai , Chennai	Chennai	600004 1	91-44- 2449080 5	044 24492777	CS	nba_india@vsnl.net		Chairperson /Secretary
10	<b>National Tiger Conservation Authority</b>	Project Tiger, Annexe No.5, Bikaner House,Shahjahan Road,New Delhi-	New Delhi	110011	2338442 8	23384428	IGF	Ganga1965@hotmail.com <b>Dirpt—r@nic.in</b> http://projecttiger.nic.in	Ganga Singh, Joint Director	IGF Member Secretary( PT)

### Public Sector undertaking

1.	<b>Aandaman &amp; Nicobar Islands Forest and Plantation Development Corporation Ltd., PortBlair</b>	<u>Aandaman &amp; Nicobar Islands</u> Forest and Plantation Development Corporation Ltd. Vanvikas Bhawan, Port Blair	Port Blair	744102	(03192) 20261, 20752	(03192) 21254	<b>S U</b>	<b>pblvanvikas@bsnl.in</b> <b>pblvanvikas@sancharnet.in</b>		
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**IX- D MINISTRY OF ENVIRONMENT AND FORESTS  
TELEPHONE NUMBERS OF OFFICIALS OF MOEF**

EPBAX NOS. : 24360605, 24360570, 24360519

(UPDATED UP TO JANUARY 31, 2008)

NAME / DIVISION	OFFICE	RESI	INT	PS	ROOM
<b>MINISTER'S OFFICE S/SHRI</b>					
S. RAGHUPATHY, MOS (F&WL)	24361727 24362222(F)	23017997 23013317	423	425	423
REDDY NAGABHUSHAN RAO, PS	24363958		425	429	425
G. SINGARAVELU, Addl.PS	24368633	25085901	427		427
APS to MOS					426
KALPANA PALKHIWALA, LO, PIB (CELL 9811111763)Information Officer	23387278	23381445	926		926
<b>MOS OFFICE</b>					
<b>NAMO NARAYAN MEENA, MOS (ENV.)</b>	24362131	23385261	101		101
Rajeev Kumar,(IAS) PS ,Sh. Bhim Singh , Addl.PS	24364791	26116363	102		105 &102
M.P. KOTNALA, APS	24362016	26161367	104		104
STAFF OF MOS (MOEF)	24368633		108		108
<b>SECRETARY'S OFFICE</b>					
MEENA GUPTA, SECRETARY	24360721	26889546	401	407	401
Harish Narang, SR. PPS	24361896	25167790	407		407
SANJEEV SHARMA, PS	24360721	23366513	407		407
Manoj Kumar , PA & STAFF OF SECY.	24362746		405		405 &404
<b>DGF&amp;SS OFFICE</b>					
Shri P.R.Mohanty DGF &SS	24361509		411	410	411
PPS to DGF&SS S.K.SHARMA, /Durga Prasad/S.K.Vasisht	24363957	26116537	410		410



<b>ADDITIONAL SECRETARY</b>					
<b>B.S. PARSHEERA, AS</b> (Bio-safety, IUCN, GEAC, CBD, NBSAP, TBGRI, EIVR, Eco-Science, FRLHT, ICIMOD, AW, OL)	24361308 Fax 24363967	26251105	622	624	622
PM ALAXENDER, PPS	24361308		624		624
<b>R.H. KHWAJA, AS</b> (ADMINISTRATION OF CENTRAL POLLUTION CONTROL BOARD (CPCB), CLEAN PRODUCTION/ TECHNOLOGY, HAZARDOUS SUBSTANCES MANAGEMENT DIVISION (HSMD), NATIONAL RIVER CONSERVATION DIRECTORATE (NRCD), NATIONAL LAKE CONSERVATION PLAN (NLCP), ENVIRONMENTAL POLICY & LAW (including LEGAL CELL), SUSTAINABLE DEVELOPMENT, WORLD BANK INDUSTRIAL DEVELOPMENT CAPACITY BUILDING PROJECT, ENVIRONMENTAL HEALTH, ENVIRONMENTAL INFORMATION (EI), PLAN COORDINATION, ECONOMIC CELL, TRADE & ENVIRONMENT, STATISTICAL CELL, MEDIA, UNITED NATIONS CONVENTION to COMBAT DESERTIFICATION (UNCCD))	24362285 Fax 24363918	24647280	439	438	439
<b>Sh.Sanjay Narang, PS to AS(RHK)</b>	24362285		438		438

<b>JAYANT M. MAUSKAR, AS</b> IMPACT ASSESSMENT (IA), COASTAL REGULATION ZONES (CRZ), NATIONAL COMMUNICATIONS (NATCOM), CLIMATE CHANGE (CC) (including CDM & UNFCCC), OZONE CELL AND MONTREAL PROTOCOL, ENVIRONMENTAL EDUCATION (EE), RESEARCH in ENVIRONMENT (RE), GLOBAL PUBLIC GOODS (GPG)	24364284 Fax 24366912	23381523	412		412
Baljit Singh, PS	24364687		409		409
<b>RAGHU MENON, SS&amp;FA (IFD, B&amp;A)</b>	24362388	23383775	437	433	433
Anuradha Nippani, PS			433		433
<b>ADDITIONAL DGF</b>					
<b>G.K. PRASAD, ADGF (FC)</b>	24362785 Fa x 24363232	26268107	416	420	416
R.C. SETH, PS, ADGF (WL)	24362785	Not Available	420		420
<b>JOINTSECRETARY/JT.SECY LEVEL OFFICERS</b>					
<b>G. BALACHANDHARAN, JS</b> (NATIONAL BIO-DIVERSITY AUTHORITY (NBA), MAN AND BIOSPHERE PROGRAMME (MABP), E-GOVERNANCE, CONVENTION ON BIOLOGICAL DIVERSITY (CBD), NATIONAL BIO-DIVERSITY STRATEGY & ACTION PLAN (NBSAP), ENTITIES OF INCOMPARABLE VALUE REGULATIONS, ANIMAL WELFARE, GENETIC ENGINEERING APPROVAL COMMITTEE (GEAC), BIO-DIVERSITY CONSERVATION	24362551 Fax 24360894	24121653	621	627	621
N. Narayanan, PS	24362551	65701475	627		627
<b>R.K. VAISH, JS (CP, HSMD, CPCB Admn.)</b>	24360634 Fax 24363577	24671156	415	419	415
Rajesh Sajlani, PS	24360634		419		419
<b>SUDHIR MITAL, JS</b> INTERNATIONALCOOPERATION(IC) (EXCLUDING ' STATE OF ENVIRONMENT ' REPORTS), GLOBAL ENVIRONMENT FACILITY (GEF), VIGILANCE, NATIONAL MUSEUM OF NATURAL HISTORY (NMNH), ENVIRONMENTAL POLICY AND LAW (INCLUDING LEGAL CELL), SUSTAINABLE DEVELOPMENT, UNITED NATIONS CONVENTION TO COMBAT DESERTIFICATION (UNCCD), MEDIA	24363956 Fa x 24369192	26113463	414	421	414

Sunil Kumar, PS	24363956	26265367	421		421
<b>Dr. B.P. NILARATNA, JS</b> , CORAL REEFS, MANGROVES, ADMINISTRATION OF INDIAN FORESTS SERVICE, OZONE CELL & MONTREAL PROTOCOL, TROPICAL BOTANICAL GARDEN & RESEARCH INSTITUTE (TBGRI), CENTRE FOR ECOLOGICAL SCIENCE, FOUNDATION OF REVITALISATION OF LOCAL HEALTH (FRLHT), FORESTS ESTABLISHMENT, HINDI (OFFICIAL LANGUAGE), ALL INDIA COORDINATED PROJECT ON CAPACITY BUILDING IN TAXONOMY (AICOPTAX)	24361712 24362127(F)	23074000	417	408	417
Roop Kishore, PS	24361712		408		408
<b>A.K. GOYAL, JS</b> (Admn. Incl. GA, GC, Parl., IWSU, Protocol, PG Redressal Cell, Admn. of R. O., BSI, ZSI, BGIR, GBPIHED, SACON, Bio-Safety incl. Cartagena Protocol, Ramsar Conv., Wetlands.	24351774		440	432	440
Rajeev Sharma,& R.K.Dhir , PA			432		432
<b>IGF</b>					
<b>DR. RAJESH GOPAL</b> IGF, (PROJECT TIGER)	23384428	24652901 09868286591			BH
<b>A.N. PRASAD</b> IGF, (PROJECT ELEPHANT)	24360957	55697779	113	111	113
SARASWATI RAJAGOPALAN, PPS	24367159		111		111
<b>K.B. THAMPI</b> IGF, (NATIONAL AFFORESTATION AND ECO-DEVELOPMENT BOARD)	24367404	23070359	710	709	710
Vijay Kumar, PS	24367404		709		709
<b>DR. R.B.LAL</b> IGF, (WILD LIFE)	24360740	26171298	106	107	106
Mahesh Gupta, PS	24366842		107		107
<b>ANSAR AHMED</b> , IGF, (EXTERNALLY AIDED PROJECT, FOREST CONSERVATION, NORTH-EAST CELL)	24362698	26262622	115	120	115
<b>ADVISERS</b>					
<b>G.K.PANDEY, ADVISER</b> ENVIRONMENTAL HEALTH, WORLD BANK INDUSTRIAL DEVELOPMENT CAPACITY PROJECT, IMPACT ASSESSMENT relating to THERMAL POWER & BUILDING CONSTRUCTION SECTORS	24360467	24679672	531	529	531
<b>M. SENGUPTA, ADVISER</b> NATIONAL RIVER CONSERVATION DIRECTORATE (NRCD), NATIONAL LAKE CONSERVATION PLAN (NLCP), CLEAN PRODUCTION/CLEAN TECHNOLOGY	24369629	26101487	548	553	548
<b>R. MEHTA - ADVISER</b> ENVIRONMENT EDUCATION (INCLUDING LIBRARY), RESEARCH IN ENVIRONMENT,	24362840	24674523	543	553	543

GLOBAL PUBLIC GOODS					
<b>DR.S.P. SHARMA -(STATISTICAL ADVISER)</b> ANNUAL REPORT, 'STATE OF ENVIRONMENT' REPORTS, ENVIRONMENTAL INFORMATION, STATISTICAL CELL, INDIRA GANDHI PARYAVARAN PURASKAR, NGO CELL	24360695	25944162	103		103
<b>DR.SUBODH K. SHARMA –ADVISER</b> NATIONAL COMMUNICATIONS (NATCOM), IPCC &ALL OTHER SCIENTIFIC SCIENTIFIC/TECHNICAL WORKS RELATED TO CLIMATE CHANGE	24360861	26874633	112		112
<b>R.S. AHLAWAT –ECONOMIC ADVISER</b> PLAN COORDINATION, ECONOMIC CELL, TRADE & ENVIRONMENT	24362663	27678453	908		908
<b>DR.NALINI BHAT – ADVISER</b> CONTROL OF POLLUTION(CP),CEPS,ENVIRONMENT LABORATORY,CREP,FORMULATION OF STANDARDS &NOISE POLLUTION,IMPACT ASSESSMENT RELATING TO INDUSTRY,INFRASTRUCTURE,RIVER VALLEY AND MINING SECTORS, SOURCE APPORTIONMENT STUDIES AND MALE DECLARATION.	24360478	26137801	541		541
<b>DR. INDRANI CHANDRASHEKHAN – ADVISER</b> ROTTERDAM CONVENTION, SAICM, NDMA, CHEMICAL DISASTER, MSWM, MSIHC RULES, CHEMICAL ACCIDENT RULES, CHEMICAL SAFETY, STOCKHOLM CONVENTION, PLASTIC MANUFACTURE & USAGE RULES, IMPLEMENTATION OF MSW RULES, PUBLIC LIABILITY INSURANCE & RELATED COURT MATTERS	24360662	26125129	741	705	741
<b>DR.G.V. SUBRAMANIAM – ADVISER</b> RESEARCH IN ENVIRONMENT, FLY ASH AND ECOLOGICALLY SENSITIVE AREAS , ALSO,WORK RELATING TO DIRECTOR NMNH	24364594	24363143	601		601
<b>DIGFS</b>					
J.V.SHARMA (NFAP, FP, FIC)	24360549	26264539	520	565	520
A.K.JOHARI (RT)	24364624	26265344	513	564	513
SMT. REKHA PAI (FPD)	24362875	26888248	515	583	515
Dr. BIPIN BIHARI (SU)	24360704	24109900	503	504	503
SANJAY KUMAR ( NAEB)	24362416	26265343	705		705
ANMOL KUMAR (WL)	24362813	24636264	519	514	519
<b>DIRECTORS</b>					
S.K. AGRAWAL (ADMN.- P-I,II,III & CC part of expert committee )	24365218	26011999	505	504	505
VIJAY KUMAR, (VIG)	24366841	22777148	535	536	535
SURENDRA KUMAR (GA & Parliament and addl .charge of CP Division )	24361613	24674577	116	120	116

R.K. SETHI (CC)	24362252	25529703	135	136	135
Ms.S.V. AULLUCK (IA-MON. & EVALUTION)	24360060	27475816	538		538
SANJIV SWARUP (NRCD)	24368442	26266978	140	115	140
R.C. MEENA ( Environment Education)	24360783	26875533	906	905	906
J.L.CHUGH (FE)	24364303	25100767	918	916	918
S. JAGANNATHAN (IFD,NRCD)	24360678	26871242	522		522
DR. UDAY SHANKAR , IFD(Forest &NAEB)	24362387	22393699	917	916	917
Dr.JAGRAM (CP: Eco-Cities)	24367640	26263640	739		739
J.R.BHATT(CS, FRLHT, Janki Amal National Award for Texonomy)	24363962	26263961	546		546
B.SIKKA (NRCD) NRCP works.	24365020	22468415	122	145	122
BHARATBHUSHAN (IA, Construction Projects in all states except Maharashtra and Haryana)	24360678	2586666	516	514	516
Dr.S.KAUL (Ramsar convention&National Wetlands conservation programme, SACON as centre of Excellence)	24360492	26178917	602	606	602
Dr. A.DURASAMY (OZONE CELL)	24642176	23389939			IHC
P.L.AHUJA RAI (IA: IP, CHEMICAL & O&NG & DISTILLERIES)	24363973	91329360	174		1029
Dr. RASHID HASAN (WL division)	24360734	95120-2885893	740		740
Dr.T. CHANDANI (IA: CMP)	24363963	24360108	172		1027
YOGESH SHARMA, (NRCD)	24365721	26256044	141	138	141
MRS. R. DALWANI (NRCD)	24364789	25774360	142		142
VIVEK SAXENA (GBPIHED and ICIMOD, AGMUT Cadre of IFS &ACR Cell ,ADDL. Charge of IFS )	24367077	9999295320	431		431
R. WARRIER (CS)	24363964	95124-2560337	530		530
Dr. SATISH KUMAR AGARWAL (IA-MINING)	24362434	27144371	545		545
ASHOK BHATIA (RE)	24367625	25749173	552		552
Dr. M. SUBBA RAO (HSMD: HPC,WHO,HW,CIDA)	24361410	65152731	738		738
Dr. NASEEM AHMED (RE)	24367677	22916987	927		927
MRS.C.CHOWDHARY (HSMD: POP,CHEM,MSIHC)	24367652	26265899	551		551
Ms. DIAS ERMELINDA MARIA J (E-Governance &NAEB )	24360667	26261929	610		610
<b>ADDITIONAL DIRECTORS</b>					
Dr. S. BHOWMIK (IA: RIVER V., ECO SEN.ZONES, IND.)	24362827	26172153	539		539
R.N JINDAL, CP	24366347	22528356	556		556

