## No. MoES/60/TRB/2013-PC-II Govt. of India MINISTRY OF EARTH SCIENCES

Prithvi Bhavan, Lodi Road New Delhi, 20 October 2020

## **OFFICE MEMORANDUM**

Subject: Re-constitution of Technology Research Board

In continuation of this Ministry O.M. of even No. Dated 15/11/2016 regarding Reconstitution of Project Appraisal and Monitoring Committees the approval of the competent authority is hereby conveyed for the constitution of Technology Research Board in Earth System Science Technology for per appraisal and review of proposal received for extramural funding in the thrust area of Earth System Technology.

2. The composition of Technology Research Board in Earth System Science Technology (TRB-ESS) shall be as follows:-

1. Dr.P.S. Goel, Former Secretary, MoES	Chairman
2. Dr.V. Bhujanga Rao, Scientist & Former DG, DRDO	Member
3. Prof.P.R. Mahapatra, Retd. Professor, IISc	Member
4. Dr.G. Viswanathan, Retd. ISRO, Bengaluru	Member
5. Prof.G.S. Bhat, CAOS, IISc, Bengaluru	Member
6. Dr.M.A. Atmanand, Former Director, NIOT	Member
7. Dr.V.K. Gahalaut, Chief Scientist, NGRI, Hyderabad	Member
8. 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

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- Facilitate possible linkages of the output of these proposals in to the technology programmes of the MoES
- To provide strategic advice to the Ministry regarding emerging Earth Science Technology issues and trends
- Any other function as may be assigned by Secretary, MoES
- Chairman may co-opt any engineer/expert to address specific issues
- National Institute of Ocean Technology (NIOT) will service the meetings of TRB-ESS including the TA/DA, sitting fee, accommodation charges, etc.
- Tenure of the TRB will be for a period of 3 years.
- 3. This issues with the approval of Secretary, MoES vide E File No.2826/Secy/20, dated 15/10/2020.

  \*\*MoES vide E File No.2826/Secy/20, dated 20/10/2020

(Manjula Daniel) Under Secretary to the Govt. of India

To

- 1. Dr. P.S. Goel, Former Secretary, MoES.
- 2. All members of the Committee

## Copy to:

- 1. PPS to Secretary, MoES.
- 2. Director, NIOT, Chennai.
- 3. Member-Secretary, APEX Committee
- 4. PS to Scientist-G (MPW), Section folder.

(Manjula Daniel) Under Secretary to the Govt. of India