

I/17809/2023

Annexure 1					
Rank List of Proposals for Financial Assistance under SRI 2022-23					
Rank No.	Project ID	Title of the Project	Principal Investigator	Institution	Remarks
1	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.	Recommended
2	SRI 37/2022-23	Scalable Photocatalyst sheets for Solar Hydrogen Production.	Dr.Fazalurahman K	Dept of Chemistry, University Of Calicut.	Recommended
3	SRI 12/2022-23	Development of Nanostructured N-type Semi conducting Polymers for Organic Solar Cell applications.	Dr.Kumari Nisha S	St. Joseph's College for Women, Alappuzha.	Recommended
4	SRI 13/2022-23	Seaweeds as a Renewable Bioresource for production of Bio-oil and Bio-char through Pyrolysis – A sustainable approach for Bioenergy.	Meera Bai.S	Sree Buddha College of Engineering, Pattoor, Alappuzha.	Recommended
5	SRI 72/2022-23	Developing chitosan-based membrane materials for supercapacitor applications	Dr.Jorphin joseph	Dept of Chemical Oceanography, CUSAT, Kochi.	Recommended
6	SRI 79/2022-23	Feasibility study of developing a bio-fuel from the blends of water hyacinth and Karanja oil	Dr.Edla Sneha	St.Thomas Institute for Science & Technology, Trivandrum	Recommended
7	SRI 07/2022-23	Design and Fabrication of Hydrogen cooking stove run by electrolysis of water	Dr.Gibin George	SCMS school of Engineering, Ernakulam	Recommended with revision
8	SRI 53/2022-23	Synthesis of CsSnI <sub>3</sub> thin films by solution-based deposition technique	Dr.Poornima N	St Pauls College, Kalamassery	Recommended
9	SRI 93/2022-23	Promising CQD-MO Nanocomposite electrode material through Green and chemical protocols for high performance durable Supercapacitor	Arun John	St.Thomas college, Kozhencherry	Recommended
10	SRI 111/2022-23	Performance Analysis of Vertical Axis Wind Turbine (VAWT) blades made from waste plastics for power generation	Surej Rajan C	Amal Jyothi college of Engineering, Kanjirapally	Recommended with revision



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