Dr. SAROJ (World Bank Industrial Development Capacity project Rotterdam Convention)	24364067	23782253	751	751
E.V.MULEY (BSI,ZSI and BGIR)	24363962	23387429	558	558
M.SALAHUDDIN (WASTE MINIMIZATION, CT)	24364595		743	743
<b>Dr. R.K.Rai (CS: BIO DIV)</b>	24367669	26250928	612	612
S.V REDDY (OZONE CELL)	24641665	26179578		IHC
MRS. Manju RAINA (NRCD)	24360270	26281250	117	117
B.B. BARMAN (NRCD)	24363007	26266142	118	118
Dr. K.C.RATHORE (NRCD)	24360789	2774991-95120	144	144
LALIT KAPOOR (NRCD)	24368526	25937555	143	143
M.HOTA (capacity Building Project on Bio-safety & Environmental Health)	24367663	26265386	914	914
R.K SURI ( NNRMS)	24361668	26176469	913	913
A. SENTHILVEL (IA: INF. P., CRZ)	24360694	24363791	744	744
DR. P.B.Rastogi Impact Assessment(Industry)	24367668	25082030	550	550
Dr. Sujata KHAPARDE (EE: SEMINAR & SYMPOSIA)	24367668	26561220	557	557
RITA KHANNA (,Grant of financial assistance for seminars/symposia/workshops) all work related to LIBRARY	24367664	22563801	176/ 173	1028
Dr.SUJATA ARORA (CBD and NBAP.)	24361601	25514950	737	737
MRS. Sanchita. JINDAL (IA: TPP, CP)	24360488	26497274	752	752
MR.S.C.GARKOTI (IA: MP,SCMC, CGWA)	24360171	24365062	443	443
RAJIV SINHA (NRCD)	24363869	0120-2901571	133	133
Dr. A.K TYAGI (RE)	24367670	27047956	609	609
DR.H.Ahmed (NRCD)			123	123

<b>DEPUTY SECRETARIES</b>					
MS RAJASREE RAY (CC)	24361223	24366513	444		444
P.S. SHARMA (GC/ IWSU & RTI)	24360659		616		616
SAMEER KR. SRIVASTAVA ( IC-II)	24362612	26442777	603	606	603
MS PRATIBHA RAJ ( Plan Coordination and Trade & Environment and addl. Charge of RO(HQ)	24366739	24679047	745		745
C.L LANGAIN (NGO Cell )	24360769	26265190	604		604
K.V MATHEW (MEDIA & NMNH)	24364631	26015605	527		527
Smt.Saheli .Ghosh Roy (PL & ICS&D-1)			707		707
Shri Agrim Kaushal (NAEB Admn and Development of Forests villages)	24364642		704		704
Shri Anjani Kumar (AW)	23318553	95120-2482241	8 <sup>th</sup> Floor ,JP Building,25 Kasturba Gandhi Road, New Delhi		
ISHWER SINGH (SR. LAW OFFICER)	24362758	26104375	614	629	614
<b>ASST. INSPECTOR GEN. OF FORESTS</b>					
A.K. JOSHI (FC)	24363970	24366608	512		512
DEBASIS JANA (NAEB)	24362497	24501892	706		706
UMAKANT, FPD	24363974	29235090	517		517
Mr. C.D.Singh	24363984		523		523
<b>JOINT DIRECTORS</b>					
Shri Ganga Singh(NTCA)	23389883	Bikaner House Shahjahan Road, N.Delhi			
MADHUMITA BISWAS (ENVIS & Annual Report(EI Division)	24360488	24367754	750		750
H.S. MALVIYA	24360806		175		1030
Mr.Pramod Krishnan JD(WL)	24361795		717		717
DR. Tashi. WANGDI, J.D.(NTCA)	24360806	26266318	177		1033
Sh Sanjay Singh			127		127
<b>UNDER SECRETARIES</b>					
ZAFRUL ISLAM (CP Division)		29258971	518		518
BALDEV RAJ (IFS-I)	24363983	65691500	511		511
MEHAR SINGH (NAEB)	24362513	24690616	714		714
D.P SINGH (Forest Finance)			180		905
Sh.U.Chatterjee (GA & Trade & Environment alongwith addl.charge of NAEB)			924		924
ASHOK KUMAR (IFS-II)	24362459	24619273	544		544
B. B. BABBAR (IFD: NAEB)	24361722		703		703
M.L PARASHAR (NRCD)	24363553	25089506	129		129

B.C.BEHERA (IFS-II and Desertification cell)	24367404	24620487	443		443
Ashok Bansal (IFD)			169		1024
Satyajit Misra (GC, Parliament and Protocol)	24361668		910		910
Shri Hemant Kumar Srivastava					
D.C. SHARMA (IFD, NRCD)	24364901	N/A	128		128
O.P JOSHI (AW)	23318554	J.P.BUILDING, C.P.			
Shri V.K.Srivastava (SU)			567		567
RITA TAYAL (NAEB)	24360353	22750803	718		718
R.K. ARORA (On Training)	24362290	24621466	911		911
C.UPPILI (NRCD)	24363553	26115358	207		113
M. L. WADHWANI (P.I)			915		915
P.K. AGGARWAL (Forest International Cooperation Division)			524		524
Mrs. PREMA MOHAN (P-II)			912		912
Mrs.Mal ti Rawat (FE ,NMNH)					
Shri P.S.Rana (P-III)					
<b>DEPUTY DIRECTORS</b>					
P. Subramaniam, (WL Crime control bureau)(NR)	23384556		BK HOUSE		
Sushil .K. SRIVASTAVA, ,NRCD	24365199	95120-2861159	147		146
L.K. BOKOLIA (NRCD)	24362758	25732184	626		626
SHRUTI RAI (CBD)	24360060	26250928	540		540
AJAY RAGHAV (NRCD)	24362735	27013149	136		134
NEERAJ KHATRI, CDM, NRCD	24365199		146		146
OM PRAKASH (IA)	24361669	26880061	746		746
W. BHARAT SINGH, IA	24367257	22718208	549		549
P.S. RAWAT, Indira Gandhi Paryavaran Purasakar(EI division)	24361669	246107666	502		502
E.Thirunavukkarasu			177		1032
<b>RESEARCH OFFICERS</b>					
Madhu GUPTA GR-II (CS)			748		748
KIRAN BUDHIRAJA GR-II (EE)			547		547
Dr. P.B. SUBBRAO GR-II (IA)			555		555
DEY GR-II (EE)			562		562
P SAKHRE GR-II (IA)			571		571
Dr. HARENDRA KHARAKWAL Env.GR-II (AICOPTAX & Medicinal plants (CS Division)			571		571
<b>SCIENTIST-B</b>					
Dr. RUBAB JAFFAR			528		528
ASHOK KUMAR (NAEB)	24362457		716		716



CHANDAN SINGH	24361669	22135117	748		748
<b>HINDI-DIVISION</b>					
JAINARAIN, Director(OL)	24361952	27945854	625		625
Babu Lal, Dy. Director(OL)	24361341		625		625
N.S.RANA, ASST. DIRECTOR (OL)	24367334	22912137	904		904
<b>PAY &amp; ACCOUNTS OFFICE</b>					
MANOJ SETHI (CA)	24361116		157	158	1011
S.K.Bhattachargee (SR.AO)			162		1017
S. Singh (SR.AO)			161		1016
S.K.Sinha PAO (HQ)			163		1015
Sunita Chopra, AAO			160		
<b>CIVIL CONSTRUCTION WING</b>					
A.K. TRIVEDI, CE (CCU)	24360643	26889113	728	726	728
Mr.A.Aundeswaran, SE			725		725
<b>PROTOCOL OFFICER</b>					
S.S BAKSHI	24360790	9891681140	931 /932		919
<b>SECTION OFFICERS</b>					
RENU SINGH (IFS-II)	24363965		560		507
PAVEEN KUMAR (P.I)	24363961		903 /929		903
K. RAMA VARMA (P.III)	24363953	22771753	907		907
ARUN KUMAR (P.II)	24363961	41720618	929 /903		903
S.P.Kakkar (IC-I) (On Training)			919		919
SHAMSHER SINGH (CR)	24360591		224		GF
P.C.Mamgain ,NAEB(B-VII Division)	24361669		532		532
MRS. R. BHUMA (IFD)	24360471	26178228	928		902
Mr. D.K..Gopal Sr.AO. (B&A)	24360471		928		902
S.S. PURI (PL)	24363975		930/ 931		919
S.M. PRASAD (IC.II)	24363975		919		919
Mrs.Saroj (IC.I)	24363975		919		919
Mr. Makkad (PC)	24361669		507		507
ASHOK Kumar Bhardwaj (CC)	24361669		923		923
Harkesh Chander (IFS.I)	24363965		562		507
J.K.CHAKRAVARTY (RT)	24361669		114		114
Shri S.K. Babra (CS-I)	24361669		605		605/ 631
S. CHAKARABORTY& VIJAY SINGH (CS-II)	24363951		606		606
RE Section	24361669		554		554
Yashwant Singh, EAP Division	24361669		809		804
Nand Kishor, JR. ANALYST (IWSU)	24360471	29561285	902		902

Shiv Kumar (FC)	24361669		532		532
C.L.DOGRA (HSMD)	24360734	25517645 9312660615	742		742
Sh.M.Jena,(CS –III)	24361669		606		606
G.C. MANDAL (DDO:NRCD)	24367145		121		111
D.V. KUMBHARE ( FF)	24363965		511		513
M.T. GEORGE (VIGILANCE)	24363965	26257067	508		508
Sh,Vinod Kumar, DDO, Cash	24361669		435		435
MS. SUNITA (NAEB: B.I)	24364983		807		807
MS. VEENA AHUJA (FP)	24361669		537		537
VINOD SINGHAL (FPD)	24361669		501		501
S. MULWANI (PARL.)	24362290		909		909
SO (GC Section)	24361669		904		904
THARVINDER SINGH (CPW)	24361669		532		532
B.S. NANDHRA(CPA)	24361669		532		532
V. ABRAHAM (IA. I &-II)	24361669		533		533
S.C.Jain (AGMUT+ACR Cell)	24361669		507		507
RANDHIR SINGH (NAEB)	24363161		713		713
Shiv Charan (IA.- III )	24361669		164		1019
Satish Mohan (CT Division)	24361669		166		1022
Sarojini Saxena, Asstt (EE)	24361669		553		553
Shri Parmanand	24361669		119		119
P.R.Saha	24361669		134		134
Parveen Kumar Jha (GA)	24360767		221		GF
<b>TECHNICAL OFFICERS</b>					
R.K. DUTTA (RO HQ)	24361669	25012360	920	921	920
V.P.KATHURIA (AW)	24361669		531		531
CHANDRA RAWAT (WL)	24361669		531		531
R.S. MISHRA (NAEB)	24362457	26251043	747		714
BHULLAN SINGH (NAEB)	24362513		762		711
Rajesh Kumar			715		715
B.K.Srivastava			764		709
R.C.Meena Sr.T.O			762		709
<b>MISC. NUMBERS</b>					
DALBIR SINGH (PARL..ASST.)	24363953	26889269	909		909
CARETAKER	24360767		222		GF
CR/NIGHT DUTY CLERK	24360591		224		GF
KARAM CHAND (CASHIER)	24361669		430		430
MANAGER CANTEEN	24361669		227		GF
CANTEEN	24361669		229		GF
RECEPTION	24361669		225	223	GF
LIBRARY	24361669		173		1028

C.P. SINGH, JE, CPWD	24363506	9312241466			
Photocopy operator/Ges.Operator			901		901
Store GA			922		922
Record Room			749		749
Conference Hall(big)			403		403
Conference Hall (Small)			402		402
Technical .Officer,. Ms.L.Rashmi			114		114
Conference Room of DGF&SS			413		413
ENVIS SECRETARIAT			168		1023
<b>NIC COMPUTER CELL</b>					
Sanjay Gehlot, Sr.Tech.Director	24365326	55398270	<b>NIC HQ</b>		
Dr.R.K.Pathak, Technical Director	24360465	23073172	611		611
Anil Kumar,Scientist'D' NIC,Training Room	24363819	0120- 5564214	607		607

## **Distribution of work in the Ministry of Environment and Forests between Prime Minister (Minister of Environment and Forests) and Ministers of State (Environment and Forests).**

### **Matters to be put up to the Prime Minister (Minister of Environment and Forests) through the respective MoS, Environment and Forests**

- (i) All matters to be submitted to the President of India
- (ii) Notes and all matters relating to the Cabinet or any Committee of the Cabinet
- (iii) Cases where it is proposed to reject recommendations emanating from a Cabinet Minister in charge of another Ministry and Statutory bodies such as C&AG, UPSC, etc./ and expert committees set up by the Ministry
- (iv) All cases relating to appointment, promotion, disciplinary action, vigilance enquiry as regard to officers of the Ministry as well as attached offices and autonomous organizations of Group 'A' posts of the level of Joint Secretary and above
- (v) Important policy and legal matters
- (vi) Deputation abroad of Secretary, Environment and Forests or officers of equivalent level
- (vii) Important policy matters with respect to commitments in the NCMP that relate to the Ministry of Environment and Forests
- (viii) Constitution of Statutory Boards and Committees and Constitution of Board of Governors and members of Societies of institutions of the Ministry
- (ix) Any other matter that MoS feels should be brought to the notice of the PM

### **(2) Subjects to be allocated between MoS, Environment and MoS, Forests and Wildlife**

#### **Subjects relating to Environment**

- 1) Environment and Ecology, including Environment in Coastal Waters, in Mangroves and Coral Reefs but excluding Marine Environment on the High Seas
- 2) Environment Research and Education Training and Information and awareness
- 3) Environmental Health
- 4) Environment Impact Assessment
- 5) Survey and Exploration of Natural Resources, particularly of flora, fauna, & eco-system
- 6) Biodiversity Conservation including that of lakes and wetlands
- 7) Conservation Development and abatement of Pollution of rivers including National River Conservation Directorate
- 8) International Cooperation on issues concerning environment
- 9) Botanical Survey of India and Botanical Gardens

- 10) Zoological Survey of India
- 11) National Museum of Natural History
- 12) Biosphere Reserve Programme
- 13) Desert and Desertification
- 14) Central Pollution Control Board
- 15) GB Pant Institute of Himalayan Environment and Development
- 16) Prevention of Cruelty to Animals
- 17) Matters relating to Ponds and cattle Trespass
- 18) Gaushalas and Gausadans
- 19) Prevention of Cruelty to Animal Act.
- 20) National Environment Tribunal Act
- 21) National Environment Appellate Authority Act
- 22) The Water (Prevention and Control of Pollution) Act
- 23) The Water (Prevention and Control of Pollution) Cess Act
- 24) The Air (Prevention and Control of Pollution) Act
- 25) Environment (Protection) Act
- 26) The Public Liability Insurance Act
- 27) National Environment Policy and Environment Legislation
- 28) Various Awards of the Ministry of Environment and Forests (environment related)
- 29) Management of Hazardous Substances (incl. Implementation of Basel Convention)
- 30) Research Division, Environment Education, Environmental Information, Committees set up by Supreme Court, Legal Cell, Trade and Environment Issues, General Administration (logistics), and e-Governance
- 31) Starred/Unstarred Parliament Questions, Parliamentary Assurances, Special Mentions in RS, and Matters under Rule 377 in LS, and laying of Papers on the Table of the Houses of Parliament
- 32) Hindi Language Implementation Programmes
- 33) Modern Fire Fighting Methods
- 34) Ramsar Convention on Wetlands
- 35) Assistance to Botanical Gardens
- 36) All India Coordinated Project on taxonomy
- 37) National Biodiversity Authority and Convention on Biodiversity
- 38) Cartagena Protocol on Bio Safety
- 39) International Centre for Integrated Mountain Development (ICIMOD)\
- 40) Hazardous Substances Management including Basel, Rotterdam, Stockholm Conventions and SAICM
- 41) Climate Change including UNFCCC and Kyoto Protocol
- 42) Ozone Cell including Montreal Protocol
- 43) Clean Technology
- 44) Sustainable Development
- 45) Environment Information System

- 46) Global Public Goods
- 47) General Administration
- 48) Any other item of work which MEF may assign from time to time

### **(3) Subjects relating to Forests and Wildlife**

- 1) Forest Development Agencies and Joint Forest Management Programme for Conservation Management, and Afforestation
- 2) Survey of forests is with Forestry sector
- 3) Wetlands in Forest areas
- 4) Wildlife (PT) Conservation (PE) including National Tiger Conservation Authority and Project Elephant (WL)
- 5) International (EPA) Cooperaton issues concerning forest and wildlife(FIC)
- 6) National Forest Policy and Forestry Development including social forestry
- 7) Forest and Forest Administration in A & N Islands
- 8) IFS Cadre Management / IFS Establishment
- 9) Wildlife Preservation and protection of wildlife birds
- 10) Fundamental and Applied Research Training including higher education in forestry and wildlife
- 11) Padmaja Naidu Himalayan Zoological Park
- 12) National Assistance to Forestry Development Schemes
- 13) Indian Plywood Industries Research and Training Institutes.
- 14) Forest Survey of India
- 15) Wildlife Institute of India and Indian Board for Wildlife
- 16) Indian Institute of Forest Management
- 17) Central Zoo Authority and National Zoo Park
- 18) Indian Council for Forestry and Research Education
- 19) NAEB
- 20) A & N Islands Forest and Plantation Development Corp. Ltd.
- 21) The Indian Forest Act
- 22) The Wildlife (Protection) Act
- 23) The Forest (Conservation) Act
- 24) Conservation of Medicinal Plants in forest areas
- 25) Rehabilitation of rare and endangered species in forest areas
- 26) IUCN
- 27) CITES
- 28) UNFF
- 29) Global Public Goods relating to Forest areas

