

**Government of India**  
**Ministry of Environment Forest & Climate Change**  
**(Research in Environment)**

**AGENDA FOR 14<sup>th</sup> Meeting of the Technical & Financial Appraisal Committee (TFAC)**  
**on R&D Scheme for Conservation & Development**

**Date: 30.07.2020 (Thursday)**

**Venue: VC meeting in** Indus Conference Hall, Jal Wing, Ground Floor, Indira Paryavaran Bhawan, New Delhi

**Time: 10.30 AM onwards**

**1.0** Confirmation of Minutes of 13<sup>th</sup> TFAC meeting held on 16.07.2020

**2.0 Projects to be considered:**

**I PROJECTS OF NEW R&D SCHEME FOR RECONSIDERATION**

<b>S.N.</b>	<b>Reg ID</b>	<b>Thematic Area</b>	<b>Title of project</b>	<b>Name of PI and Institution Address</b>	<b>Remarks</b>
1.	442/2018-RE	Climate Change Adaptation and Mitigation	Experimental study on the re-glaciation of de-glaciated valley in Sikkim through artificial glaciation	Dr. Narpati Sharma, Asst. Scientific Officer, Sikkim State Council of Science and Technology, Dept of Science & Technology, Vigyan Bhawan, Deorali, Gangtok	<b>Duration: 3 yrs</b> <b>Cost of project: Rs</b> 4,99,73,175
2.	148/2020/RE	Climate Change: Vulnerability & Risk Assessment, Process, Mitigation and Adaptation	Mitigation measures for air pollutants and heat islands by urban forest management – Quantification of the present scenario and extrapolation of future prospects	Dr. Bhanu Pandey, Scientist, Natural Resources and Environment Management, - Central Institute of Mining and Fuel Research (CIMFR), ODB Building, Barwa Road, Dhanbad, Jharkhand	<b>Duration: 2 yrs</b> <b>Cost of Project: Rs</b> 62,40,000
3.	179/2020/RE	Climate Change: Vulnerability & Risk Assessment, Process, Mitigation and Adaptation	NIR Light reflective Nano composite plastering mortar/coating towards climate change adaptation in buildings	Dr. K.Jeyasubramanian, Senior Professor, Department of Chemistry, Mepco Schlenk Engineering College, Sivakasi, Tamil nadu	<b>Duration: 3 yrs</b> <b>Cost of Project: Rs</b> 44,91,210

4.	164/2020/RE	Waste Minimisation/ Hazardous Wastes/Pollution Prevention	Design and Development of Universal Incineration Process for the Disposal of Mixed Unused Fireworks Chemicals to Mitigate the Impacts of Emissions on Environment	Dr. Prabakaran, T, Sr. Prof, Department of Mechanical Engineering, Mepco Schlenk Engineering College (Autonomous), Sivakasi, Mepco Engineering College Post 626005, Virudhunagar District, Tamil Nadu	<b>Duration: 3 years</b> <b>Cost of project: Rs</b> 23,30,000
5.	472/2018/RE	Pollution Prevention	Experimental Investigation and Artificial Neural Network Modeling on Treated Wastewater Performance on Fresh Hardened and Durability Properties of Portland Cement	Dr. G Reddy Babu, Dept of Civil Engineering, Gudlavalleru Engineering College, Gudlavalleru, Krishna District, Andhra Pradesh	<b>Duration: 3 years</b> <b>Cost of project: Rs</b> 27,63,929
6.	424/2018-RE	Sustainable Development	Forest products trade scenario in India	Dr. Manmohan Yadav, Associate Professor, Indian Institute of Forest Management, Post Box No 357 Nehru Nagar, Bhopal	<b>Duration: 2 years</b> <b>Cost of project: Rs</b> 45,72,000
7.	498/2018-RE	Conservation of Forest Ecosystem in the context of Climate Change	Understanding the Relationship between Forest and Water in the context of Changing Climate Variables of Narmada Catchment	Dr. Bhaskar Sinha, Asst. Prof., Indian Centre for Climate Change Studies, Institute of Forest Management (IIFM), Nehru Nagar, Bhopal	<b>Duration: 2 years</b> <b>Cost of project: Rs</b> 45,06,900
8.	458/2018/RE	Conservation of Forest Ecosystem	Phytosociological survey on economically important plants in a dry deciduous forest Meghamalai Hills, Western Ghats, Tamil Nadu	Prof. Dr.G.Renuga, Associate Prof & Principal, Sri Adi Chunchnagiri Womens College, Cumbumtheni Dist, Tamil Nadu	<b>Duration: 2 years</b> <b>Cost of project:</b> <b>Rs15,46,600</b>
9.	99/2018/RE	Conservation of Forest Ecosystem	Ex situ conservation through in vitro propagation, zygotic embryo cryopreservation and ecorestoration of threatened woody medicinal plants of the Western Ghats	Dr Radha RK, Biotechnology and Bioinformatics Division, Jawaharlal Nehru Tropic Botanic Garden & Research Institute, Palode, Thiruvananthapuram, Kerala	<b>Duration: 3 years</b> <b>Cost of project: Rs</b> 29,83,600

## II RECONSIDERATION OF R&D PROJECTS OF OLD R&D SCHEME:

### List of R&D Projects of Old R&D Scheme

S.N	Reg ID	Thematic Area	Title of project	Name of PI and Institution Address
1.	F.No. 14/34/2014- ERS/RE:	Biodiversity Conservation	Project titled " <i>Patterns of tree cavity occurrence and use by vertebrates in tropical forests of the Western Ghats: a community web approach and its implications in forest management</i> "	Dr. P. Balakrishnan, Principal Investigator, Kerala Forest Research Institute, Thiruvananthapuram, Kerala
2.	F.No. 14/89/2013- RE	Biodiversity Conservation	Project titled " <i>Diversity of benthic communities and their response to organic carbon sedimentation in the Vembanad estuary, a tropical Ramsar site in Kerala, India</i> "	Dr.Salom Gnana Thanga, Department of Environmental Sciences, University of Kerala, Kariavattom, Kerala.

### 2.0 Any Other Matter with the Permission of the Chair

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