

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

**AGENDA FOR 12<sup>th</sup> Meeting of the Technical & Financial Appraisal Committee (TFAC)**  
on R&D Scheme for Conservation & Development on **15.07.2020**

Date: 15.07.2020  
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.	105/2020/RE	Biodiversity Conservation including Issues of Alien and invasive species and Human-wildlife Interface	A non-intrusive surveillance and early warning system to manage elephant intrusion using study of seismic and infrasonic vocalization	Dr. A. Hepzibah Christinal <b>Designation of PI :</b> Professor <b>Address of PI :</b> Department of Mathematics, Karunya Institute of Technology and Sciences, Karunya Nagar 641114	15/07/2020 10:30 AM - 10:50 AM
2.	126/2020/RE	Biodiversity Conservation including Issues of Alien and invasive species and Human-wildlife Interface	Assessment of impact of invasive alien fishes on native fish biodiversity in Loktak and its surrounding lake along with its distribution and effect on ecosystem services in natural water bodies of Manipur	Dr. Shantabala Devi Gurumayum <b>Designation of PI :</b> Scientist D <b>Address of PI :</b> Zoological Survey of India, Arunachal Pradesh Regional Centre, Itanagar 791113	15/07/2020 10:50 AM- 11:10 AM
3.	37/2020/RE	Use of remote sensing technology for inventorisation, assessment and monitoring of countrys natural resources such as land, water, forests, wetlands, glaciers etc.	Development of a mechanism for quantification of the pre-mining and post-mining conditions of the forest ecosystem in mining region to understand the effectiveness of mine closure guideline in respect to reclamation	Dr. Amit Kumar Gorai <b>Designation of PI :</b> Associate Professor <b>Address of PI :</b> Department of Mining Engineering, NIT Rourkela, Odisha 769008	15/07/2020 11:10 AM - 11:30AM
4.	102/2020/RE	Conservation and Management of Landscapes and Ecologically sensitive areas including issues of sustainable livelihoods	Land use and monitoring spatio-temporal movement of elephants in the Nilgiris corridors after the judgment of Honorable Supreme Court in Tamil Nadu	Dr. B.Ramakrishnan <b>Designation of PI :</b> Assistant professor in Wildlife Biology <b>Address of PI :</b> Department of Zoology and Wildlife Biology, Government Arts College, Udhagamandalam The Nilgiris 643002	15/07/2020 11:30 AM - 11:50 AM

5.	459/2018/RE	Ecosystems Conservation & Management (Mountain, Forest, Coastal, Wetlands, Pastoral, etc) and Evaluation of Ecosystem Services	Assessment and valuation of provisioning services and its contribution in rural landscape of the buffer zone area of Nanda Devi Biosphere Reserve (A world heritage site), Central Himalaya, India	Dr. Ajay Maletha <b>Designation of PI :</b> Assistant Professor <b>Address of PI :</b> Amity Institute of Forestry and Wildlife, Amity University, G.B. Nagar, Uttar Pradesh, 201303 <b>Email Id of PI:</b> amaletha@amity.edu	15/07/2020 11:50 AM-12:10 PM
6.	41/2020/RE	Socio-economic issues of environment and Sustainable Development	Utilization of hazardous and industrial waste as a green concrete in heavy traffic paver block	Dr. MUTHUKANNAN <b>Designation of PI :</b> PROFESSOR <b>Address of PI :</b> DEPARTMENT OF CIVIL ENGINEERINGKALASALIN GAM ACADEMY OF RESEARCH AND EDUCATIONANAND NAGAR, KRISHNANKOIL SRIVILLIPUTTURVIRUDHU NAGAR, (DIST)Tamil Nadu 626126	15/07/2020 12:10 PM - 12:30PM
7.	94/2020/RE	Socio-economic issues of environment and Sustainable Development	Production of Sustainable High Impact Strength and Self- Healing Paver Blocks using Industrial Waste	Dr. A Chithambar Ganesh <b>Designation of PI :</b> Assistant Professor <b>Address of PI :</b> Department of Civil Engineering, Kalasalingam Academy of Research and Education, Krishnankoil, Tamil Nadu 626126	15/07/2020 12:30 PM-12:50PM

### 2.0.2 For Internal Consideration :

Sl. No.	Registration No.	Thematic Area	Title of Project	Details of P.I.	Date and Time
8.	79/2020/RE	Biodiversity Conservation including Issues of Alien and invasive species and Human-wildlife Interface	Assessment of Floral and Faunal Values and Development of Biodiversity Conservation Plan for Selected Unexplored Protected Areas of Uttar Pradesh	Prof. Jamal A Khan (For internal Consideration) <b>Designation of PI :</b> Professor <b>Address of PI :</b> Department of Wildlife Sciences, Aligarh Muslim University, Aligarh002. <b>Pincode:</b> 202002	16/07/2020 12:50 PM-1:10 PM

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

Sl. No.	Registration No.	Thematic Area	Title of Project	Details of P.I.	Date and Time
9.	14/95/2013-ERS/RE	Biodiversity Conservation	Diversity and Ecological Mapping on Lepidoptera (Insecta) of Shola forests of Kerala	Dr. R. Sheik Mohammed Shamsudeen, Department of Zoology, Sir Syed College, Kannur University, Taliparamba-670142, Kerala rsmshamsudeen@gmail.com 09447523888	15/07/2020 01:40 PM-02:00 PM
10.	F.No.14/41/2014-RE	Biodiversity Conservation	Studies on the moth fauna of Pachmarhi Biosphere Reserve – an assessment of the species richness, relative abundance and distribution as environmental indicators Dr. S. Sambath,	Dr. S. Sambath, Central Zone Regional Centre, Zoological Survey of India, Scheme No.05, Plot No.169, Vijay Nagar, Jabalpur, Madhya Pradesh Sambath63@gmail.com 09300567303 0761-2641792; 2641421	15/07/2020 02:00 PM-02:20 PM
11.	14/259/2015-RE	Biodiversity	Spider diversity in the Eastern Ghats of Odisha	Dr. Sanjay Keshari Das, Guru Gobind Singh Indraprastha University, Sector – 16C, Dwarka skdasipu@gmail.com 08447252188	16/07/2020 02:20 PM-02:40 PM
12.	F.No.14/25/2013-RE	Ecosystem Conservation	Study of Plant Diversity of Udaipur wetland of West Champaran and its water quality with Conservation being the objective	Dr.R.N.Yadava Head Botany Department, Ram Lakhan Singh Yadav College, Bihar rny_raj@yahoo.co.in (M)-09431674965	15/07/2020 02:40 PM-03:00 PM

### 3.0.0 Any other matter with permission of Chair :