- 30) Increase in Forest Cover
- 31) Starred/Unstarred Parliament Questions, Parliamentary Assurances, Special mentions in RS, and matters under Rule 377 in LS, and laying of Papers on the Table of the Houses of Parliament
- 32) Awards of Forest Department
- 33) Hindi Language Implementation Programmes
- 34) Any other item of work which MEF may assign from time to time

## Allocation of work among Senior Officers in the Ministry

Sl. No.	Designation	Subject Matter
I.	<b>Special Secretary&amp;FA</b> Shri Raghu Menon Telefax: 24362388 Email:- rmenon.moca@nic.in	<ul style="list-style-type: none"> <li>• Examination and Concurrence of SFC/EFC/CCEA proposals of the Ministry.</li> <li>• Deputation Abroad</li> <li>• Release of Grants-in-aid</li> <li>• Financial matters of the Ministry</li> <li>• Remuneration received by officers and employees.</li> <li>• Preparation and Printing of Demands for Grants.</li> <li>• Submission of Action Taken Notes on Draft/Audit paras.</li> </ul>
II	<b>Additional Secretary</b> Sh.J.M.Mauskar, <b>Tel:24364687</b> Email: <b>jm.mauskar@nic.in</b>	<ul style="list-style-type: none"> <li>• Impact Assessment(IA)</li> <li>• Coastal Regulation Zones(CRZ)</li> <li>• Environmental Education(EE)</li> <li>• Research in Environment(RE)</li> <li>• Global Public Goods(GPG)</li> <li>• National Communications(NATCOM)</li> <li>• Climate Change (CC) (including CDM &amp; UNFCCC)</li> <li>• Ozone Cell and Montreal Protocol</li> </ul>
III	<b>Additional Secretary</b> (Shri B.S.Parsheera) Email:- parsheera-mef@nic.in	<ul style="list-style-type: none"> <li>• Bio-Safety including Cartagena Protocol</li> <li>• Genetic Engineering Approval Committee(GEAC)</li> <li>• Convention on Biological Diversity(CBD)</li> <li>• National Bio-diversity Strategy and Action Plan(NBSAP)</li> <li>• Tropical Botanical Garden and Research Institute(TBGRI)</li> <li>• Entities of Incomparable Value Regulations</li> <li>• Centre for Ecological Science</li> <li>• Foundation for Revitalization of Local Health Traditions(FRLHT)</li> <li>• Animal Welfare</li> <li>• Hindi (Official Language)</li> <li>• Wetlands and Ramsar Convention</li> <li>• National Biodiversity Authority(NBA)</li> </ul>



		<ul style="list-style-type: none"> <li>• Man and Biosphere Reserves Programme(MABP)</li> <li>• Coral Reefs and Mangroves</li> <li>• Biodiversity Conservation</li> <li>• All India Coordinated Project on Capacity Building in Taxonomy(AICOPTAX)</li> <li>• Assistance to Botanical Gardens</li> </ul>
IV	<p><b>Additional Secretary</b> (Shri R.H.Khwaja) Email:- rhkhwaja@hotmail.in</p>	<ul style="list-style-type: none"> <li>• Administration of Central Pollution Control Board(CPCB)</li> <li>• Clean Production /Technology</li> <li>• Hazardous Substances Management Division(HSMD)</li> <li>• National River Conservation Directorate(NRCD)</li> <li>• National Lake Conservation Plan(NLCP)</li> <li>• Environmental Policy &amp; Law (including Legal Cell)</li> <li>• Sustainable Development</li> <li>• World Bank Industrial Development Capacity Building Project</li> <li>• Environmental Health.</li> <li>• Environmental Information (EI)</li> <li>• Plan Coordination</li> <li>• Economic Cell</li> <li>• Trade and Environment</li> <li>• Statistical Cell</li> <li>• Media</li> <li>• United Nations Convention to Combat Desertification (UNCCD)</li> </ul>
1.	<p>Sh.G.Balachandhran, <b>Joint Secretary</b> <b>Tel:24362551</b> Email:gb-mef@nic.in</p>	<ul style="list-style-type: none"> <li>• E-Governance,</li> <li>• Convention on Biological Diversity (CBD)</li> <li>• National Bio-diversity Strategy &amp; Action Plan (NBSAP)</li> <li>• National Bio-diversity Authority(NBA)</li> <li>• Man and Bio-sphere Programme(MABP)</li> <li>• Entities of Incomparable Value Regulations,</li> <li>• Animal Welfare Board</li> <li>• Genetic Engineering Approval Committee(GEAC)</li> <li>• Bio-diversity Conservation</li> </ul>

2.	Shri R.K.Vaish <b>Joint Secretary</b> Tel: 24360634 Email: <a href="mailto:vaishrk@nic.in">vaishrk@nic.in</a>	<ul style="list-style-type: none"> <li>• Control of Pollution (CP)</li> <li>• HazardousSubstancesManagementDivision (HSMD)</li> <li>• CPCB Administration</li> </ul>
3	Shri Sudhir Mital, <b>Joint Secretary</b> <b>Tel:24363956</b> 23314932 Email:mital-sudhir@nic.in	<ul style="list-style-type: none"> <li>• International Cooperation(IC)(excluding 'State of Environment' reports)</li> <li>• Global Environment Facility(GEF)</li> <li>• Vigilance</li> <li>• National Museum of Natural History(NMNH)</li> <li>• Environment Policy and Law ( including Legal Cell)</li> <li>• Sustainable Development</li> <li>• United Nations Convention to Combat Desertification(UNCCD )</li> <li>• Media</li> <li>• IUCN-The World Conservation Union</li> </ul>
4.	Dr. B.P.Nilaratana <b>Joint Secretary</b> <b>Tel:-24361712</b> Email : jsbpn-mef@nic.in	<ul style="list-style-type: none"> <li>• Administration of Indian Forest Service</li> <li>• Forest Establishment</li> <li>• Ozone Cell &amp; Montreal Protocol</li> <li>• Coral Reefs and Mangroves</li> <li>• Tropical Botanical Garden and Research Institute(TBGRI)</li> <li>• Centre for Ecological Science</li> <li>• Foundation of Revitalization of Local Health Tradition (FRLHT)</li> <li>• Hindi(Official Language)</li> <li>• All India Coordinated Project on Capacity Building in Taxonomy(AICOPTAX)</li> </ul>
5.	Shri A.K.Goyal, <b>Joint Secretary</b> <b>Tel:24361774</b> Email: ak@nic.in Kr036@ifs.nic.in	<ul style="list-style-type: none"> <li>• Administration (including General Administration , General Coordination, Parliament, Internal Work Study Unit, Protocol, Public Grievance Redressal Cell, RTI and Administration of Regional Offices)</li> <li>• Botanical Survey of India(BSI)</li> <li>• Botanical Garden of Indian Republic(BGIR)</li> <li>• Zoological Survey of India(ZSI)</li> <li>• Assistance to Botanical Gardens</li> <li>• G.B. Pant Himalayan Institute of Environment Development(GBPHIED)</li> <li>• Salim Ali Centre for Ornithology &amp; Natural History(SACON)</li> </ul>

		<ul style="list-style-type: none"> <li>• International Centre for Integrated Mountain Development(ICIMOD)</li> <li>• Bio-safety including Cartagena Protocol</li> <li>• Wetlands and Ramsar Convention</li> </ul>
	<b>Advisers/Dy. Adv</b>	
7.	<p>Shri M.Sengupta, Adviser <b>Tel:24369629</b> 9871738714 Email:- msen2k@lycos.com Manotosh_sengupta@y ahoo.com</p>	<ul style="list-style-type: none"> <li>• National River Conservation Directorate(NRCD)</li> <li>• National Lake Conservation Plan(NLCP)</li> <li>• Clean Production/ Clean Technology</li> </ul>
8.	<p>Dr. Subodh Kumar Sharma Adviser <b>Tel:-24360861</b> Email:- <b>subodh.kumar@nic.in</b></p>	<ul style="list-style-type: none"> <li>• National Communications(NATCOM)</li> <li>• Inter-Governmental Panel on Climate Change(IPCC) and all other Scientific/Technical works related to Climate Change</li> </ul>
9.	<p>Dr.G.V.Subramaniam, Adviser <b>Tel:- 24364594</b> Email:- <b>gvs_moef2005@yahoo. co.in</b></p>	<ul style="list-style-type: none"> <li>• Fly ash</li> <li>• Research in Environment</li> <li>• Ecologically Sensitive Areas</li> <li>• Work relating to Director, NMNH</li> </ul>
10.	<p>Dr.G.K.Pandey Adviser Tel: 24360467 Email:- pandey@menf.delhi.nic.i n</p>	<ul style="list-style-type: none"> <li>• Environmental Health</li> <li>• World Bank Industrial, Development Capacity Project.</li> <li>• Impact Assessment relating to Thermal Power&amp; Building construction sectors.</li> </ul>
11.	<p>Shri R.Mehta, Adviser Tel: 24362840 Email: <b>rmehta@nic.in</b></p>	<ul style="list-style-type: none"> <li>• Environmental Education( including Library)</li> <li>• Research in Environment</li> <li>• Global Public Goods</li> </ul>
12.	<p>Sh.R.S. Ahlawat, Economic Adviser Tel: 24362663 Email:-rsahlawat- mef@nic.in</p>	<ul style="list-style-type: none"> <li>• Plan Coordination</li> <li>• Economic Cell</li> <li>• Trade &amp; Environment</li> </ul>

13.	Dr.S.P.Sharma, Statistical Adviser <b>Tel:24363021</b> Email:- sprasad.sharma@nic.in	<ul style="list-style-type: none"> <li>• Annual Report of the MoEF</li> <li>• 'State of Environment' Reports</li> <li>• Environmental Information(including Indira Gandhi Paryavaran Puraskar)</li> <li>• Statistical Cell, NGO Cell</li> </ul>
14	Dr.Indrani Chandrasekharan, Adviser <b>Tel:-24360662</b> Email:- <b>indu@nic.in</b>	<ul style="list-style-type: none"> <li>• Hazardous Substances Management Division(HSMD)</li> <li>• Chemical Safety including Manufacture, Storage and import of Hazardous chemicals.</li> <li>• Public Liability Insurance and related Court matters, Implementation of MSW Rules.</li> <li>• Stockholm Convention on POPs.</li> <li>• Solid Wastes Management including Municipal Solid Wastes</li> <li>• Recycled Plastics (Manufacture and Usage Rules.</li> <li>• Strategic Approach to International Chemicals Management(SAICM)</li> <li>• National Disaster Management Authority(NDMA)</li> </ul>
15.	Dr.Nalini Bhatt, Adviser <b>Tel:-24360478</b> Email:- <b>nalini.bhatt@nic.in</b>	<ul style="list-style-type: none"> <li>• Air/Noise Pollution, Setting of Standards, Coal Beneficiation, Recognition of Laboratories, Taj Projects, Custom Duty Exemption, Working Group on Pollution Abatement, Appeals under Air Act.</li> <li>• CREP, Impact Assessment relating to Industry, Infrastructure, River Valley and mining Sectors.</li> <li>• Source Apportionment Studies and Male Declaration.</li> </ul>
16	Ms.GurPyari,, Addl.Eco.Adviser <b>Tel:-24368843</b> Email	<ul style="list-style-type: none"> <li>• Economic Cell</li> <li>• Member-Secretary Cell on Sexual Harassment against Women</li> </ul>
<b>IGFs</b>		

17	Dr.R.B.Lal, IGF Tel: 24360740 Email:-igfwl-mef@nic.in	<ul style="list-style-type: none"> <li>• Wildlife, WLROs, CITES</li> <li>• National Parks &amp; Sanctuaries, WHC, NZP, CZA, NBWLF, CMS, UNESCO</li> </ul>
18.	Shri K.B.Thampi, IGF <b>Tel:24367404</b> Email:-kbthampi-mef@nic.in	<ul style="list-style-type: none"> <li>• NAEB, FDAs/NAP(28 States)</li> <li>• Policy matters related to afforestation, grants-in-aid for Greening India Scheme</li> <li>• Eco-developments schemes, Eco-developments schemes, M&amp;E and IPVM Awards.</li> </ul>
19.	Shri Ansar Ahmed IGF(FC/EAP) <b>Tel:- 24362698</b> Email:- ansarahmed51@yahoo.com	<ul style="list-style-type: none"> <li>• Forest Conservation(FC)</li> <li>• Regional Offices(Ros)</li> <li>• Forestry Research and Training &amp; Forest Policy</li> <li>• Externally Aided Projects(EAP) &amp; NE Cell</li> <li>• Survey and Utilization(SU)</li> <li>• Forest Protection Division(FPD)</li> </ul>
20.	Shri A.N.Prasad, IGF& Director(PE) Tel: 24360957 Email: <b>gajendra@nic.in</b>	<ul style="list-style-type: none"> <li>• Project Elephant</li> <li>• Wildlife Institute of India and Wildlife Crime Control Bureau Cells</li> </ul>
21.	Shri Rajesh Gopal IGF& Director(PT) <b>Tel:-23384428</b> Email:- <b>dirpt-r@nic.in</b>	<ul style="list-style-type: none"> <li>• All matters relating to National Tiger Conservation Authority(NTCA)</li> </ul>
<b>DIGFs /AIGFs</b>		
22.	Smt. Rekha Pai DIGF (FPD) Tel.No.24362875 E-mail: rekhapai2003@yahoo.com	<ul style="list-style-type: none"> <li>• Forest Protection Division</li> <li>• Joint Forest Management (JFM) Cell</li> <li>• LULUCF under United Nation Framework Convention on Climate Change(UNFCCC)</li> </ul>
23.	Sh.A.K.Johari DIGF(RT) T.No.24364624 E-mail <b>Johari60@yahoo.com</b>	<ul style="list-style-type: none"> <li>• Forestry Research and Training</li> <li>• Asia-Pacific Forest Invasion Network(APFISN)</li> <li>• International Network for Bamboo and Rattan (INBAR)</li> <li>• Administrative and Financial matters of</li> </ul>

		ICFRE, IGNFA, DFE ,FSI, IPIRTI and IIFM.
24.	Dr. Bipin Behari, DIGF(SU) Tel: 24360704 E-mail <b>b.behari@nic.in</b>	<ul style="list-style-type: none"> <li>• Survey &amp; Utilization, ITTO.</li> </ul>
25.	Shri J.V.Sharma DIG(FP, NFAP, FIC) E-mail:- Jvsharma2000 @yahoo.com <b>jvsharma@menf.delhi.nic.in</b> T.No.24360549	<ul style="list-style-type: none"> <li>• Forest Policy</li> <li>• NFAP</li> <li>• Forest International Cooperation(FIC)</li> <li>• National Forest Commission(NFC)</li> </ul>
26.	Sh Sanjay Kumar, DIGF,(NAEB) T.No.24362416 e-mail:- <b>skumar_ifs@yahoo.co.in</b>	<ul style="list-style-type: none"> <li>• NAEB,FDA/NAP(12States)</li> <li>• Policy matters related to afforestation</li> <li>• 20 point programme</li> <li>• M&amp;E Communication</li> <li>• United Nations Convention to Combat Desertification(UNCCD)</li> </ul>
27.	Shi Anmol kumar, DIGF T.No.24362813 Aka6@indiatimes.com	<ul style="list-style-type: none"> <li>• Wildlife, Wildlife Regional Offices</li> <li>• World Heritage convention</li> <li>• National Zoological Park</li> <li>• Central Zoo Authority</li> <li>• National Board of Wildlife</li> <li>• Matter relating to International Conservation Union, Convention on Migratory Species, UNESCO.</li> </ul>
28.	Shri C.D.Singh, AIGF <b>Tel:- 24363984</b> Email:- <b>cdsingh.1987@rediffmail.com</b>	<ul style="list-style-type: none"> <li>• Forest Conservation, (Forest Conservation Act, 1980).</li> </ul>
29	Sh. C.D.Singh/A.K.Joshi AIGF(Officiating) Tel: 24361316 Email:- <b>cdsingh.1987@rediffmail.com</b>	<ul style="list-style-type: none"> <li>• Forest Conservation, (Forest Conservation Act,1980).</li> <li>• Compensatory Afforestation Management Authority(CAMPA)</li> </ul>

