

संख्या  
No. No. MoES/60/TRB/2013-PC-II

नई दिल्ली -110003  
New Delhi-110003 \_\_\_\_\_

15<sup>th</sup> November, 2016

### **Office Memorandum**

In continuation of this Ministry O.M. of even No. dated 18/4/2013 regarding Reconstitution of Project Appraisal and Monitoring Committees the approval of the competent authority is here by conveyed for the constitution of Technology Research Board in Earth System Science Technology for per-appraisal and review of proposal received for extra moral funding in the thrust area of Earth System Technology.

2. The composition, terms of reference responsibilities of Member Secretary and tenure of Technology Research Board in Earth System Science Technology (TRB-ESS) shall be as follows:-

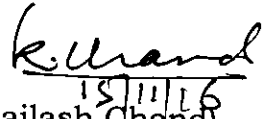
i. Dr. P. S. Goel, Ex-Secy. And \Prof. M. G. K. Menon, DRDO Chair & Honorary Distinguished Professor, ISRO	Chairman
ii. Dr. V. Bhujanga Rao, Scientist & Former DG, DRDO	Member
iii. Prof. G. S. Bhat, School of Atmospheric & Oceanic Sciences, IISc., Bangalore.	Member
iv. Prof. P. R. . Mahapatra, IISc., Bangalore	Member
v. Dr. G. Viswanathan, ISRO, Bangalore	Member
vi. Prof. M. Ravindran, Former Director, NIOT, Chennai	Member
vii. Director, NIOT	Member
viii. Dr. V. K. Gahalaut, Scientist-G, NCS	Member
ix. Dr. M. P. Wakdikar, Scientist-G, MoES	Member-Secretary

### **Terms of reference**

- Identify emerging and innovative science and technology issues related to ocean, atmosphere and geo-sciences;
- To explore the scientific and technical talent in the country and their possible utilization;
- Invite proposals for extra-mural funding to fill the gap through identified technological issues;
- Pre-appraisal of all proposals received;
- Monitor and review the output and deliverables;
- Recommend the proposals for consideration for funding to the Apex Committee;
- Facilitate possible linkages of the output of these proposals in to the technology programmes of the Earth System Science Organisation (ESSO);

Contd.....

- To provide strategic advice to the Ministry regarding emerging Earth Science Technology issues and trends;
  - Any other function as may be assigned by Chairman ESSO/Secretary, MoES;
  - Chairman may co-opt any engineer/expert to address specific issues
  - NIOT will service the meetings of Technology Research Board including the TA/DA, sitting fee, accommodation charges etc.
3. This issues with the approval of Secretary vide Dy. No. P-3059/ Secy./16, dated 10/11/2016.



(Kailash Chand)

Under Secretary to GoI

To

Copy to:

1. Dr. P. S. Goel, Ex-Secy. And \Prof. M. G. K. Menon, DRDO Chair & Honorary Distinguished Professor, ISRO, Vignyana Kancha, Hydradad 500 069.
2. All members of the Committee
3. PPS to Secretary, MoES.
4. Director, NIOT, Chennai.
5. PPS to Adv (MPW), MoES/ PS to Dir (VK)/ PPS to AS & FA/ Section folder.