

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

**4th Meeting of the Steering Committee on R&D Scheme to consider R&D Projects of
XIth and XIIth Five Year Plan**

Date : 28.09.2018

Venue :

Teesta Conference Hall

Time : 11:00 Hrs

Indira Paryavaran Bhawan,
New Delhi

1.0.0 Opening of the Meeting

1.1.0 Projects to be considered :

S. N	File No. & Title of the Project	Thematic Area
1.	19-72/2014-RE Dr. Pradeep Kumar Sharma “Dairy Wastewater treatment using pilot-scale hybrid sub-surface Constructed Wetland systems operating under different recirculation rates”	Pollution
2.	19-183/2013-RE Dr. P. Jegathambal “Nano Bio Remediation of Textile Industrial Effluent in Tirupur District Tamil Nadu”	Pollution
3.	19-112/2013-RE Dr. T. Vijaya “Genetic diversity of heavy metal resistant endophytic fungi from Eastern Ghats and their application for restoration of contaminated sites”.	Hazardous Wastes/ Pollution
4.	19-250/2013-RE Dr. S. Murugesan “Insecticidal potential and biological Activity of <i>Semecarpusanacardium</i> against Defoliators”.	Hazardous Substances
5.	19-68/2012-RE Dr. V. Alexander “Development of Hybrid Nanomaterials – based water filters for affordable potable water”.	Environmental Health
6.	19-339/2013-RE Dr. S. S. Amritphale “Bulk Utilisation of Red Mud for Making Advanced Ligno-Silico Aluminous(LSA) Geopolymeric Materials”	Hazardous Substances/ Pollution
7.	19-142/2014-RE Dr.Ramakant “Evaluation of Toxic Agrochemicals Effect on Recurrence of Algal Biodiversity”	Hazardous Substances
8.	F.No.19-59/2008-RE Dr. Nalini Sanakararamakrishnan “Development of viable technology for mercury remediation from Industrial and dental hospital wastewaters using polymer nanocomposites”	Hazardous Substances
9.	F.No.19-79/2013-RE Dr. Alok Sinha “Remediation of Ground Water Contaminated with Hexavalent Chromium in	Hazardous Substances/ Pollution

	Sukinda Valley, Odisha, Using Nano Zero Valent Iron (n-ZVI) Technology ”.	
10.	19-150/2014-RE Dr. P. Thangavel “Phytoremedial Assessment of Metal Tolerant Flora in the Vicinity of Metal Based Industrial Clusters of Western Tamil Nadu”	Hazardous Substances/ Pollution
11.	19-78/2009-RE Dr. K. Byrappa “Metal Oxides Based Advanced Oxidation Technology for Industrial Pollution Control”	Pollution
12.	19-112/2010-RE Dr. P. Shanmugam “Sequential Production of Bio-diesel, Ethanol, Hydrogen and Methane as a “Biorefinary” Concept using Leather Solid Wastes and Effluent Treatment Sludges”.	Pollution
13.	19-60/2013-RE Prof. Arif Ali “Comparative study of ESBL producing and PMQR <i>E.coli</i> and <i>K.pneumoniae</i> from purified tap water and unpurified samples of Yamuna”.	Pollution
14.	19-22/2014-RE Dr. Kumud Dubey “Bioremediation of Bauxite Residue (Red mud), a waste product generated in Alumina industry through Integrated Biosolid Microbe (IBM) Combinations”	Hazardous Wastes/ Pollution
15.	19-59/2013-RE Dr. Virendra Kumar Mishra “Identification of Potential Risk from Ecologically Relevant Toxicants on Narmada River and Evaluation of its Health Using Aquatic Macro Invertebrates”.	Pollution
16.	19-86/2009-RE Dr. K. Kumar “Development of efficient processes for biomethanation and bioremediation of cassava sago effluent by nitrogen amendments and <i>Spirulina</i> cultivation under HRAP system for safe recycling”	Pollution
17.	F.No.19-342/2013-RE Prof. Alok Satapathy “Utilization of Red Mud as Particulate filler in Polymer Composites”.	Pollution
18.	F.No.19-224/2014-RE Dr. Kavita Shah “To Investigate the Toxicology and Biomagnifications of Nano ZVI Present in Consumer Products and Released after Use in the Environment”	Pollution
19.	19-38/2014-RE Dr. Dharendra Singhal “Design Production and Durability of Geo-polymer Concrete”	
20.	No.14/15/2010-ERS/RE Dr. A.A. Shah “Studies on Ecology and Diversity of Nematodes of Pir Panjal Range in Jammu & Kashmir	Biodiversity
21.	No.14/9/2011-ERS/RE Dr. M. Bhubaneshwari Devi “A study of diversity of Insect Fauna in Loktak Lake of Manipur”	Biodiversity

22.	14/30/2008-ERS/RE Dr. Geeta Asthana "Assessment of Biodiversity in Uttarakhand, Western Himalaya"	Biodiversity
23.	F.No.14/34/2014-ERS/RE Dr. P. Balakrishnan "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"	Ecology
24.	F.No.14/259/2015-RE Dr. Sanjay Keshari Das "Spider diversity in the Eastern Ghats of Odisha"	Biodiversity
25.	F. No. 14/8/2014-RE Dr. (Mrs.) Ashalata Devi Exploration of Biodiversity and Conservation issues of Talley Valley Wildlife Sanctuary, Arunachal Pradesh with reference to wildlife species distribution along climate and topographical gradients	Biodiversity
26.	F.No.14/41/2014-RE Dr. S. Sambath Studies on the moth fauna of Pachmarhi Biosphere Reserve – an assessment of the species richness, relative abundance and distribution as environmental indicators	Biodiversity
27.	F. No. 14/222/2014-ERS/RE Dr.R.C.Sundriyal Ecosystem Services in changing biodiversity state: A comparative study of Western and Eastern Himalayan forest stands	Ecology
28.	F.No.23/23/2012-RE Dr. Anilkumar C Conservation of seven RET medicinal Plants of the Western Ghats through standardization of seed and seedling Identification, Germination, Species Restoration, Seed and Field Gene Banking	Biodiversity
29.	F.No.14/25/2013-RE Dr.R.N.Yadava "Study of Plant Diversity of Udaipur wetland of West Champaran and its water quality with Conservation being the objective"	Ecology
30.	F.No.14/12/2012-ERS/RE Dr.Nitin Manohar Dongarwar "In vitro Multiplication and eco-restoration of <i>Habenaria Panchganiensis</i> -Critically Endangered Orchid "	Biodiversity
31.	No.14/95/2013-ERS/RE Dr. R. Sheik Mohammed Shamsudeen "Diversity and Ecological Mapping on Lepidoptera (Insecta) of Shola forests of Kerala"	Biodiversity
32.	19-56/2014-RE Dr. P Murugesan "Impact of anthropogenic activities on the benthic biodiversity along the Tamil Nadu coast: Biotic indices approach"	Biodiversity
33.	F.No.24-38/2013-RE Dr. M.P.A Lakshmithathachar "An Application-oriented study of the Social and Traditional Customs and Practices having far-reaching Implications/solutions for the Protection of the Environment and Ecosystems".	Sustainable Development