	<b>il.com</b>	
30.	Shri A.K.Joshi, AIGF <b>Tel:24363970</b> Email:- <b>akjoshi@nic.in</b>	<ul style="list-style-type: none"> <li>• Forest Conservation (Forest Conservation Act,1980)</li> </ul>
31	Shri Debasis Jana, AIGF Tel: 24362497 Email:- ebm36@yahoo.com Debasisjana2002@rediffmail.com	<ul style="list-style-type: none"> <li>• NAEB, FDAs/NAP(6 States)</li> <li>• Policy matters related to NAP</li> <li>• Tree planting on farm lands and CEMDE</li> </ul>
32.	Shri Umakant, AIGF <b>Tel:24363974</b> E-mail:ukant1996@yahoo.co.in	<ul style="list-style-type: none"> <li>• Work relating to EAP/NE Cell, in addition to existing work of FPD</li> </ul>
<b>Director's</b>		
33.	Shri Sanjay Kumar Srivastava, Director, Tel: 24362065 Email:- <b>sk.srivastava@nic.in</b>	<ul style="list-style-type: none"> <li>• FDA/NAP(10 States)</li> <li>• Grants –in-Aid for Greening India Scheme</li> <li>• Development of Forest Village Schemes</li> <li>• Gram Van Yojna Scheme and National Afforestation</li> <li>• Eco-Development Board(NAEB).</li> </ul>
34.	Sh. Surendra Kumar, Director <b>Tel:24361613</b> Email:- <b>kr063@ifs.nic.in</b>	<ul style="list-style-type: none"> <li>• General Administration</li> <li>• Parliament, and addl. charge of CP Division</li> </ul>
35.	Shri Satish Kumar Agarwal, Director, Tel: 24362434 Email: <b>skagrawalsatish@Yahoo.co.in</b> <b>Satish.ka@nic.in</b>	<ul style="list-style-type: none"> <li>• Administration</li> <li>• Public Grievance Redressal Cell</li> <li>• Establishment of Regional Offices</li> <li>• Creation and continuance of posts.</li> </ul>
36.	Shri Vijay Kumar, Director <b>Tel:- 24366841</b> Email:-kravij@yahoo.com	<ul style="list-style-type: none"> <li>• Vigilance matters</li> </ul>
37.	Shri J.L.Chugh, Director, <b>Tel:- 24364303</b>	<ul style="list-style-type: none"> <li>• Forests Establishment</li> </ul>

	Email:- <a href="mailto:jlchugh@nic.in">jlchugh@nic.in</a>	
38.	Shri Sanjeev Swaroop, Director, Tel: 24368442 Email:- <a href="mailto:dirnr.cd@nic.in">dirnr.cd@nic.in</a>	<ul style="list-style-type: none"> <li>• National River Conservation Directorate(NRCD)</li> <li>• Administration Co-ordination of IC&amp; Training Budget</li> <li>• Annual Plan</li> <li>• Co-ordination of Parliamentary matters/Committees of NRCA</li> <li>• Coordination work of NRCP/GAP including Parliament Questions</li> <li>• Matters of general nature requiring co-ordination</li> <li>• Co-ordination of YAP</li> <li>• Works of publicity, public participation and Media</li> </ul>
39.	Shri Vivek Saxena, Director, <b>Tel:-</b> 24367077 Email:- <a href="mailto:hro62@ifs.nic.in">hro62@ifs.nic.in</a>	<ul style="list-style-type: none"> <li>• Animal Welfare including Animal Welfare Board matters in the MoEF</li> <li>• G.B.Pant Himalayan Institute of Environment Development(GBPHIED)</li> <li>• International Centre for Integrated Mountain Development (ICIMOD)</li> <li>• Cadre Management of AGMUT&amp; Cadre Management of Indian Forest Service (IFS) and ACR Cell of IFS Officers</li> </ul>
40	Shri R.K.Sethi, Director, <b>Tel:-</b> 24362252 Email:- <a href="mailto:rksethi@nic.in">rksethi@nic.in</a>	<ul style="list-style-type: none"> <li>• Climate Change(CC) (including CDM &amp; UNFCCC)</li> <li>• Global Warming &amp; Kyoto protocol.</li> </ul>
41.	Shri R.C.Meena, Director(EE), <b>Tel:-</b> 24360783 Email:- <a href="mailto:rc.meena@nic.in">rc.meena@nic.in</a>	<ul style="list-style-type: none"> <li>• Corps/Eco-clubs</li> <li>• Participation of Ministry and its allied officers in Exhibitions/Fairs.</li> <li>• Grant of financial assistance for other awareness programmes</li> <li>• Grant of financial assistance for organization of training programmes</li> </ul>
42.	Shri S.Jagannathan, Director, <b>Tel:-</b> 24360588 Email:- <a href="mailto:jsrr999@yahoo.com">jsrr999@yahoo.com</a>	<ul style="list-style-type: none"> <li>• Integrated Finance Division on Environment and NRCD</li> </ul>



43.	Shri Uday Shankar, Director Tel:24362387	<ul style="list-style-type: none"> <li>• Integrated Finance Division on Forest, NAEB &amp; Wildlife</li> </ul>
44	Dr.R.Hasan, Director(Scientific) Tel: 24360734 Email:- <b>hasan-mef@nic.in</b>	<ul style="list-style-type: none"> <li>• Wildlife Management matters.</li> </ul>
45.	Shri B.Sikka, Director(Scientific) <b>Tel:-</b> 24365020 Email:- <b>bsikka@yahoo.com</b>	<ul style="list-style-type: none"> <li>• NRCP works of U.P., Punjab, H.P., Haryana &amp; Rajasthan</li> <li>• Complete coordination of JICA Study</li> <li>• NLCP works of J&amp;K.</li> </ul>
46.	Shri Yogesh Sharma, Director(Scientific) Tel: 24366008 Email:- <b>Yogesh-mef@nic.in</b>	<ul style="list-style-type: none"> <li>• NRCP works of Kerala,Goa &amp; Uttarakhand and</li> <li>• NLCP works of Uttrakhand.</li> </ul>
47.	Dr(Mrs) R.Dalwani, Director(Scientific) <b>Tel:-</b> 24364789 Email:- <b>rdalwani@yahoo.com</b>	<ul style="list-style-type: none"> <li>• NLCP Coordination and works of NLCP for all states other than J&amp;K, Uttarakhand And West Bengal.</li> <li>• R&amp;D Projects.</li> <li>• Water Quality Monitoring of Rivers under NRCP including sediments and Analytical Quality control.</li> <li>• Performance Monitoring of STPs.</li> </ul>
48.	Dr.S.Kaul, Director(Scientific) <b>Tel:-</b> 24360492 Email:- <b>kaul52@yahoo.com</b>	<ul style="list-style-type: none"> <li>• Ramsar Convention</li> <li>• National Wetlands Conservation Programme SACON as Centre of Excellence</li> </ul>
49.	Dr. Jagram, Director(Scientific) <b>Tel:-</b> 24367640 Email:- <b>jagram@nic.in</b>	<ul style="list-style-type: none"> <li>• Control of Pollution(CP)</li> <li>• Environmental Authorities</li> <li>• Eco-cities</li> <li>• Pollution Awards</li> </ul>
50.	Dr.J.R.Bhatt, Director(Scientific) <b>Tel:-24363962</b> Email:- <b>jrbhatt@nic.in</b>	<ul style="list-style-type: none"> <li>• Coral Reefs &amp; Mangroves except CRZ, AICOPTAX(All Coordinated Project on Capacity Building in Taxonomy</li> <li>• CES on Medicinal Plan Foundation of Revitalization of Local Health Tradition (FRLHT)</li> </ul>

		<ul style="list-style-type: none"> <li>• Janaki Amal National Award for Texonomy</li> </ul>
51.	<p>Dr.A.Duraiswamy, Director(Scientific) <b>Tel:-</b> 24642176 Email:- <b>ozone- mef@nic.in</b></p>	<ul style="list-style-type: none"> <li>• Ozone Cell and Montreal Protocol</li> </ul>
52.	<p>Dr.(Mrs) Ranjini Warriar, Director(Scientific) <b>Tel:-24363964</b> Email:- <b>warriar@nic.in</b></p>	<ul style="list-style-type: none"> <li>• Genetic Engineering Approval Committee(GEAC)</li> <li>• Bio-safety Protocol</li> </ul>
53.	<p>Dr.S.K.Agarwal, Director(Scientific) <b>Tel:-</b> 24362434 Email:- <b>skag@nic.in</b></p>	<ul style="list-style-type: none"> <li>• Impact Assessment(IA)</li> <li>• Thermal Power Projects</li> <li>• Mining Projects</li> <li>• Nuclear Power Projects</li> <li>• All general issues and issues relating to Environmental Impact Assessment (EIA) notification.</li> </ul>
54.	<p>Dr.P.L.Ahujarai Director(Scientific) <b>Tel:-</b> 24363973 Email:- plahujarai@yahoo. com</p>	<ul style="list-style-type: none"> <li>• Impact Assessment(IA)</li> <li>• Non-Coal Mining Projects in AP, Karnataka, Kerals, TamilNadu, Goa, Chandigarh and Maharashtra</li> <li>• Industrial projects of oil</li> <li>• Gas and petroleum and Distilleries sector</li> </ul>
55.	<p>Shri Bharat Bhushan, Director (Scientific) <b>Tel:-</b> 24360795</p>	<ul style="list-style-type: none"> <li>• Impact Assessment(IA)</li> <li>• Construction Projects in all states except Maharashtra and Haryana</li> </ul>
56.	<p>Dr.T. Chandni, Director(Scientific) <b>Tel:-</b> 24363963</p>	<ul style="list-style-type: none"> <li>• . Impact Assessment (IA)</li> <li>• Coal Mining Projects</li> </ul>
57	<p>Dr. Naseem Ahmed, Director(Scientific) <b>Tel:-</b> 24363677 Email:- <b>naseem552004@yahoo.</b></p>	<ul style="list-style-type: none"> <li>• Eco-system Research Programme &amp; Eastern and Western Ghat Research Programme</li> <li>• Thematic Expert Group(A&amp;B) on Conservation and Sustainable Utilization of Natural Resource</li> </ul>

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58.	Shri Ashok Bhatia, Director(Scientific) <b>Tel:-24367625</b> Email:- forabhatia@yahoo.com	<ul style="list-style-type: none"> <li>• Environment Research Programme(ERP) Research proposals related to economic and social environmental issues</li> <li>• Thematic Expert Group on Prevention, Abatement and control of Pollution &amp; Thematic Expert Group on Economic and Social Issues</li> </ul>
59	Dr.(Mrs) Chanda Chaudhary Director(Scientific) <b>Tel: Email: chhandac@yahoo.com-</b>	<ul style="list-style-type: none"> <li>• Chemical Safety in Maximum Accident Hazard (MAH) Unit</li> </ul>
60.	Dr.M.Subba Rao, Director(Scientific) <b>Tel:- 24361410</b> Email:- wowsubbarao@yahoo.co.in	<ul style="list-style-type: none"> <li>• Biomedical Waste Management(Management &amp; Handling) Rules</li> <li>• Hazardous Waste (Management &amp; Handling) Rules</li> <li>• Batteries(Management &amp; Handling)Rules</li> <li>• Basel Convention on control of trans-boundary movement of hazardous waste &amp; Standing Committee on Hazardous Waste</li> </ul>
61.	Shri Jai Narayan, Director(OL) <b>Tel:- 24361952</b>	<ul style="list-style-type: none"> <li>• Hindi (Official Language)</li> </ul>

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<b>Addl. Director's</b>		
62	Shri Lalit Kapur, Addl. Director (Scientific) <b>Tel:-24368526</b>	<ul style="list-style-type: none"> <li>• NRCP works of Tamil Nadu, Delhi &amp; West Bengal</li> <li>• NLCP works of West Bengal.</li> </ul>
63.	Shri Rajiv Sinha, Addl. Director, (Scientific) <b>Tel:- 24363869</b> Email:- rsinha54@yahoo.com	<ul style="list-style-type: none"> <li>• NRCP works of Gujrat Maharashtra, Bihar, Jharkhand and Andhra Pradesh.</li> </ul>
64.	Shri B.B.Barman, Addl. Director (Scientific) <b>Tel:- 24363007</b> Email:	<ul style="list-style-type: none"> <li>• NRCP works of Orissa, North-East States, Maharashtra, Chhattisgarh and Karnataka</li> </ul>
65.	Dr(Mrs) Manju Raina, Addl. Director (Scientific) <b>Tel:- 24360270</b> Email:-	<ul style="list-style-type: none"> <li>• Control of Pollution (CP)</li> <li>• Water Quality, recognition of laboratories and Industrial Pollution</li> </ul>
66.	Shri R.N.Jindal, Addl. Director (Scientific) <b>Tel:-24366347</b> Email:- <b>rnjindal@yahoo.com</b>	<ul style="list-style-type: none"> <li>• Control of Pollution(CP)</li> <li>• Air Pollution, Vehicular and noise pollution.</li> </ul>
67.	Dr.S.Bhowmik, Addl. Director (Scientific) <b>Tel:- 24362827</b> Email:- <b>bhowmik@menf.delhi.nic.in</b>	<ul style="list-style-type: none"> <li>• Impact Assessment(IA)</li> <li>• River Valley Sector (Irrigation &amp; Hydro Electric Project)</li> <li>• Ecologically Sensitive area notifications</li> </ul>
68.	Dr.K.C.Rathore, Addl. Director (Scientific) <b>Tel:24360789</b> Email:- rathore27@yahoo.com	<ul style="list-style-type: none"> <li>• Impact Assessment(IA)</li> <li>• Construction Projects in Maharashtra and Haryana</li> </ul>

69.	Dr.E.V.Muley, Addl.Director (Scientific) <b>Tel:-24364593</b> Email:- <b>evmyley@nic.in</b>	<ul style="list-style-type: none"> <li>• Botanical Survey of India(BSI)</li> <li>• Zoological Survey of India(ZSI)</li> <li>• Botanic Garden of Indian Republic(BGIR)</li> </ul>
70.	Dr.R.K.Rai, Addl. Director (Scientific) <b>Tel:- 24367669</b> Email:- ramakrai@yahoo.com	<ul style="list-style-type: none"> <li>• National Bio-diversity Authority(NBA)</li> <li>• Man and Bio-sphere Programme(MABP)</li> <li>• Entities of Incomparable value Regulations.</li> <li>• UNDP-CCF II Orihects i.e (a) Medicinal Plants and (b) Biodiversity Conservation through community Participation</li> <li>• CES/IIsc Bangalore,</li> <li>• Assistance to Botanic Gardens.</li> </ul>
71.	Dr.Sujata Arora, Addl.Director (Scientific) <b>Tel:-24361601</b> Email:- <b>sujata@nic.in</b>	<ul style="list-style-type: none"> <li>• Diversity(CBD)</li> <li>• National Bio-diversity Strategy &amp; Action Plan(NBSAP)</li> </ul>
72.	Dr.P B.Rastogi, Addl. Director(Scientific) <b>Tel:-24367668</b> Email:- <b>pb.rastogi@nic.in</b>	<ul style="list-style-type: none"> <li>• Impact Assessment (Industry)</li> </ul>
73.	Dr.M.Hota, Addl. Director, (Scientific) <b>Tel:-24367663</b> Email:- <b>hota@nic.in</b>	<ul style="list-style-type: none"> <li>• Capacity Building Project on Bio-safety</li> <li>• Environmental Health</li> </ul>
74	Dr.M.Salahuddin, Addl.Director(Scientific) <b>Tel:- 24364595</b> Email:- <b>msal2007@gmail.com</b>	<ul style="list-style-type: none"> <li>• Clean Production/Clean Technology</li> </ul>
75	Dr.Senthil Vel, Addl.Director(Scientific) <b>Tel:-24360694</b> Email:-senthil.vel@nic.in	<ul style="list-style-type: none"> <li>• Coastal Regulation Zones (CRZ) and Infrastructure Projects</li> </ul>
76.	Dr. Saroj,Addl.Director (Scientific) <b>Tel:-24364067</b> Email:-	<ul style="list-style-type: none"> <li>• World Bank Industrial Development Capacity Project</li> <li>• Rotterdam Convention</li> </ul>

	sarojmoef@Yahoo.com	
77.	Mrs. Sujata Khaparde, Addl. Director (Scientific) <b>Tel:-</b> 24360379 Email:- sujatamk@yahoo.com	<ul style="list-style-type: none"> <li>• Centre for Environment Education, Ahmedabad</li> <li>• CPR Environmental Education Centre, Chennai</li> <li>• Setting up new Centres of Excellence</li> <li>• National Environment Awareness Campaign (NEAC)</li> <li>• Global Learning and observations to benefit the Environment (GLOBE) Programme</li> <li>• Formal Environment Education including coordination with MHRD, NCERT and State Education Departments</li> <li>• Strengthening of Environment in professional courses</li> <li>• Environmental Appreciation courses through IGNOU</li> </ul>
78.	Mrs. Rita Khanna, Addl. Director (Scientific) <b>Tel:-24367664</b> Email:- <b>rita_khanna_2000@yahoo.com</b>	<ul style="list-style-type: none"> <li>• Grant of financial assistance for Seminars/Symposia/Work shops</li> <li>• Grants-in-aid to professional societies/institutions</li> <li>• Grant of financial assistance for publications on Environment</li> <li>• All work related to Library</li> </ul>
79.	Dr. A.K. Tyagi, Addl. Director (Scientific) <b>Tel:-24367670</b>	<ul style="list-style-type: none"> <li>• Pitamber Pant National Environment Fellowship Dr. B.P. Pal</li> <li>• National Environment Fellowship for Biodiversity</li> <li>• Thematic Expert Group on conservation and management of Wildlife and Animal Welfare</li> </ul>
80.	Dr. R.K. Suri, Addl. Director (Scientific) <b>Tel:-</b> 24361668 Email:- rk_suri@yahoo.co.uk	<ul style="list-style-type: none"> <li>• NNRMS Programme</li> </ul>
81	Shri Sameer Srivastava Dy. Secretary, <b>Tel:-</b> 24362612 Email:- <b>sameer.ks@nic.in</b>	<ul style="list-style-type: none"> <li>• International Cooperation (IC&amp;SD II).</li> </ul>
82.	Ms. Pratibha Raj, Deputy Secretary <b>Tel:-</b> 24366739 Email:- <b>pratibha.raj@nic.in</b>	<ul style="list-style-type: none"> <li>• Plan Coordination ,</li> <li>• Trade &amp; Environment and Addl. Charge of RO (HQ)</li> </ul>

