

No. 12016/3/2011-S&T  
Government of India  
Planning Commission  
Science and Technology Division

Yojana Bhawan,  
Sanasd Marg,  
New Delhi-110001

Dated 18.04.2011

**OFFICE MEMORANDUM**

**Subject: WG-12: Constitution of Working Group of the Ministry of Earth Sciences**

The Steering Committee on Science and Technology for the formulation of Twelfth Five Year Plan, during its first meeting held on 5<sup>th</sup> April, 2011 under the Chairmanship of Dr. K. Kasturirangan, Member (Science). Planning Commission has decided to constitute a Working Group for the Ministry of Earth Sciences. The composition and Terms of Reference of the Working group are as under:

**COMPOSITION**

S. No.	Name & Designation	
1	<b>Dr. Shailesh Nayak, Secretary, MoES - Chairman</b>	<b>Chairman</b>
2	Dr. Satish R Shetye, Director, NIO, Goa	Member
3	Dr. Debasis Sengupta, Assistant Professor, Centre for Atmospheric and Oceanic Sciences, IISc, Bangalore	Member
4	Dr. S.W.A Naqvi, Scientist H, Director, NIO, Goa	Member
5	Prof. V.K Gaur, Honorary Emeritus Scientist, CSIR- C- MMACS, NAL,,Bangalore-	Member
6	Dr. Y.J Bhaskar Rao, Acting Director, NGRI, Hyderabad	Member
7	Prof. Somanath Das Gupta, IISER, Kolkata	Member
8	Professor J. Srinivasan, Centre for Atmospheric and Oceanic Sciences, IISc, Bangalore	Member
9	Dr. Sulochana, Gadgil, Centre for Atmospheric and Oceanic Sciences, IISc, Bangalore	Member
10	Major General S.S. Sharma, 703 Cordia, Nyata Establishment, Mohammad Wadi, Pune 411060	Member
11	Prof. S.K. Dube, Indian Institute of Technology, Delhi	Member
12	Prof. U.C. Mohanty, Indian Institute of Technology ,Delhi	Member

13	Dr. Upadyaya, 12-5-35/A/2, Street No.6, Behind Canara Bank, Secunderabad – 500007	Member
14	Dr. Shyam Lal, PRL, Ahmedabad	Member
15	Dr. T. Balasubramanian, Professor of Physiology, RMMC, Annamalai University, Annamalainagar - 608 002.	Member
16	Dr. A.K.Gupta, Head Centre for Ocean River, Atmosphere & Land Science IIT, Kharagpur – 721302	Member
17	Dr. Sudarshan, Naval Physical and Oceanographic Laboratory, Thirikkakara P.O. Kochi-682021	Member
18	Dr. P.K. Pal, Space Application Centre, Jodhpur Tekra, Ambawadi Vistar, P.O. Ahmadabad- 380015	Member
19	Dr. P.C. Joshi, Space Application Centre, Jodhpur Tekra, Ambawadi Vistar, P.O. Ahmadabad- 380015	Member
20	Dr. Ashok Singhavi, Scientist –F, PRL, Ahmedabad-380009	Member
21	Prof. Roonwal, C-520 SFS Flats, Sheikh Saria, Phase-I New Delhi-110017	Member
22	Dr. D. Sen, Department of Ocean Engineering and Naval Architecture, IIT, Kharagpur	Member
23	Dr. Akhilesh Gupta, Adviser, Department of Science and Technology, New Delhi	Member
24	Shri A.K. Verma, Adviser (S&T), Planning Commission or his Nominee	Member
25	Representative of the Director General, CII	Member
26	Financial Advisor, MoES	Member
27	Dr. S.K. Das, Adviser, Ministry of Earth Sciences	<b>Member Secretary</b>

### Terms of Reference

1. To review and assess the performance and role of the Department at the end of the Eleventh Five Year Plan. Identify priorities of the Department for the Twelfth Five Year Plan and suggest measures including policy initiatives for enabling India to emerge as a major global technological power by 2025
2. To suggest plan programmes for the Department by adopting a ZBB approach and keeping in view the priorities and goals for the Twelfth Five Year Plan as well as the agenda for the Decade of Innovations during 2010-20.
3. To define deliverables as well as goals for the Department for the Twelfth Five Year Plan period as well as Annual Plans, both in terms of tangible and non-tangible outputs and formulate guidelines for deployment of resources for relating inputs to the specified goals
4. To suggest an optimum outlay for the Department, comprising of the on-going commitment and new programmes proposed to be undertaken.

5. The Chairman may co-opt any other member.
6. The expenditure towards TA/DA in connection with the meetings of this Working Group in respect of Official Members would be borne by their respective Ministries/Departments. In respect of Non-Official Members, the expenditure would be met by the Ministry of Earth Sciences, as admissible to class-I officers of the Government of India.
7. The report of the Working Group would be submitted to the Steering Committee on the S&T for the formulation of Twelfth Five Year Plan by 15<sup>th</sup> July, 2011

( R.K. Gupta)  
Joint Adviser (S&T)

Copy forwarded to:

1. Secretary, Ministry of Earth Sciences
2. Chairman, all Members and Member-Secretary of the Working Group
3. PS to Deputy Chairman, Planning Commission
4. PS to Adviser to PM on PI<sup>3</sup>
5. PS to Minister of State (Planning)
6. PS to all Members, Planning Commission
7. PS to Member-Secretary, Planning Commission
8. All Principal Advisers/Sr. Advisers/Advisers/HODs, Planning Commission
9. Director(PC), Planning Commission
10. Information Officer, Planning Commission
11. Library, Planning Commission

( R.K. Gupta)  
Joint Adviser (S&T)