

Government of India

Ministry of Environment, Forests & Climate Change
(RE Division)

AGENDA FOR 13th Meeting of the Technical & Financial Appraisal Committee (TFAC) on
R&D Scheme for Conservation & Development

Date: 16.07.2020
Time: 10.30 Hours

Venue: Indus Conference Hall,
Indira Paryavaran Bhawan, New Delhi

1.0.0 Opening of the Meeting

2.0.0 Projects to be considered:

3.0.0 Any other matter with permission of Chair

2.0.1 PROJECT OF NEW R&D SCHEME FOR CONSIDERATION:

Sl. No.	Registration No.	Thematic Area	Title of Project	Details of P.I.	Date and Time
1.	14/2020/RE	Pollution Prevention - Clean Technologies and Processes	Virtual Screening of Contaminants of Environmental Concern and Impact Analysis	Ms. Mitali Vedanti Designation of PI : Assistant Professor Address of PI : M S Patel Department of Civil Engineering Faculty of Technology and Engineering (CSPIT) Charotar University of Science and Technology (CHARUSAT), Changa District Anand, Gujarat 388421	16/07/2020 10:30 AM - 10:50 AM
2.	27/2020/RE	Pollution Prevention - Clean Technologies and Processes, Cleaner Production, 3Rs, Resource Efficiency, Waste Minimisation and Management, etc	Hospital wastewater treatment under field scale pilot horizontal subsurface flow constructed wetlands	Dr. Prashant Designation of PI : Assistant Professor Address of PI : Dept. of Environmental Science Room No-229, SEBES, Central University of South Bihar, SH-7, Gaya Panchanpur Road, Village Karhara, Post. Fatehpur, Gaya 824236 (Bihar) 824236	16/07/2020 10:50 AM - 11:10 AM
3.	48/2020/RE	Pollution Prevention - Clean Technologies and Processes, Cleaner Production, 3Rs, Resource Efficiency, Waste Minimisation and Management, etc	Biomass burning and Air pollution: Measurement and characterization of biogenic organic aerosols in Indo-Gangetic plain	Dr. Ganagamma S Designation of PI : Associate Professor Address of PI : Environmental Laboratory, Department of Chemical Engineering, NITK Surathkal, Srinivasanagar(PO), Mangalore 575025	16/07/2020 11:10 AM - 11:30 AM
4.	59/2020/RE	Pollution Prevention - Clean Technologies and	Assessment on Plastic, micro-plastic pollution in coastal, riverbed	Prof. Papita Das Designation of PI : Professor	16/07/2020 11:30 AM -

		Processes, Cleaner Production, 3Rs, Resource Efficiency, Waste Minimisation and Management, etc	and its recycling technology with value added products.	Address of PI : School of Advanced Studies in Industrial Pollution Control Engineering, Department of Chemical Engineering Jadavpur University 700032	11:50 AM
5.	145/2020/RE	Pollution Prevention - Clean Technologies and Processes, Cleaner Production, 3Rs, Resource Efficiency, Waste Minimisation and Management, etc	Assessment of health risk of heavy metals and microbial pollution from consuming vegetables grown on sewage and faecal sludge irrigated soils in periurban area of Bangalore rural district, Karnataka, India	Dr. Dr B T Shivendra Designation of PI : Associate Professor Address of PI : CIVIL DEPARTMENT DAYANANDA SAGAR COLLEGE OF ENGINEERING 560078	16/07/2020 11:50 AM-12:10PM
6.	493/2018/RE	Pollution Prevention - Clean Technologies and Processes, Cleaner 3 Production, 3Rs, Resource Efficiency, Waste Minimisation and Management, etc	Utilization of agro-wastes for the development of value-added composite materials and reducing crop-residue burning in Patiala district of Punjab	Dr. Deepak Jain Designation of PI : Assistant Professor Address of PI : Room Number CD 105, Mechanical Engineering Department, Thapar Institute of Engineering and Technology, Patiala (Pb.) 147001	16/07/2020 12:10 PM-12:30 PM
7.	1/2020/RE	Sustainable Management of Natural Resources	Identification of Drivers, Barriers, and study of Innovative Circular Economy (CE) business models - a case of Construction Industry	Prof. VIDYADHAR GEDAM Designation of PI : Assistant Professor Address of PI : National Institute of Industrial Engineering Mumbai 440087	16/07/2020 12:30 PM - 12:50 PM
8.	9/2020/RE	Sustainable Management of Natural Resources	Exploration of possible association of province diversity/pathogen/insect/soil in relation to decline of Tree bean (<i>Parkia roxbergii</i>) in North East Region	Dr. Bireswar Sinha, Assistant Professor (Senior Scale) Address of PI : COA-CAU-Imphal Pincode: 795004, Department of Plant Pathology Address of Department/Centre : COA-CAU-Imphal	16/07/2020 12:50 PM-01:10 PM
9.	46/2020/RE	Sustainable Management of Natural Resources	Documentation of overall energy savings through Life Cycle Energy Analysis for a diverse range of building materials, technologies and building typologies specifically in respect of the Indian housing sector	Mr. Rajesh Malik Designation of PI : Professor (Design Chair) Address of PI : School of Architecture, REVA University, Rukmini Knowledge Park, Kattigenahalli, Yelahanka, Bengaluru, Karnataka 560064	16/07/2020 01:10 PM-01:30 PM

2.0. RECONSIDERATION OF R&D PROJECTS OF OLD R&D SCHEME:

Sl. No.	File No.	Thematic Area	Title of Project	Details of P.I.	Date and Time
10.	19-16/2014-RE	Pollution	Red mud as an adsorbent for removal for pollutants	Dr. G. V. Krishna Mohan, , Department of Chemistry, Vaddeswaram-522502 drkrishnamohangv@kluniiversity.in	16/07/2020 02:00 PM- 02:20 PM
11.	19-250/2013-RE	Hazardous Sustances	Insecticidal potential and biological Activity of semecarpusanacardium against Defoliators	Dr. S. Murugesan, Division of Bio-prospecting IFGTB, Campus, RS Puram, Coimbatore muruges hirdi@icfre.org 9486801110/ 0422-2484169	16/07/2020 02:20 PM- 02:40 PM
12.	14/13/2012-ERS/RE	Agriculture	"Systematic and life history strategies of strepsipteran parasitoids (insects: Strepsiptera) with special emphasis on stylopisation of pests of rice Agro-ecosystem in West Bengal"	Dr. Niladri Hazra Associate Professor, Deptt. Of Zoology, The University of Burdwan, P.O.Rajbati, Burdwan-713104 West Bengal hazra.niladri@gmail.com 09474141470 09734246170	16/07/2020 02:40 PM- 03:00 PM
13.	19-79/2013-RE	Hazardous Substances/ Pollution	"Remediation of Ground Water Contaminated with Hexavalent Chromium in Sukinda Valley, Odisha, Using Nano Zero Valent Iron (n-ZVI) Technology "	Dr. Alok Sinha, Centre of Mining Environment, Indian School of Mines, Dhanbad	16/07/2020 03:00 PM- 03.20PM

3.0.0 Any other business with permission of Chair