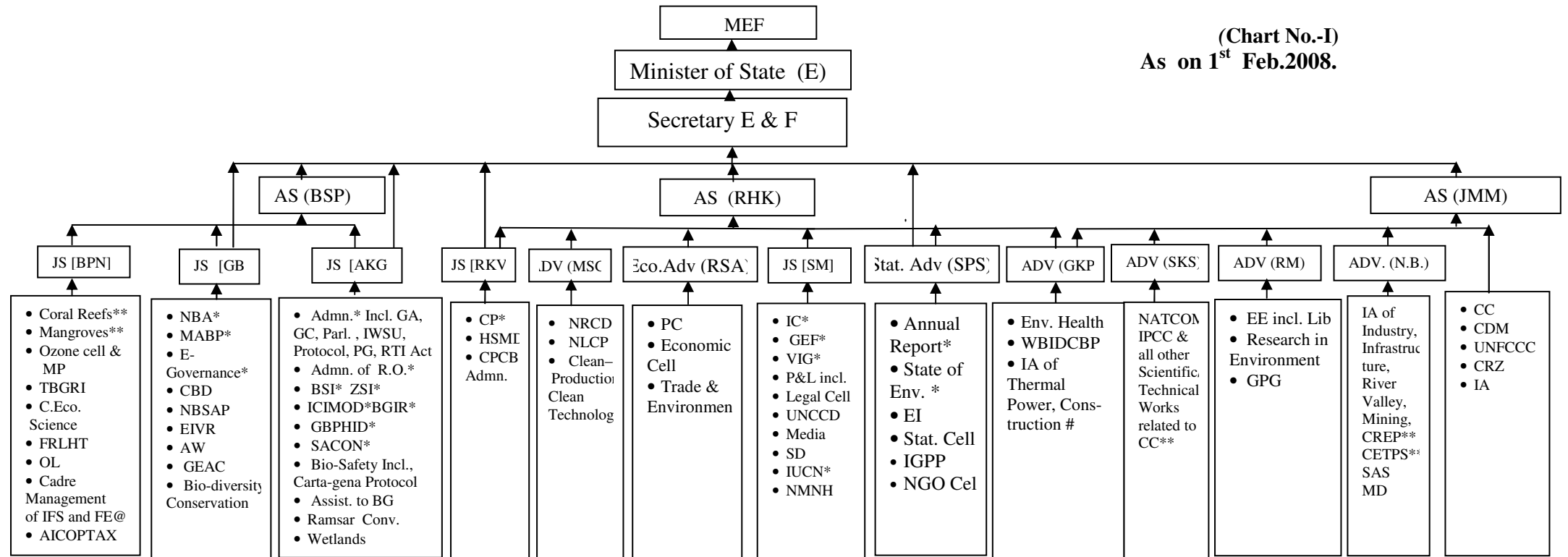
83.	Ms.Saheli Ghosh Roy Deputy Secretary, (PL),IC&SD-I <b>Tel:-24364642</b> Email:-	<ul style="list-style-type: none"> <li>• Environment Policy and Law</li> <li>• Sustainable Development &amp; International Cooperation</li> </ul>
84.	Ms.Dias Ermelinda Maria J. Deputy Secretary <b>Tel:-24360667</b> Email:- <b>maria.dias@nic.in</b>	<ul style="list-style-type: none"> <li>• Eco-Development Forces Schemes, IPVM Awards, NE Cell, E-Governance,</li> <li>• National Afforestation and Eco Development Board(NAEB)</li> </ul>
85.	Shri K.V.Methew, Deputy Secretary <b>Tel:-24367631</b> Email:-kv.mathew@nic.in	<ul style="list-style-type: none"> <li>• National Museum of Natural History(NMNH)</li> <li>• Media</li> </ul>
86.	Shri P.S.Sharma, Deputy Secretary Tel: 24360659	<ul style="list-style-type: none"> <li>• General Coordination</li> <li>• Right to Information Act(RTI)</li> <li>• Internal Work Study Unit.</li> </ul>
87.	Shri C.L.Langain, Deputy Secretary Tel: 24360769	<ul style="list-style-type: none"> <li>• NGO Cell</li> </ul>
88.	Smt. Rajashre Ray Deputy Secretary	<ul style="list-style-type: none"> <li>• Climate Change</li> </ul>
89	Shri Anjani Kumar Deputy Secretary	<ul style="list-style-type: none"> <li>• Animal Welfare (in addition work relating to updation /development of the website of MoEF)</li> </ul>
90.	Shri Agrim Kaushal, Deputy Secretary	<ul style="list-style-type: none"> <li>• NAEB Administration</li> <li>• Development of Forest Villages</li> </ul>
91	Shri Pankaj Garg, Deputy Secretary	
<b>CE/SE(CCU)</b>		
92	Sh.A.K.Trivedi Chief Engineer (CCU) <b>Tel:-24360643</b> Fax: 24363422 Email :-ceccu@nic.in	<ul style="list-style-type: none"> <li>• Planning and construction works like office buildings, Laboratory buildings, residential quarters, Herbarium, Museums, and Landscaping of subordinate offices of the Ministry.</li> </ul>
93.	Sh.A.Aundeeswaran, Supdt.Engineer,(CCU) <b>Tel:-24360588</b> Email:-seccu-mef@nic.in	<ul style="list-style-type: none"> <li>• Planning and construction works like office buildings, Laboratory buildings, residential quarters, Herbarium, Museums, Landscaping of subordinate offices of the Ministry.</li> </ul>

94	Shri Manoj Sethi, Controller of Accounts <b>Tel:-24361116</b> Email:- sirsaborn@yahoo.com	<ul style="list-style-type: none"> <li>• Scrutiny of budget proposals –Preparation of Budget Estimates-Interaction with Plan Coordination regarding plan budget.</li> <li>• Scrutiny of proposals for inclusion in Supplementary Demands for grants.</li> <li>• Processing of re-appropriations proposals both within the powers of Ministry</li> <li>• Preparation and Printing of Demands for grants</li> <li>• Submission of Action taken notes on Drafts/Audit Para's.</li> <li>• Scrutiny and allocation of funds under loans to Government Servants.</li> <li>• Disbursal of salaries and other allowances</li> <li>• Disbursal of Grants-in-aid</li> <li>• Taking out periodical expenditure statement etc.</li> </ul>
95.	Shri Ishwar Singh, Sr.Legal Officer <b>Tel:-24362755</b> Email:-	<ul style="list-style-type: none"> <li>• Legal Cell</li> </ul>



**ORGANISATIONAL STRUCTURE OF MINISTRY OF ENVIRONMENT & FORESTS ( DIVs. UNDER ENVIRONMENT SECTOR)**

(Chart No.-I)  
As on 1<sup>st</sup> Feb.2008.



\* This work will directly be submitted to the Secretary (E&F)

\*\* Officers for this work will report to AS (RHK)

@ JS (BPN) will report to DGF&SS i.r.o. this item of work

# ADV(GKP) will report to JS(JMM) i.r.o. of this work

UNCCD: United Nations Convention to Combat Desertification

WBIDCBP: World Bank Industrial Development Capacity Building Project

SACON: Salim Ali Centre for Ornithology & Natural History

FRLHT: Foundation of Revitalization of Local Health Tradition

UNFCCC: United Nation Framework Convention on Climate Change

EIVR: Entities of Incomparable Value Regulations

TBGRI: Tropical Botanical Garden & Research Institute

GEAC: Genetic Engineering Approval Committee

NBSAP: National Bio-diver Strategy & Action Plan

NRCB: National River Conservation Directorate

IA: Impact Assessment

HSMD: Hazardous Substances Management Division

ICIMOD: International Centre for Integrated Mountain Development

OL: Official Language

CPCB: Central Pollution Control Board

CBP: Capacity Building Project

SAS: Source Apportionment Studies

CBD: Convention on Biological Diversity

SD: Sustainable Development

CDM: Clean Development Mechanism

IGPP: Indira Gandhi Paryavaran Puraska

CP: Control of Pollution

PC: Plan Co-ordination

MABP: Man and Bio-sphere Program me

IC: International Co-operation

NATCOM: National Communication

IWSU: Internal Work Study Unit

NLCP: National Lake Conservation Plan

AW: Animal Welfare

GC: General Co-ordination

BG: Botanic Garden

IFS: Indian Forest Service

MP: Montreal Protocol

RE: Research in Environment

GA: General Administration

PG: Public Grievances

BGIR: Botanical Garden of Indian Republic

EE: Environment Education

GBPHID: G.B. Pant Himalayan Institute of Environment Development

GPG: Global Public Goods

CRZ: Coastal Regulation Zone

RE: Research in Environment

GEF: Global Environment Facility

VIG: Vigilance

CC: Climate change

BSI: Botanical Survey of India

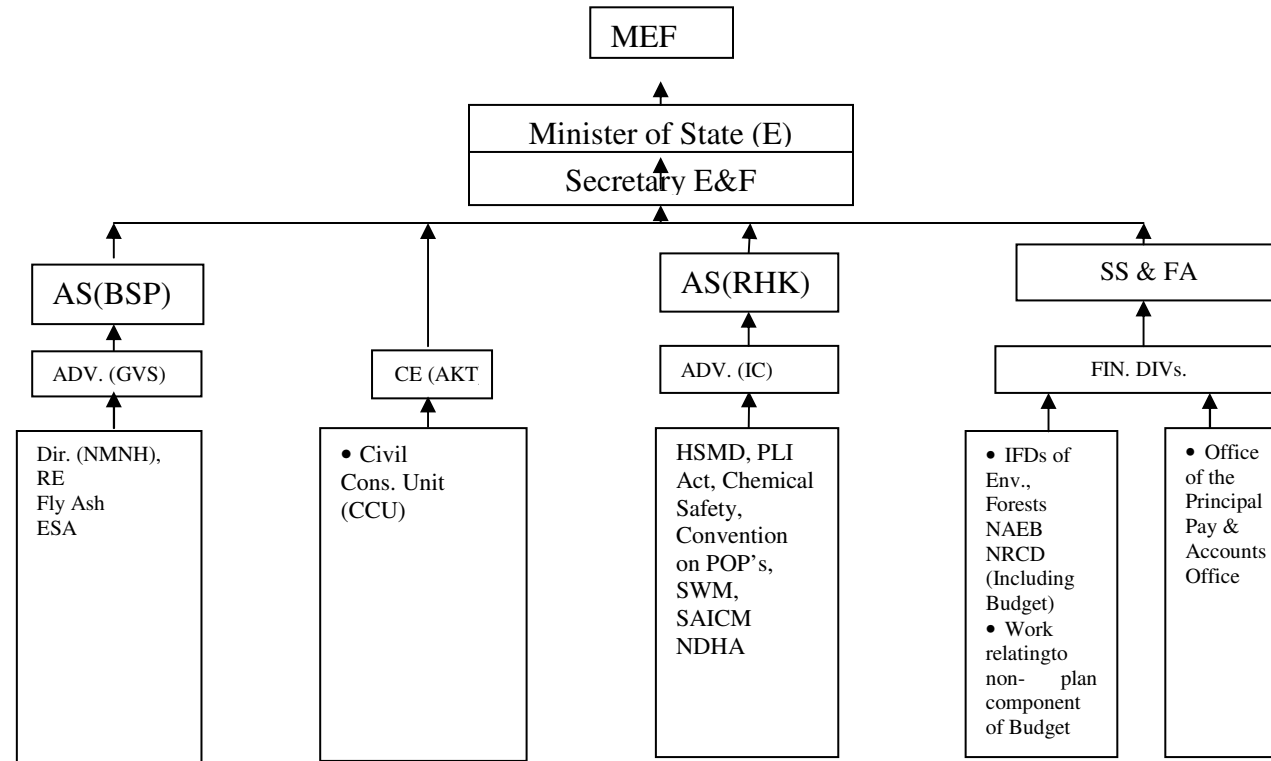
ZSI: Zoological Survey of India

NBA: National Bio-diversity Authority

**ORGANISATIONAL STRUCTURE OF MINISTRY OF ENVIRONMENT & FORESTS (DIVs. UNDER ENVIRONMENT SECTOR)**

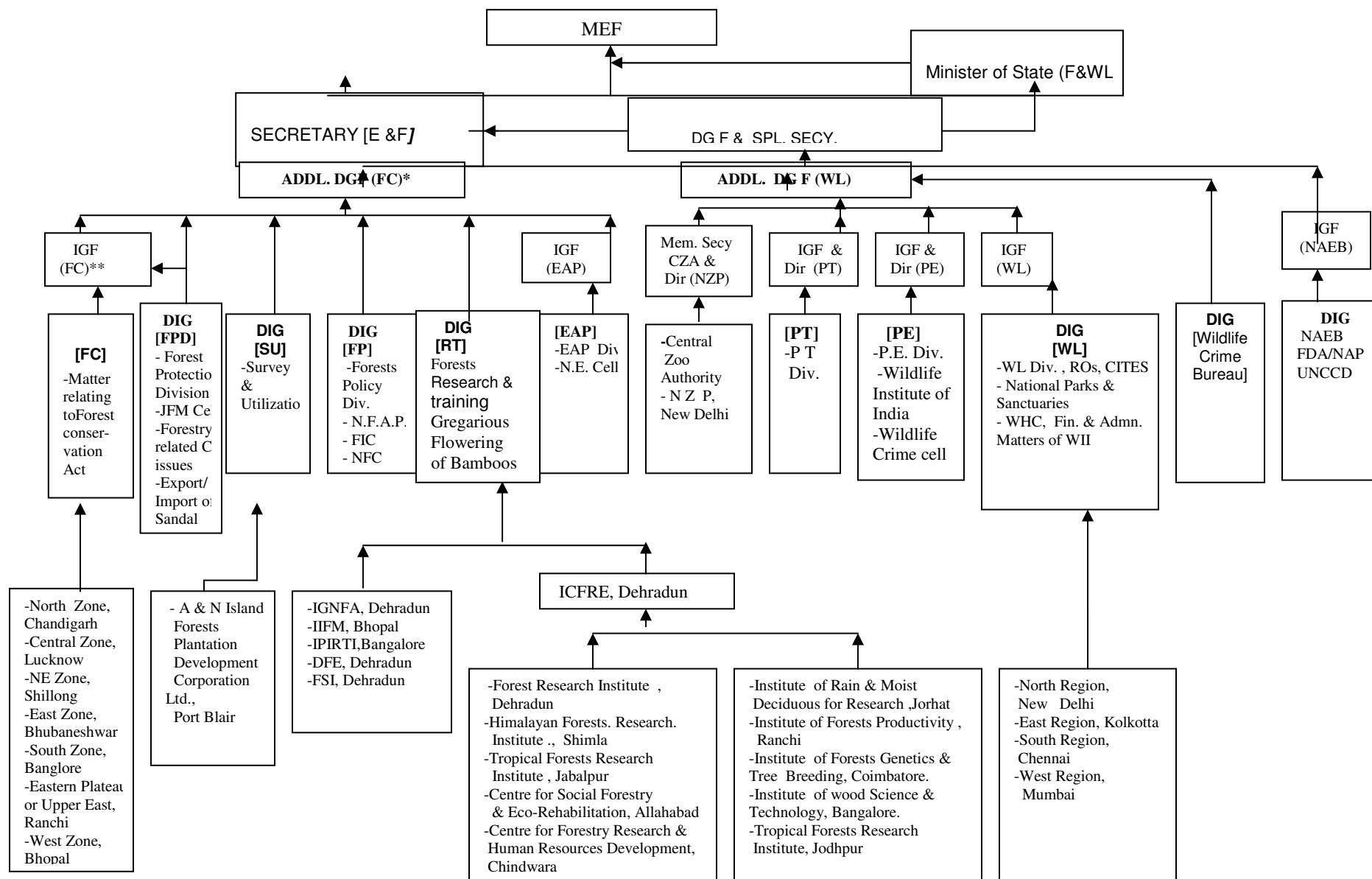
**Chart No. II**

(As on 1<sup>st</sup> Feb.2008.)



