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ANERT

Agency for New and renewable Energy Research and Technology

നവീനവും പുനരുപയോഗയോഗ്യമായ ഊർജ്ജ ഗവേഷണങ്ങൾക്കും സാങ്കേതിക വിദ്യകൾക്കുമുള്ള ഏജൻസി
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NOTE

Sub: SRI 2022-23-Shortlist of proposals for presentation before TEC

Following proposals classified into two different groups have been shortlisted for making online presentation before the respective Technical Evaluation Committee (TEC) of ANERT for further evaluation. This selection is only provisional and proposals are liable to get rejected at any stage of the selection process if they are found not meeting any of the requirements given in the Guidelines.

Shortlist of proposals for evaluation by TEC under SRI 2022-23				
Group I (Bio Energy and Others)				
Sl No.	Project ID	Title of the Project	Principal Investigator	Institution
1	SRI 07/2022-23	Design and Fabrication of Hydrogen cooking stove run by electrolysis of water	Dr. Gibin George	SCMS school of Engineering, Ernakulam
2	SRI 13/2022-23	Seaweeds as a Renewable Bio resource for production of Bio-oil and Bio-char through Pyrolysis – A sustainable approach for Bioenergy.	Mrs. Meera Bai.S	Sree Buddha College of Engineering, Pattoor, Alappuzha.
3	SRI 30/2022-23	Enhancing biogas production from Methanogens isolated from marshy areas and analysing its productivity	Dr. Renju Krishna V	Mercy College Palakkad
4	SRI 46/2022-23	Cultivation of Microalgae from Freshwater ecosystem for the perspectives in Biofuel production	Dr. Seena K K	Mercy College Palakkad
5	SRI 51/2022-23	Power Generation from banana peel waste using dual chambered Microbial Fuel Cell System	Dr. Surendhar A	TKM institute of technology, Karuvellil, Kollam
6	SRI 66/2022-23	Electricity Production from sand Bacteria	Dr. Rekha K James	CUSAT, Kochi
		Feasibility study of developing a bio-		St. Thomas Institute for

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7	SRI 79/2022-23	Fuel from the blends of water hyacinth and Karanja oil	Dr. Edla Sneha	Science & Technology, Trivandrum
8	SRI 11/2022-23	Performance Analysis of Vertical Axis Wind Turbine (VAWT) blades made from waste plastics for power generation	Mr. Surej Rajan C	Ama Jyothi college of Engineering, Kanjirapally
Group II (SPV Cells & Energy Storage)				
SI No.	Project ID	Title of the Project	Principal Investigator	Institution
1	SRI 05/2022-23	A comprehensive study on the cost effective solvothermal synthesis and chemically deposited CuSbS ₂ nano materials for photovoltaic applications	Dr. Bincy John	St. Joseph College for Women, Alappuzha
2	SRI 12/2022-23	Development of Nanostructured N-type Semi conducting Polymers for Organic Solar Cell applications.	Dr. Kumari Nisha S	St. Joseph College for Women, Alappuzha
3	SRI 31/2022-23	Design and Development of Quantum dots for high-voltage super capacitive energy storage applications	Dr. Sam John	SB College, Changanassery
4	SRI 37/2022-23	Scalable Photocatalyst sheets for Solar Hydrogen Production	Dr. Fazalurahman K	Dept of Chemistry, University Of Calicut.
5	SRI 44/2022-23	Two dimensional Mxenes for energy storage applications	Dr. Morris Marieli Antoinette	St. Joseph's college for Women, Alappuzha
6	SRI 52/2022-23	Exploration of Bio-Derived Carbon Sphere/Less-Defective Graphene Hybrid Nanocomposite metal-free electrode materials for supercapacitor device development	Dr. Binitha N N	Dept of Chemistry, University Of Calicut.
7	SRI 53/2022-23	Synthesis of CsSnI ₃ thin films by solution-based deposition technique	Dr. Poornima N	St Paul's College, Kalamassery
8	SRI 61/2022-23	WO ₃ 0.33H ₂ O AS Electrode material for cell and fabrication of Piezo electric cells for energy storage applications	Dr. Gijo Jose.	SB College, Changanassery
9	SRI 72/2022-23	Developing chitosan-based membrane materials for supercapacitor applications	Dr. Jorphin Joseph	Dept of Chemical Oceanography, CUSAT, Kochi
10	SRI 73/2022-23	Extraction and characterization of carbon from Hevea Brasiliensis leaves for high storage Lithium battery applications	Dr. J.B. Sajin	Sree Buddha College of Engineering, Pattoor, Alappuzha.
		Fabrication and characterization of		

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11	SRI 76/2022-23	thin film thermocouples for energy production	Dr. Indu Sebastian	Newman College Thodupuzha
12	SRI 93/2022-23	Promising COD-MO Nanocomposite electrode material through Green and chemical protocols for high performance durable Supercapacitor	Mr. Arun John	St. Thomas College. Kozhencherry

The TEC meetings are planned to be held in the month of May itself and detailed schedule for presentation will be made available later.

Approved by



NARENDRA NATH VELURI I F S
CHIEF EXECUTIVE OFFICER