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ANERT



Agency for New and Renewable Energy Research and Technology

നവീനവും പുനരുപയോഗയോഗ്യവുമായ ഊർജ്ജ ഗവേഷണങ്ങൾക്കും സാങ്കേതിക വിദ്യകൾക്കുമുള്ള ഏജൻസി
(Department of Power, Government of Kerala)

NOTE

ANERT-TECH/259/2020-S(NEP)

05/11/2022

Sub: Final Selection of Proposals for Financial Support under SRI 2020-21

On the basis of the evaluation process conducted by ANERT, 10 proposals listed in the Annexure 1 has been selected for financial support from ANERT as per the Guidelines under the programme "Supporting R&D and Innovation (SRI)-2020-21". In general, wherever Manpower component is approved, separate personnel will have to be appointed specifically for the sanctioned project limited to the approved duration and such manpower shall be paid at the below rates.

Manpower	Qualifications	Fellowship (Rs. per month)	Contingency Grant (Rs. per year)
Project Fellow	Engineering degree /post graduation in Science	22000	nil
Technical Assistant	Engineering Diploma	19000	nil
Research Fellow	NET/GATE qualifications	25000	20000

Individual communications containing the exact budget that could be sanctioned for each of the project would be issued soon. A formal sanction order will be released on intimating willingness to undertake the project with the sanctioned budget and objectives along with the pending documents, if any.

Narendra Nath Veluri I F S
Chief Executive Officer

Enclosure: Annexure 1

I/15166/2022

Annexure 1

List of Proposals Selected for Financial Support by ANERT under SRI 2020-21

Sl. No.	Ref No.	Topic	Principal Investigator	Institution	Category
1	SRI 46/ 2020-21	Design and Development of Low Powered Onboard Hydrogen Production System for Future Fuel Cell Based Vehicles	Dr. Jenopaul, Professor, EEE	Adi Shankara Institute of Engineering & Technology, Kalady	Collaborative Research
2	SRI 42/ 2020-21	Laser Assisted Fabrication of Interdigitated Dopant Free Carrier Selective Silicon Heterojunction Solar Cells	Dr. Aldrin Antony, Associate Professor, Department of Physics	CUSAT, Kochi	Sponsored Research
3	SRI 34/ 2020-21	Design and Development of High Yield Concentrated Solar Thermal Desalination Systems	Dr. Jithesh P K, Assistant Professor, ME	Government Engineering College Kozhikode, Westhill.	Sponsored Research
4	SRI 19/ 2020-21	Design and Development of Optics Integrated Rooftop Agrivoltaics	Dr. Adersh Ashok, Scientist, CSTD	CSIR-NIIST, Thiruvananthapuram	Collaborative Research
5	SRI 02/ 2020-21	Design and Fabrication of Electric Go-kart with Improved Cooling Technology for Battery	Dr. Vishnu B R, Assistant Professor, ME	Marian Engineering College, Kazhakuttom	Sponsored Research
6	SRI 47/ 2020-21	Design and Development of a solar cell powered thermo electric cold storage facility	Dr. Kishor Kumar V V, Assistant Professor, ME	Government College of Engineering, Kannur	Sponsored Research
7	SRI 09/ 2020-21	Transesterification of Rubber seed oil to Bio-diesel using a Novel Nanocatalyst, Derivation of Blended Diesel and its Performance Evaluation for Automobile Engines	Dr. Amith Aravind, Associate Professor, ME	Saintgits College of Engineering, Kottayam	Sponsored Research
8	SRI 51/ 2020-21	Development of Piezo-electric Mxene/Bismuth Titanate-PVDF/CTAB modified rGO Supercapcitor Power Cell	Dr. Soney C George, Dean Research	Amal Jyothi College of Engineering, Kanjirappally	Sponsored Research
9	SRI 16/ 2020-21	Thermal Management of Batteries in Electric Vehicles Using Pulsating Heat Pipes	Dr. Trijo Tharayil, Associate Professor, ME	Sree Buddha College of Engineering, Nooranad	Sponsored Research
10	SRI 43/ 2020-21	Design, Fabrication and Implementation of PCMs Based Passive Cooling System for Thermal Management of Li-ion Batteries Used in EVs	Dr. Rajesh Baby, Associate Professor and Dean Research, ME	St. Joseph's College of Engineering & Technology, Palai.	Sponsored Research