NDHA: National Disaster Management Authority  
 RE: Research in Environment  
 ESA: Ecologically Sensitive Areas  
 CCU: Civil Construction Unit  
 HSMD: Hazardous Substances Management Division  
 IFD: Integrated Finance Division  
 PLI: Public Liability Insurance

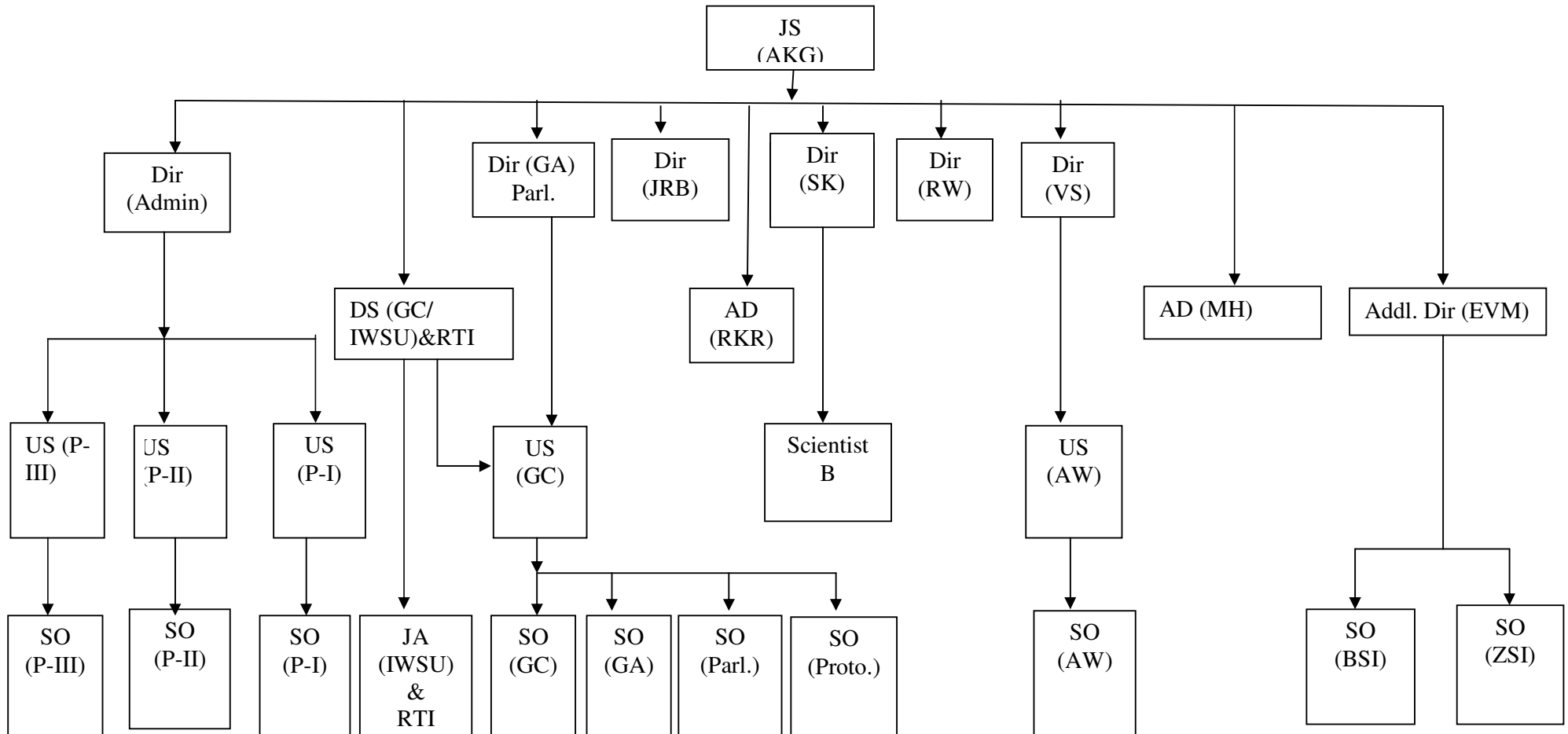
SWM: Solid Wastes Management  
 SAICM: Strategic Approach to International Chemicals Management  
 IA: Impact Assessment  
 CRZ: Coastal Regulation Zones  
 NAEB: National Afforestation and Eco-Development Board  
 NRCD: National River Conservation Directorate



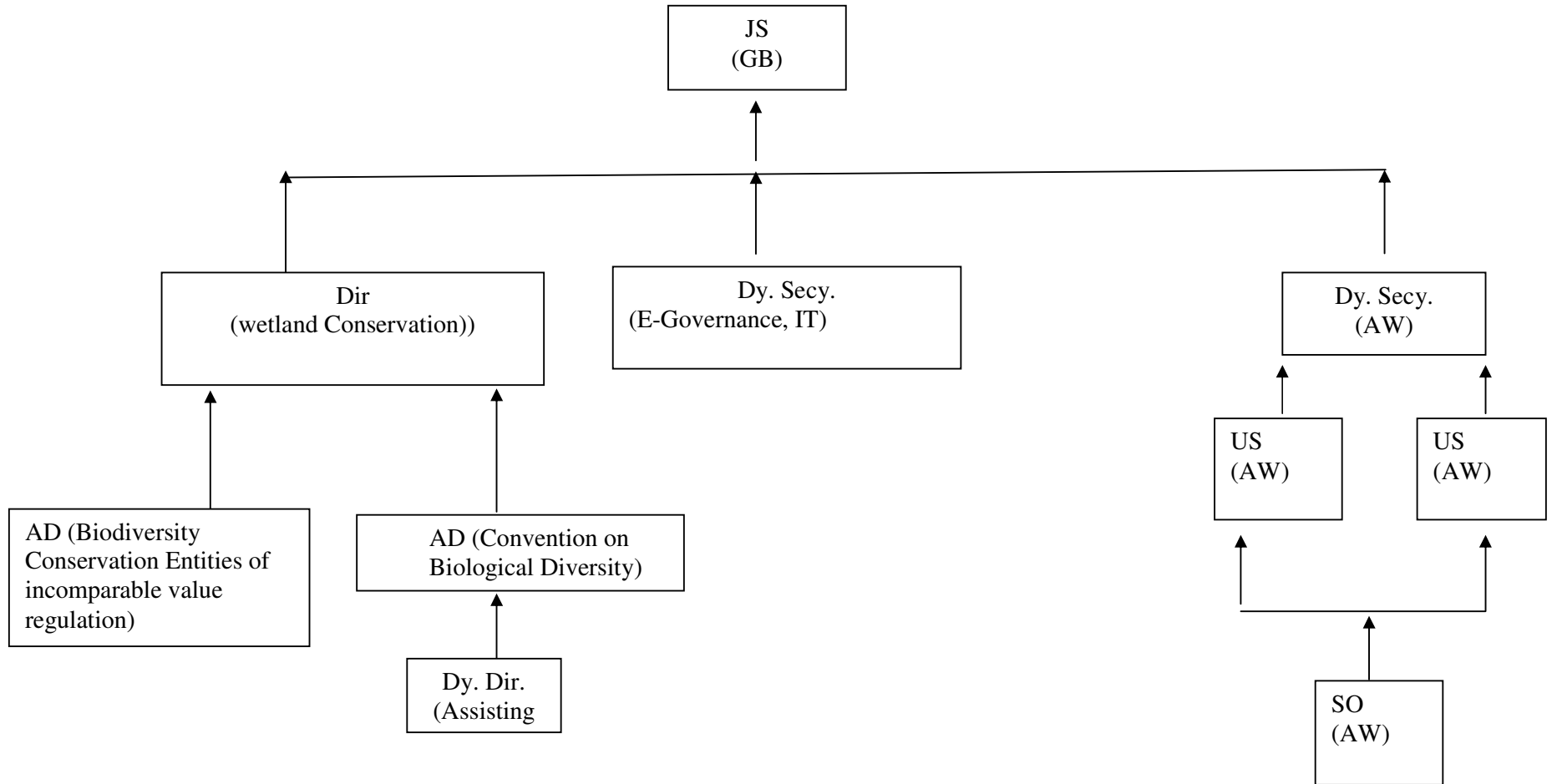
\*Addl. DGF (FC) is holding an additional charge of ADDL.DGF (WL) ROs: Regional Offices NE: North Eastern FPD: Forest Protection Division JFM: Joint Forest Management  
 \*\* IGF (FC) is holding an additional charge of IGF (EAP) IGNFA: Indira Gandhi National Forests Academy SU: Survey & Utilization NFAP: National Forestry Action Programme  
 NZP: National Zoological Park WHC: World Heritage Convention FIC: Forest International Cooperation PT: Project Tigers DFE: Directorate of Forests Education  
 Forest Policy NFC: National Forest Commission IPIRTI: Indian Plywood Industries Research and training Institute  
 CITES: Convention on International Trade on Endangered Species PE: Project Elephant

**Annexure-IV**

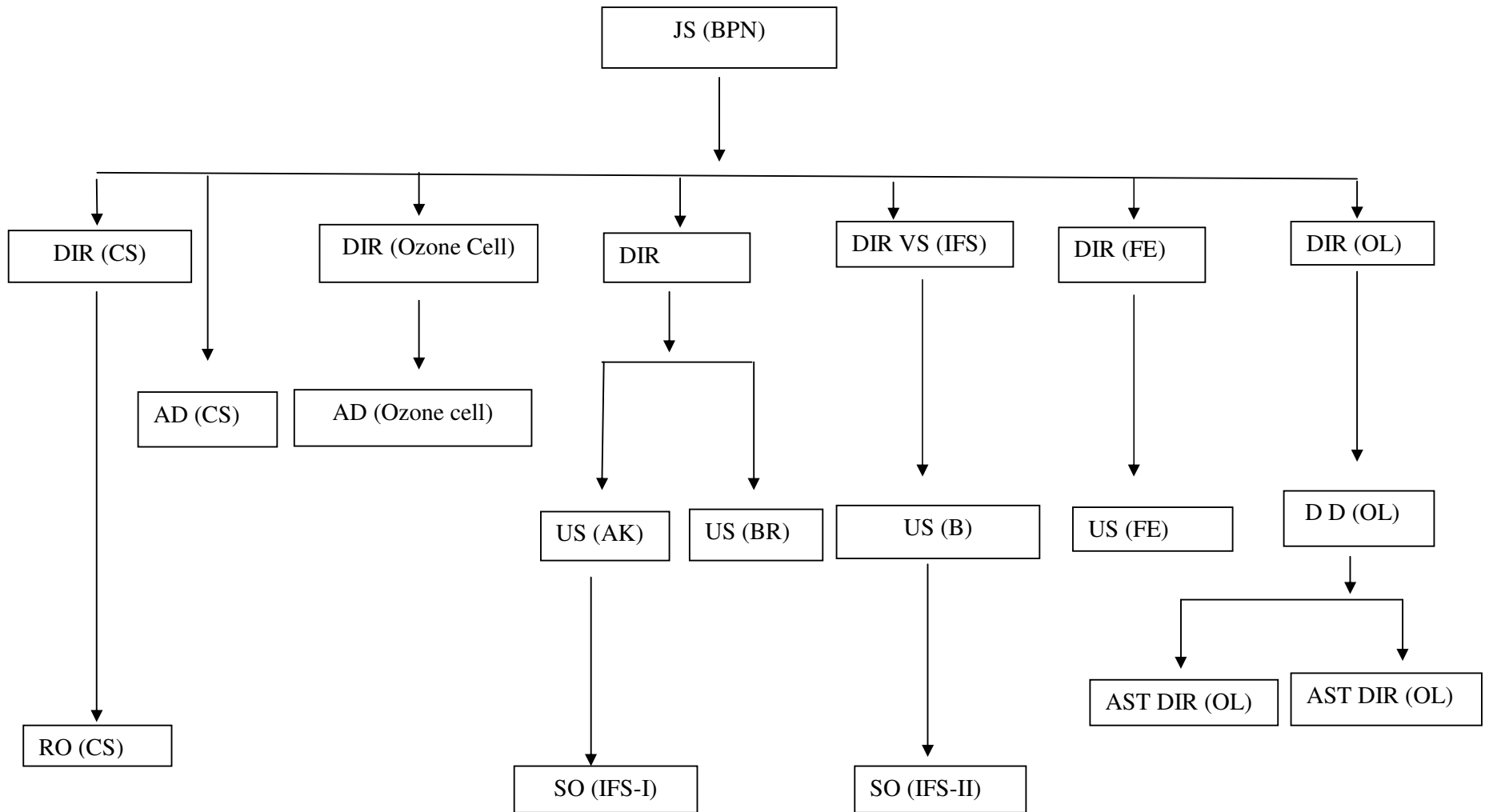
**Organizational Functional Chart showing various divisions/ Section/ unit under JS (AKG) in the Ministry.**



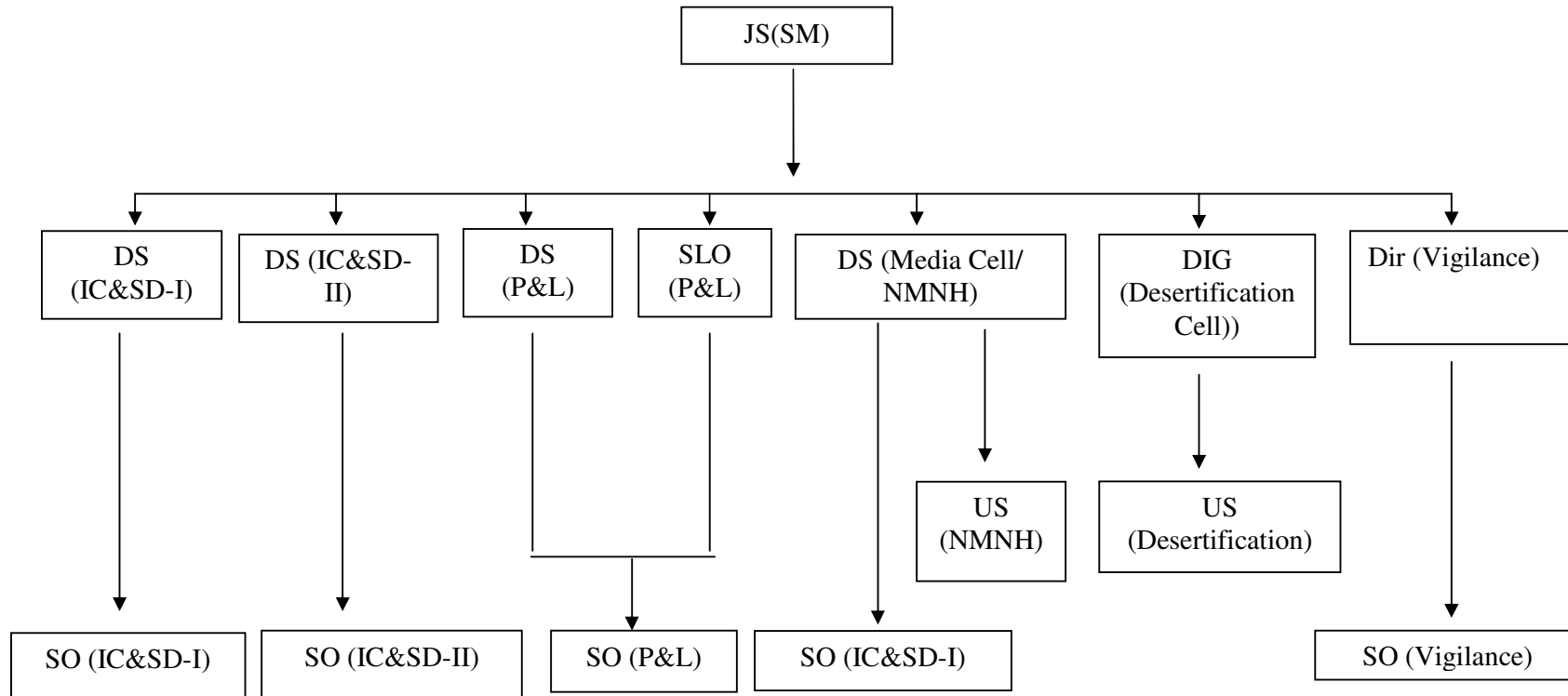
**Organizational Functional Chart showing various divisions/ Section/ unit under JS (GB) in the Ministry.**



