

File No.19-17/2017-RE
Government of India
Ministry of Environment, Forest & Climate Change
(Research in Environment Division)

1st Floor, Prithvi Wing,
Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 110003
Dated 11th August, 2021

OFFICE MEMORANDUM

Subject: Constitution of Technical & Financial Appraisal Committee (TFAC) of the R&D Scheme, RE Division, MoEF&CC – regarding.

In terms of the O.M. of even number dated 11-03-2019 and 27-06-2019, the Technical & Financial Appraisal Committee (TFAC) constituted vide these OMs has completed its tenure of two (2) years in terms of para 3 of the Terms of Reference (ToR) of the order, and consequently in terms of para 3 of the order dated 27-06-2021, the tenure of the TFAC is extended for a period of 2 years w.e.f. 27.06.2021 upto 26.06.2023 or its reconstitution, whichever is earlier, with the following composition:

S.No	Composition of the Committee	Status	Area Specialization	Address
1.	Prof. C. R. Babu (Retd.), Prof Emeritus and former Pro-VC, University of Delhi	Chairperson (non-official)	Ecology, Natural Resource Management	Centre for Environmental Management of Degraded Ecosystems, School of Environmental Studies, University of Delhi, Delhi – 110 007 Email ID: crb26@hotmail.com
2.	Dr. M. Dwarakanath (Retd.), Former Senior Scientific Officer, Department of Environment, Govt. of Delhi	Member (non-official)	Environmental Sciences	E 701, Sree Daksha Hareeva Apartments, Perur Main Road, Coimbatore – 641026. Former Director, DSTE, Government of Puducherry and Member Secretary, Pondicherry, Pollution control committee Email ID: dwaraka98@gmail.com
3.	Dr. Ramakant (Serving), Deputy Adviser (PHE), Central Public Health & Environmental Engineering Organisation (CPHEEO) M/o	Member (official)	Solid Wastes	Central Public Health & Environmental Engineering Organisation (CPHEEO) M/o Housing and Urban Affairs, Gol, Nirman Bhawan, New Delhi 110 011 Email ID:

	Housing and Urban Affairs, GoI			dr.ramakant@nic.in
4.	Dr. S. A. Hussain (Serving), Scientist G (Professor) & Head, Department of Landscape Level Planning and Management, Wildlife Institute of India, Dehradun	Member (official)	Wildlife	Wildlife Institute of India, PO Box No. 18, Dehradun - 248 001 Email ID: hussain@wii.gov.in
5.	Representative of Director (Serving), Indian Institute of Remote Sensing (IIRS), Dehradun	Member (Ex-officio)	Remote Sensing	Indian Institute of Remote Sensing (IIRS), 4, Kalidas Road, Dehradun 248 001
6.	Representative of Director (Serving), G. B. Pant National Institute of Himalayan Environment and Sustainable Development, Almora, Uttarakhand	Member (Ex-officio)	Natural Resource Management	G. B. Pant National Institute of Himalayan Environment and Sustainable Development, Kosi-Katarmal, Almora, Uttarakhand 263643
7.	Representative of Director (Serving), Indian Institute of Forest Management (IIFM), Bhopal	Member (Ex-officio)	Forestry	Indian Institute of Forest Management (IIFM), Bhopal, Madhya Pradesh 462003
8.	Director or his/her representative (Serving), National Centre for Coastal Research (NCCR) (Formerly Integrated Coastal and Marine Area Management Project Directorate, (an attached office of M/o Earth Sciences)), Pallikaranai, Chennai	Member (Ex-officio)	Coastal & Marine Ecology	Integrated Coastal and Marine Area Management Project Directorate (ICMAMPD), 2 nd Floor, NIOT Campus, Velacherry-Tambaram Main Road, Pallikaranai, Chennai 600 100, Tamil Nadu
9.	Shri Y. P. Yadav (Serving), Scientist-E, Central Pollution Control Board, Delhi	Member (official)	Water Pollution	Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi - 110 032
10.	Shri G. Rambabu (Serving), Scientist - C, WM-1, Central	Member (official)	Hazardous Wastes	Central Pollution Control Board, Parivesh Bhawan, East Arjun

	Pollution Control Board, Delhi			Nagar, Delhi – 110 032
11.	Representative of Director (Serving), National Centre for Sustainable Coastal Management (NCSCM), Chennai	Member (Ex-officio)	Coastal & Marine Environment & Ecology	National Centre For Sustainable Coastal Management, Ministry of Environment, Forest and Climate Change (MoEF&CC), Anna University Campus, Chennai – 600025, Tamil Nadu
12.	Representative of Director (Serving), Indian Meteorological Department, M/o Earth Sciences, Gol, New Delhi	Member (Ex-officio)	Air Pollution & Dispersion Meteorology	Indian Meteorological Department, M/o Earth Sciences, Gol, Mausam Bhawan, Lodi Road, New Delhi – 110 003
13.	Shri S.P. Vashisht, Former DIG (WL), MoEF&CC and presently Chief Conservator of Forests, Forest Department, Government of Assam	Member (official)	Wildlife	Chief Conservator of Forests, Forest Department, Government of Assam, Aranya Bhawan, Panjabari Guwahati, Assam- 781037
14.	Dr. Jigisha Parikh, Professor, Professor Chemical Engineering Former Scientist G-SERB, DST-Gol- New Delhi Formerly Head - Department of Chemical Engineering Sardar Vallabhbhai National Institute of Technology	Member (official)	Pollution	Sardar Vallabhbhai National Institute of Technology, SURAT-395 007, Gujarat-India.
15.	Advisor (RE)	Member Secretary		MoEF&CC

