

2020-2021

S. No	File No	Title	PI Name & Institution Address	Duration Months	Total Cost (Rs.)
1	TMD/CERI/CSP/2020/1 E-27709	Detailed Project Report (DPR) for Concentrated Solar Power (CSP) Plant with Supercritical Carbon Dioxide (SCO ₂) Power Cycle	Prof. Pradip Dutta, Indian Institute of Science, Bangalore-560012	6	22078852
2	DST/TMD/CERI/RES/2020/7 E-31415	Design and development of 800kg multicrystalline silicon mc-Si directional solidification furnace and slicing machines for making commercial size mc-Si wafers	Prof. Ramasamy P, Dean (Research), Department of Physics, SSN College of Engineering, Kalavakkam (OMR), Chennai-603110, Tamil Nadu	36	120521120
3	DST/TMD/CERI/RES/2020/1 E-31257	Field Deployment and Scale-up of Volumetrically Controlled Wankel Steam Expander for Use with Low-pressure Solar and Process Steam	Dr. Satyanarayanan Ses hadri, Assistant Professor, Applied Mechanics, IIT Madras, Chennai-600036, Tamil Nadu	36	20397200
4	DST/TMD/CERI/RES/2020/12 E-31525	Bulk preparation of p-type and n-type materials for excitonic solar cells	Dr. Asit Patra, Principal Scientist, CSIR-National Physical Laboratory, Dr. K. S. Krishnan Marg, Delhi	36	5824224
5	DST/TMD/CERI/RES/2020/17 E-31556	Demonstration of solution processable, slot-die coated organic photovoltaic modules with >8% efficiency	Dr. Debduitta Ray, Assistant Professor, Department of Electrical Engineering, IIT Madras, Chennai-600036, Tamil Nadu	36	35139780
6	DST/TMD/CERI/RES/2020/9 E-31470	Design, Development and qualification of large area 156 mm x 156 mm secondary reference solar cells	Dr. Chandan Banerjee, Deputy Director General, National Institute of Solar Energy, Gwalpahari-122003, Gurugram, Haryana	36	30492400
7	DST/TMD/CERI/RES/2020/21 E-31982	Design and Fabrication of an LED-based solar simulator with integrated electrical and optical measurement capability	Dr. Arvind Ajoy, Assistant Professor, Indian Institute of Technology Palakkad, Kerala	36	6540601