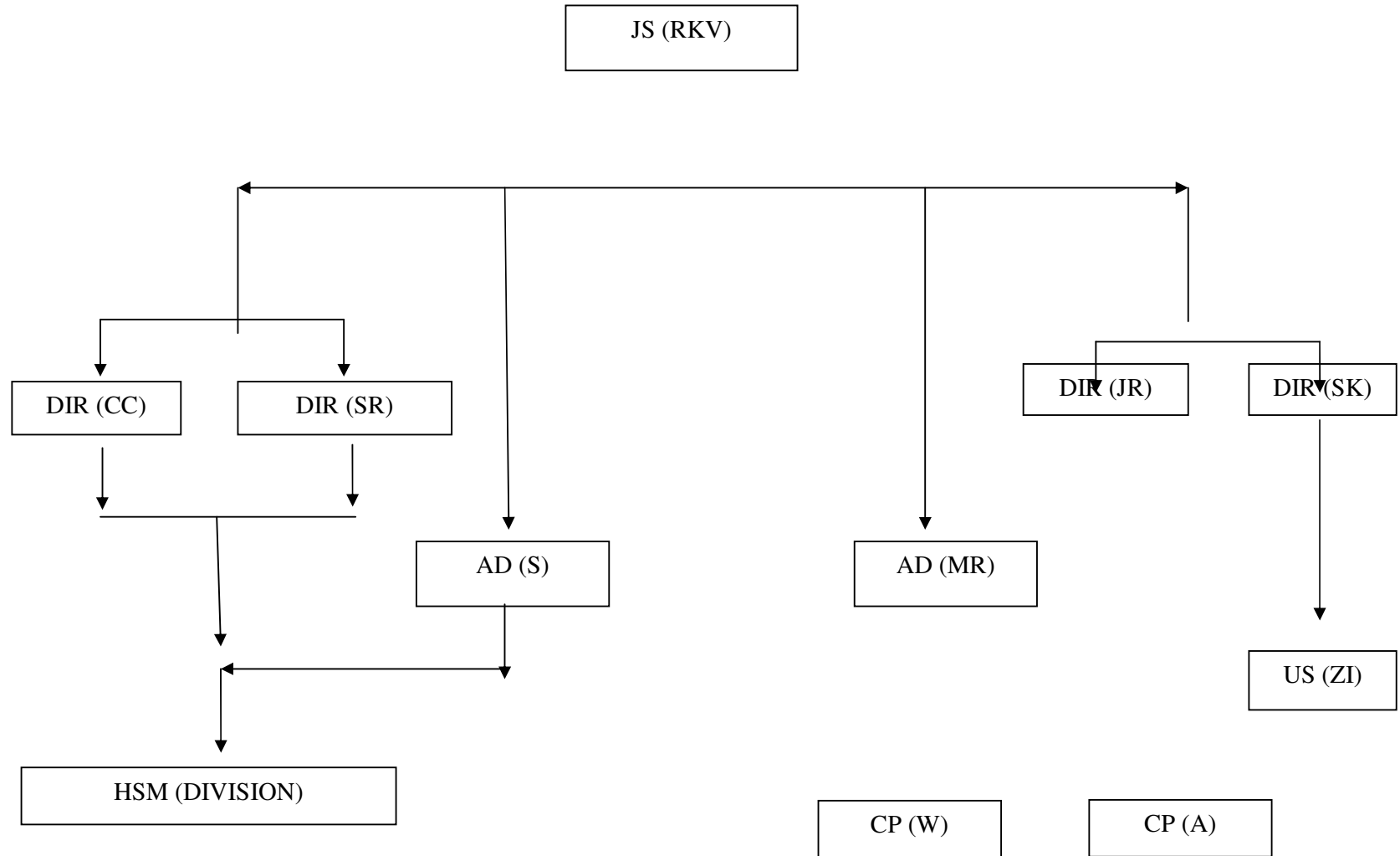
**Organizational Functional Chart showing various divisions/ Section/ unit under JS (BPN) in the Ministry.**



**Organizational Functional Chart showing various divisions/ Section/ unit under JS (SM) in the Ministry.**

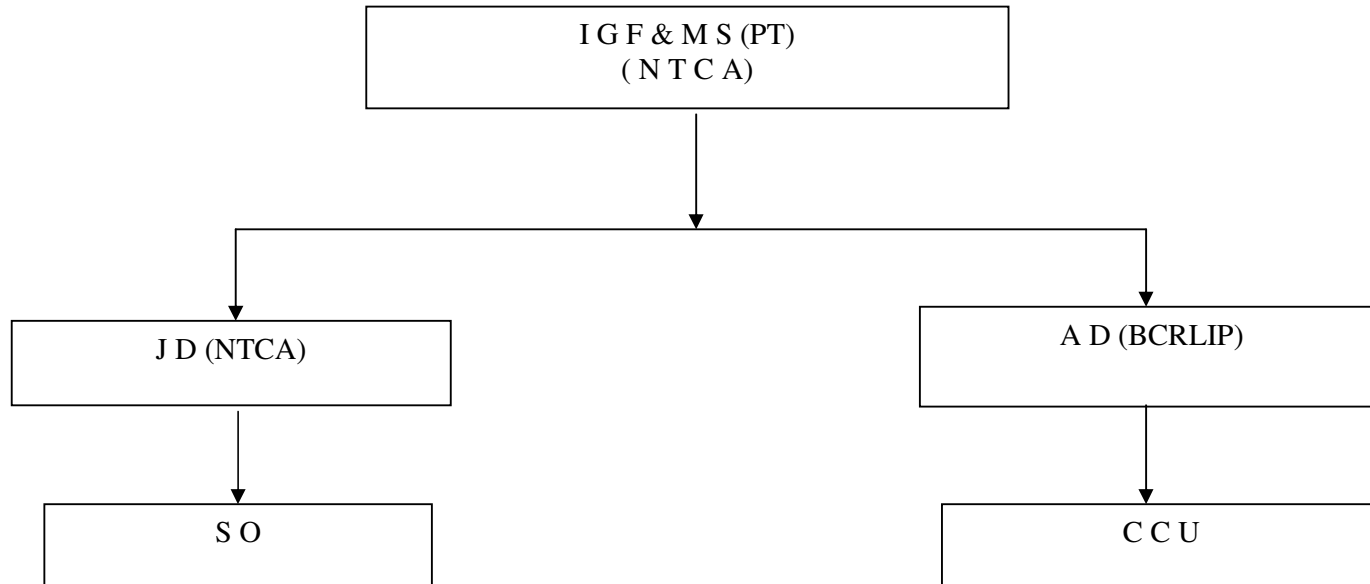


# ORGANISATIONAL CHART OF JS (HSM & CP DIVISION) OF THE MINISTRY

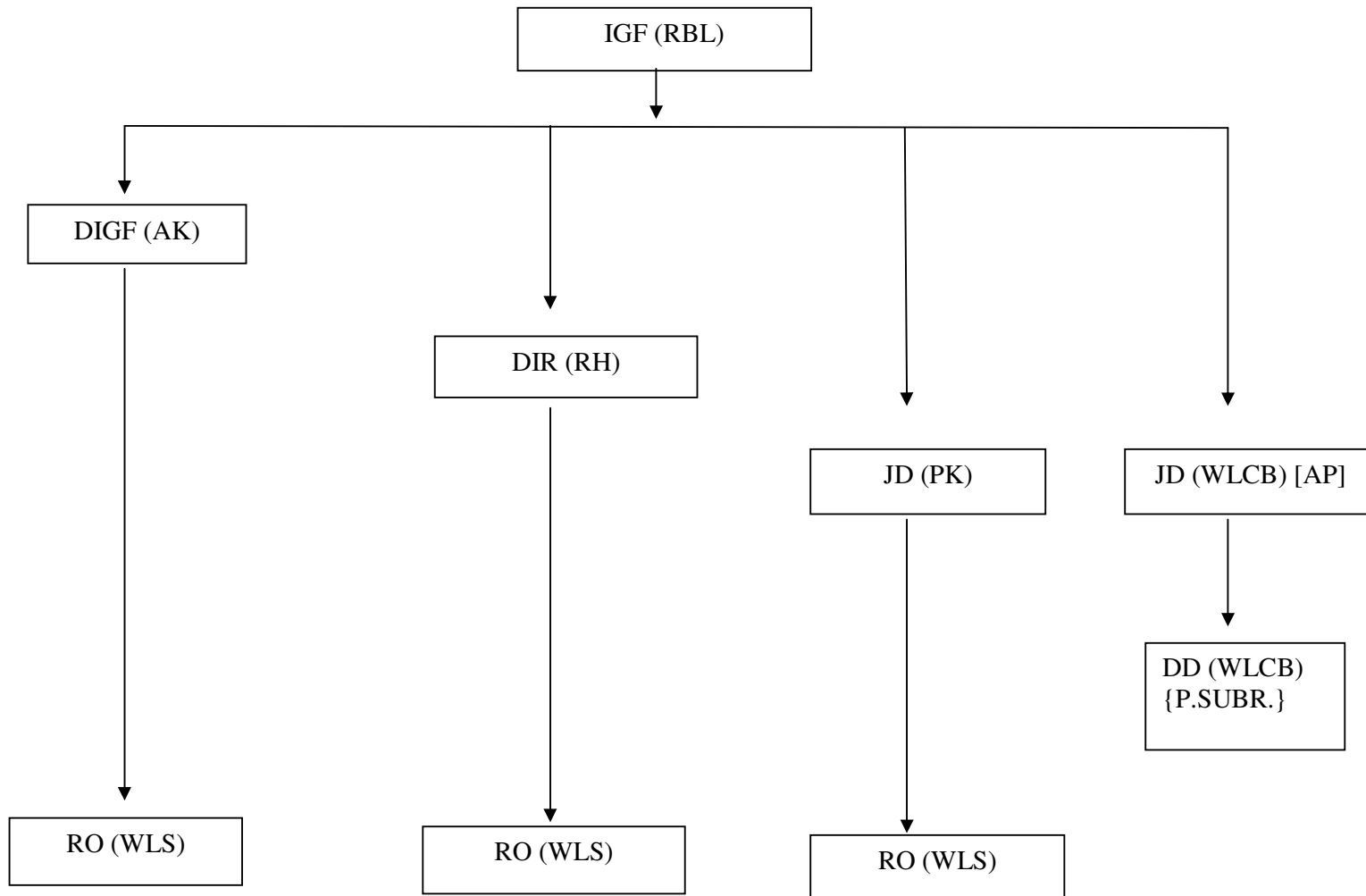




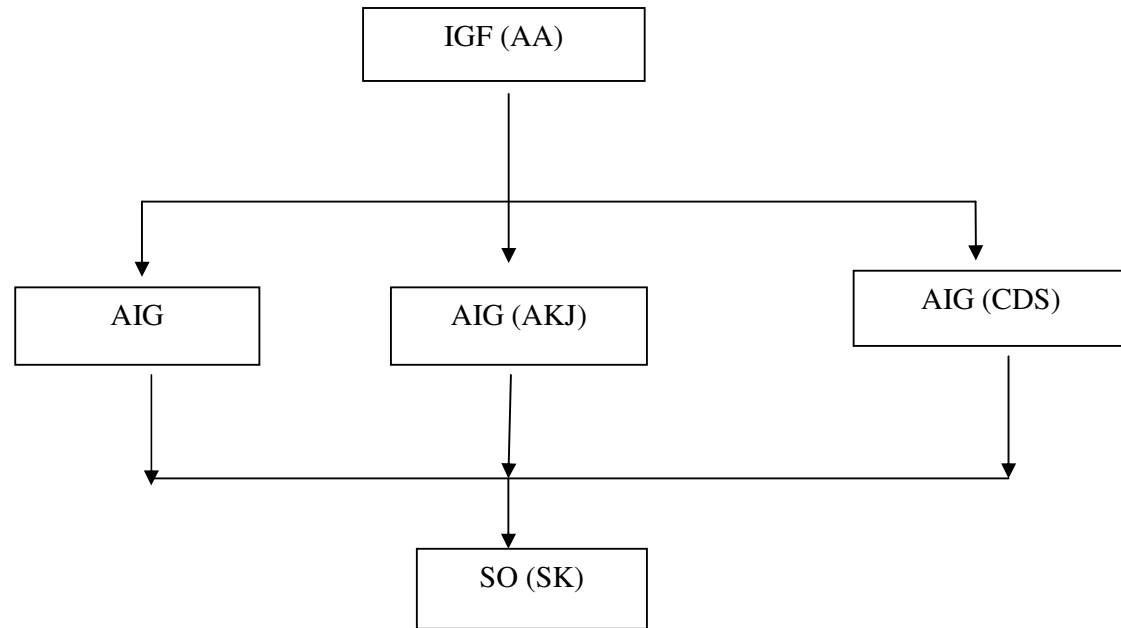
**Organizational Functional Chart showing various divisions/ Section/ unit under IGF (PT) in the Ministry.**



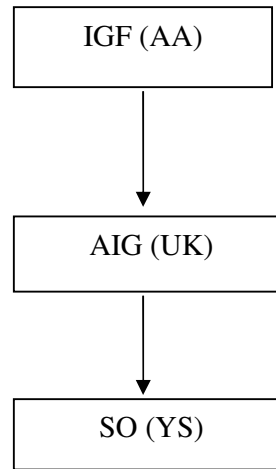
## ORGANISATIONAL CHART OF IGF (WL) OF THE MINISTRY



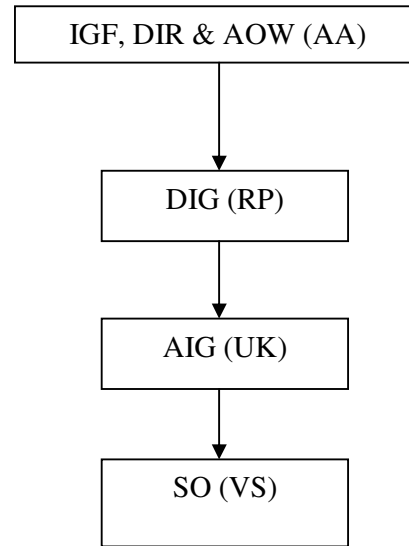
## ORGANISATIONAL CHART OF IGF (FC) OF THE MINISTRY