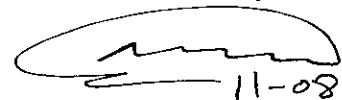
2. The Term of Reference (ToR) of the Technical and Financial Appraisal Committee (TFAC) of the R&D Scheme shall be as under:

- i. Preliminary screening of proposals will be done in-house and complete proposals will be placed before the Technical and Financial Appraisal Committee (TFAC) for appraisal and recommendation to the Steering Committee;

- ii. To determine whether the proposals fall under the identified Thematic areas of RE & NNRMS in the Ministry;
- iii. To determine (i) overall competence of the Principal Investigator, research team, and host institution for implementation of research proposals, (ii) completeness of research proposals and (iii) usefulness of research outputs and outcomes;
- iv. To identify a minimum of three and maximum of five expert peer – reviewers, only in exceptional cases, having expertise in the specific research topic to whom the technical proposal may be sent for evaluation;
- v. To scrutinize and evaluate research proposals, make recommendation for acceptance of Final Technical Reports and closure of research projects;
- vi. To assess the scientific and technical soundness of the proposals with respect to the objectives, methodology used, the expected outcomes and outputs and the practical utility of the research outputs;
- vii. To assess whether the budgetary requirements are commensurate with the research works to be carried out, which includes scrutiny of proposed budgetary requirements, component wise analysis of cost of project, scrutiny and evaluation of the requirement for research and technical staff and necessity for the equipment projected in the research proposal;
- viii. To assess expected and other physical outcome of the project, cost benefit analyses in terms of physical outputs and environment benefits, minimum required tenure of the project-techno-commercial feasibility of the project, modalities for replication of the outcomes, no duplication with existing work/ongoing projects, standardization of the design parameters for technology and preparation of protocols/prototypes for achieving reliable and replicable process;
- ix. To list clearly the expected outputs and outcomes of each proposed research project;
- x. To recommend research proposals for final approval and sanction of the Steering committee on Research;
- xi. To monitor and evaluate the progress of on-going projects and to suggest mid-course correction, if required;
- xii. To evaluate Final Technical Reports in terms of outputs and outcomes and its utility in enhancing the quality of environment and recommend the same for final acceptance by the Steering Committee on research to launch All India Co-ordinated Research Programme and Commissioned research;
- xiii. To identify priority areas of research under the Thematic areas of research and facilitate development of concept proposals to launch 'All India Coordination programmes/Commissioned studies';
- xiv. To introduce the concept of 'cost-sharing' and 'viability gap funding' to promote industry participation in research and make the programme commercially viable, wherever possible and to address intellectual property rights issues;
- xv. To address issues related to availability of report on public domain, patent related conditions, revenue generation issues etc.

- xvi. To consider any other matter relating to R&D Scheme as may deem fit for promotion of research in the area of Environment and Ecology.
3. The tenure of the Technical and Financial Appraisal Committee will be for a period of two (02) years which may be subsequently extended until its re-constitution by the Ministry of Environment, forest and Climate Change.
 4. The Technical and Financial Appraisal Committee (TFAC) may meet as often as necessary in Delhi or elsewhere in the country as required.
 5. The Technical and Financial Appraisal Committee (TFAC) may co-opt any member/special invitee as and when required with the approval of competent authority.
 6. The Chairman of the TFAC Committee would be entitled to the reimbursement of the cost of Air travel by Executive Class by the shortest route and all other members would be entitled to travel by air in Economy Class by the shortest route, as per Rule SR-190 and subject to production of boarding pass for actual use of the facility.
 7. The admissibility of sitting fee to non-official expert members would be as per M/- Finance, Department of Expenditure's Office Memorandum No. 19047/10/2016-E-IV dated 12.04.2017.
 8. Official members of the Committee will be entitled to air travel, local travel for attending the meetings as admissible as per their entitlement and not entitled for any sitting fee. Claim on this account for other members will be admissible for one source only.
 9. All the non-official members of the Committee shall have to furnish the declaration of 'Conflict of Interest' as per enclosed proforma for ensuring accountability.
 10. This issues with the approval of the competent Authority and with the concurrence of AS&FA vide their Dy. No. 138189 dated 02.08.2021.

Yours faithfully,



11-08-2021

(Navil Kapur)
Deputy Secretary (RE)
E-Mail:- navil.kapur@nic.in

To:

- I. The Chairman and all members of the TFAC (by name);
- II. PPS to Secretary (EF&CC)/PPS to AS(RA)/PPS to SS&FA;
- III. All JSs/IGFS/Advisers/Director(RE)
- IV. Pay & Accounts Officer, MoEF&CC
- ✓ V. Consultant (IT) for uploading on website of the Ministry/IFD etc.

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Declaration against 'Conflict of Interest'

I having been appointed as the Chairperson/Member of the Technical and Financial Appraisal Committee on R& D Scheme, MoEF&CC do solemnly declare:

There is no 'Conflict of Interest' between my responsibility as the Chairperson/Member of the Technical and Financial Appraisal Committee on R&D Scheme, MoEF&CC and my employment/assignment/profession or position being held at present.

Place.....

Name

Date.....

Signature