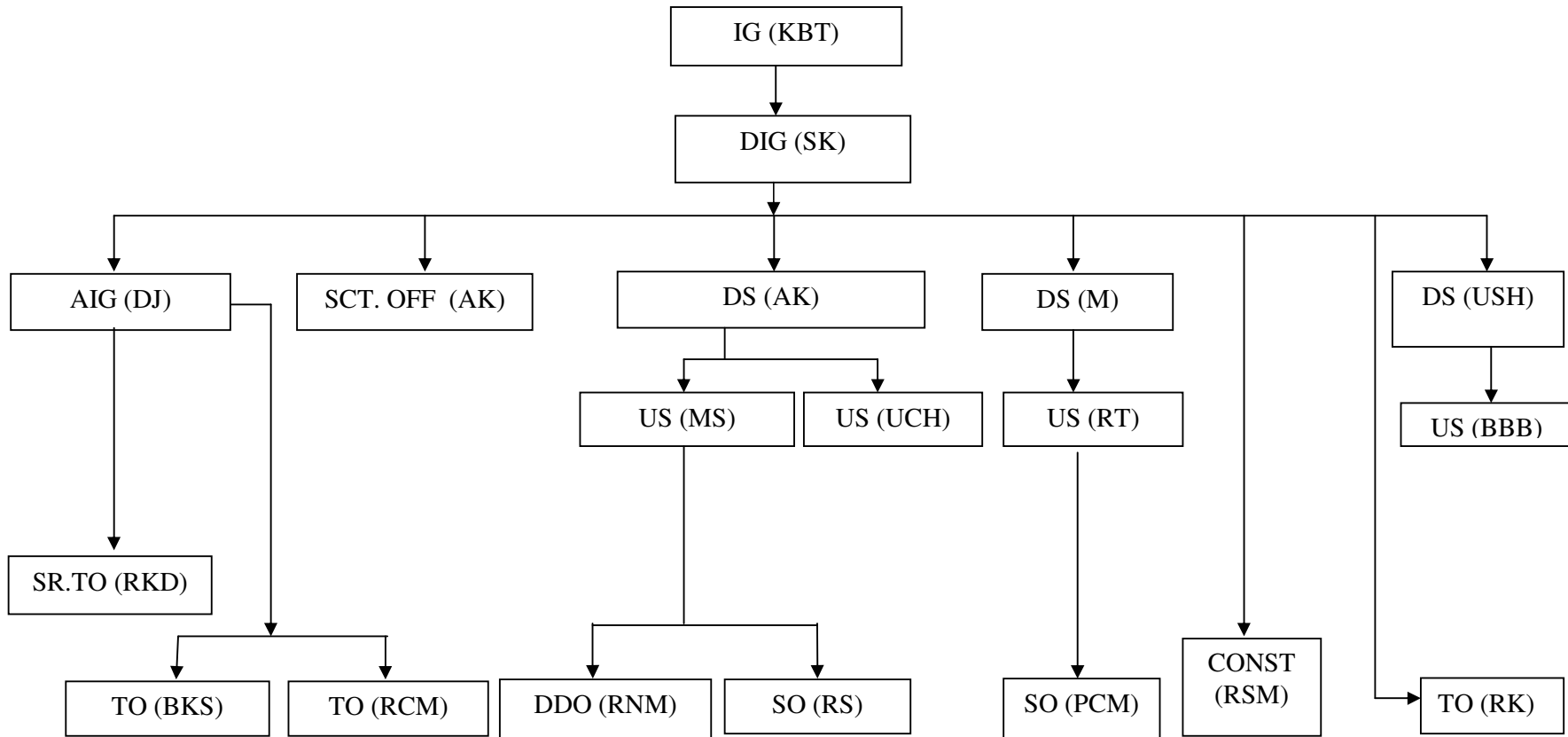
ORGANISATIONAL CHART OF IGF (EAP/NE CELL) OF THE MINISTRY



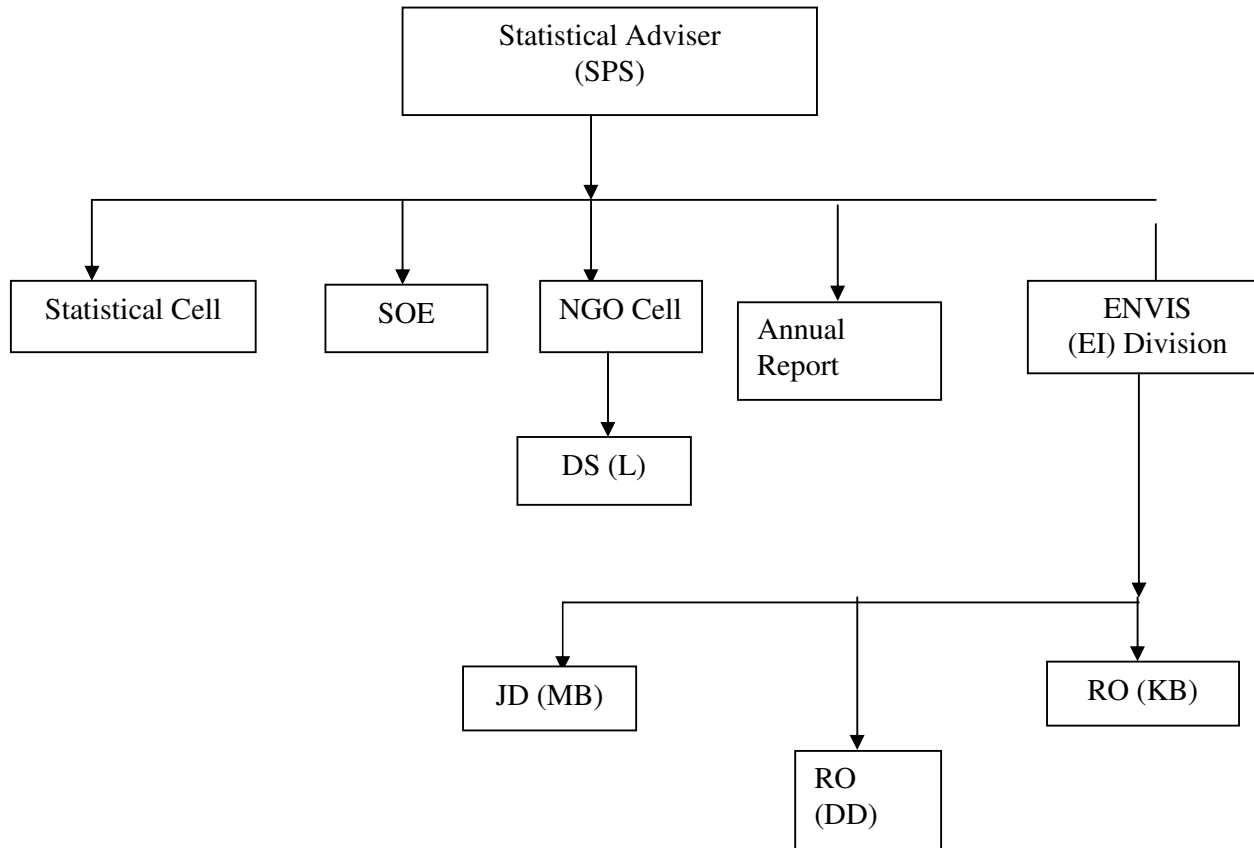
ORGANISATIONAL CHART OF DIRECTOR (AIR OPERATION WING) OF THE MINISTRY



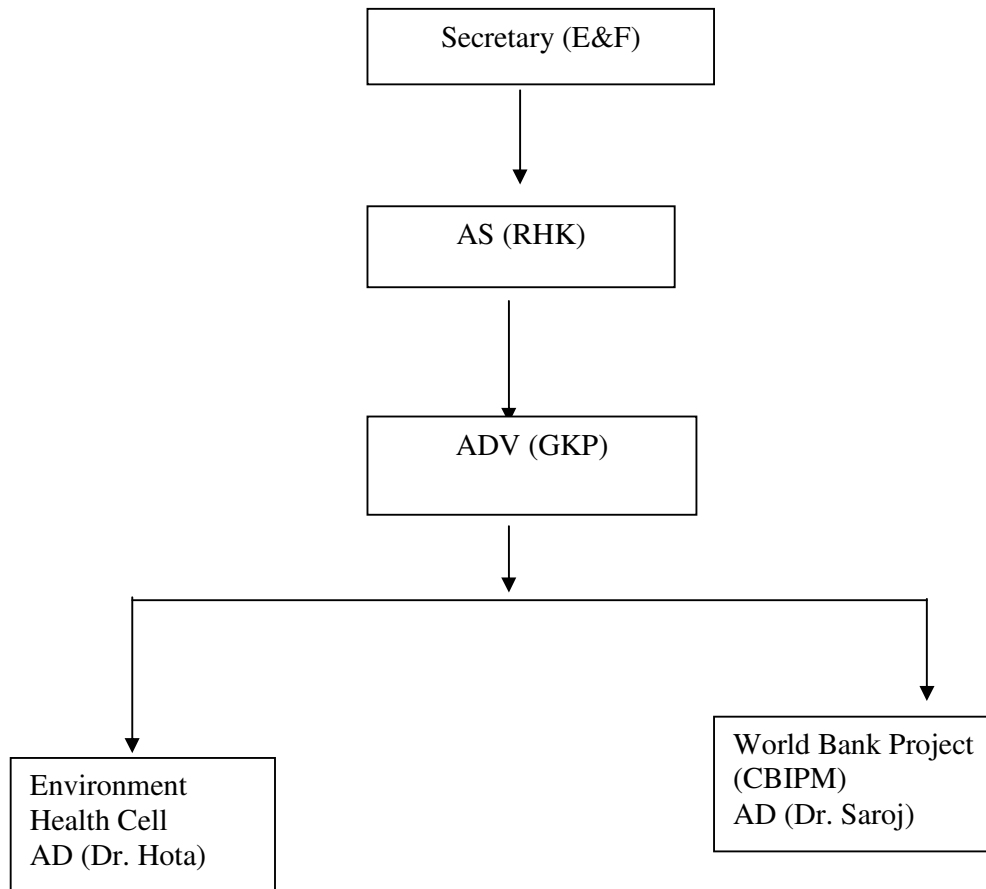
ORGANISATIONAL CHART OF IGF (NAEB) OF THE MINISTRY



**Organizational Functional Chart showing various divisions/ Section/ unit under ADV (SPS) in the Ministry.**

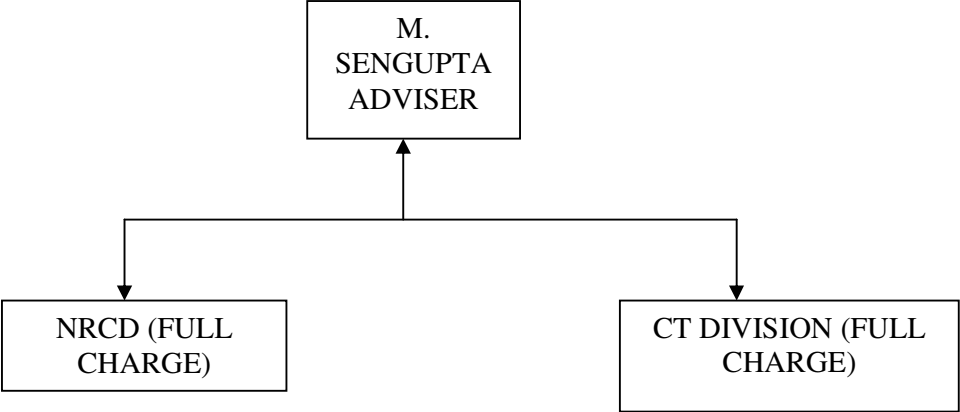


**Organizational Functional Chart showing various divisions/ Section/ unit under ADV (GKP) in the Ministry.**

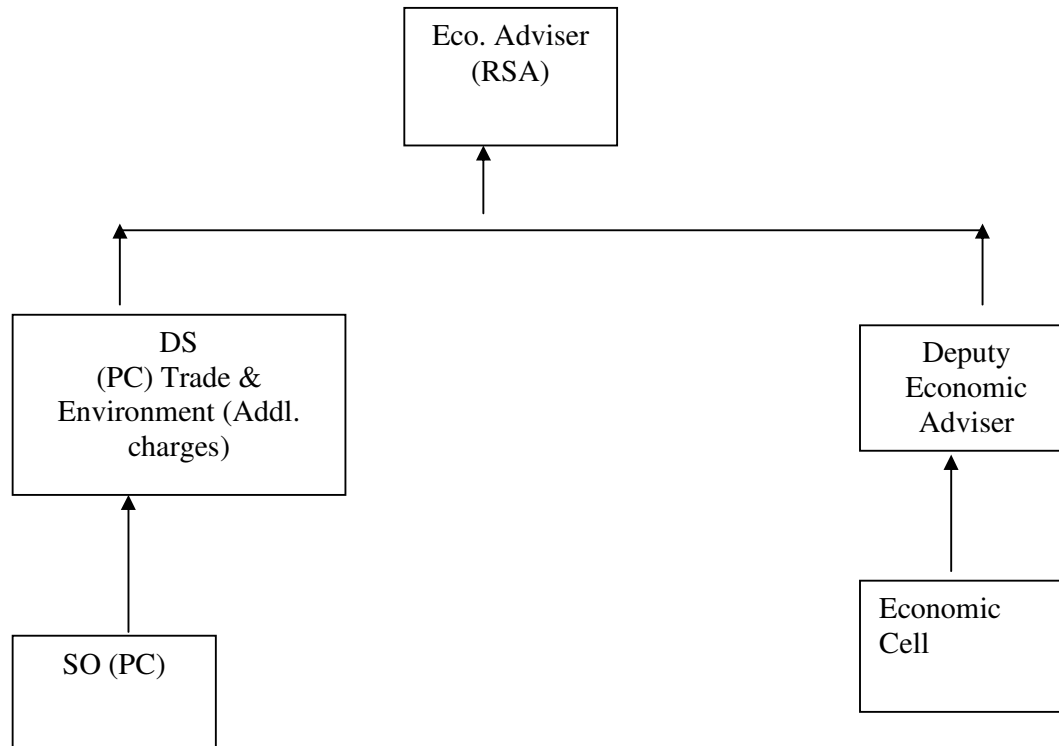




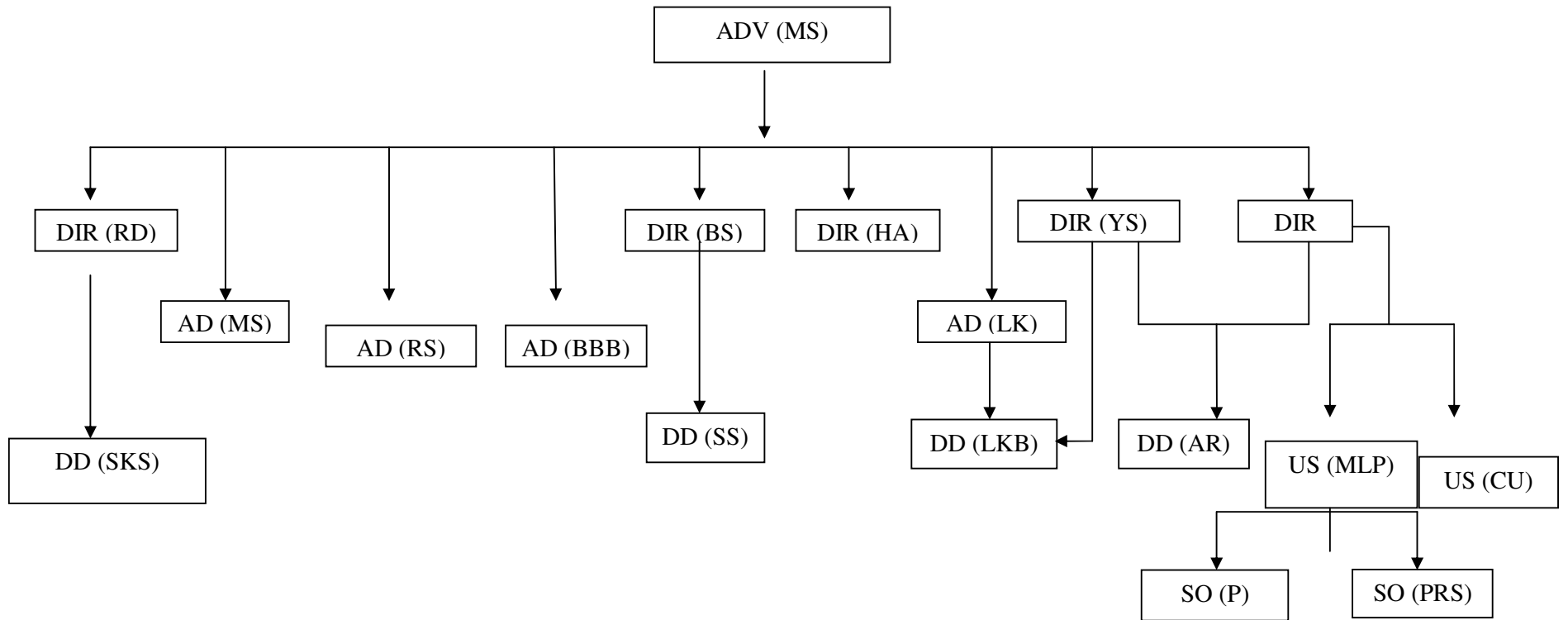
**Organizational Functional Chart showing various divisions/ Section/ unit under ADV (MSG) in the Ministry.**



**Organizational Functional Chart showing various divisions/ Section/ unit under ADV (RSA) in the Ministry.**



ORGANISATIONAL CHART OF ADVISER (NRCD) OF THE MINISTRY



# ORGANISATIONAL CHART OF ADVISER (IA) OF THE MINISTRY

