

Project supported under DST- SERI Programme

2013-2014

Sl. No	File No	Title	PI Name & Institution Address	Duration Months	Total Cost (Rs.)
1	DST/TM/SERI/2K11/113	Semiconductor and Quantum Dot Sensitized Solid state Nanostructured Tio2 Solar Cells	Dr. Sudakar Chandran, Department of Physics, Indian Institute of Technology Madras, Chennai-600036	36	16673300
2	DST/TM/SERI/2K12/11	Development of FRET Enhanced Quantum Dot Sensitized Solar Cell	Dr. M. Deepa, , Department of Chemistry, Indian Institute of Technology Hyderabad, Ordnance Factory House,	36	11630000
3	DST/TM/SERI/2K12/21	Fabrication of all-inkjet printed organic solar cells in an inverted geometry	Dr. Dipti Gupta, Department of Metallurgical Engineering and Material Science, Indian Institute of Technology Bombay, Mumbai-400076	36	8157400
4	DST/TM/SERI/2K12/109	Preparation of Solid Polymer Electrolytes for Fabrication of Dye Sensitized Solar Cells	Dr. S. Anandan, Department of Chemistry, National Institute of Technology, Trichy Tamil Nadu,	36	4480000
5	DST/TM/SERI/2K12/17	Development of Novel Organic Semiconductor-based Solar harvesting Devices to Probe Plasmonic Effects	Dr. Soumya Dutta,, Department of Electrical Engineering, Indian Institute of Technology Madras, Chennai-600036	36	45610000
6	DST/TM/SERI/2K11/114	PVD-electrochemical hybrid method to eliminate toxic H2Se in CIGS Solar Cell fabrication process	Prof. S. Ramanathan, Assistant Professor, Department of Chemical Engineering, Indian Institute of Technology Madras, Chennai-600036	36	9390973
7	DST/TM/SERI/2K12/120	Development of thin film solar cell with earth-abundant kesterite absorber Material	Dr. Sankara Narayanan Potty, Scientist, Centre for Materials for Electronics Technology, Athani PO, Thrissur – 680581, Kerala	36	4583000

8	DST/TM/SERI/2K11/111	Nano-ink based CIGS and CZTS heterostructures for photovoltaic applications	Prof. M. S. Ramachandra Rao, Department of Physics MSRC Building; IIT Madras -600036	36	18271200
9	DST/TM/SERI/2K11/110	Characterization of Silicon Sheets prepared by Capillary Action Shaping Technique (CAST) for Solar Cell Applications	Dr. Shruti Agrawal , G.G.S. Indraprastha University (GGSIU), Sector-16C, Dwarka, New Delhi-110075. Dr. Sanjeev Kumar, Punjabi University, Patiala - 470021	12	2175000
10	DST/TM/SERI/2K11/50	Off Grid BiPVT Integrated Micro Wind Power System	Prof. G N Tiwari, Centre for Energy Studies, IIT Delhi, Hauz Khas, New Delhi-110016	36	5559200
11	DST/TM/SERI/2K11/115	Synthesis, Fabrication and Performance Evaluation of Dye Sensitized Solar Cell (DSSC) with Ionic liquid as Electrolyte and Carbon Rich, Fractal type Molecular Assembly as Photon Absorbing Species: A Novel Approach to Enhance the Efficiency of DSSC	Dr. Edamana Prasad, , Department of Chemistry, Indian Institute of Technology Madras, Chennai-600036	36	40749000
12	DST/TM/SERI/2K12/49	Providing Running water to the School toilets through solar pump for improved sanitation and Utilisation of the solar panel for other activities during non-operational period of the pump	Dr. S P Gon Chaudhuri, NB Institute for rural technology 220, Madurdaha, Plot no. C21, Kolkata -700107	24	986900
13	DST/TM/SERI/2K12/52	Bhaskara Advanced Solar Energy Program	Dr. Rajiv Sharma, INDO-US Science and technology Form, 12-Hailey road, New Delhi-110001	36	79667000
14	DST/TM/SERI/2K12/51	Feasibility of harnessing concentrated solar thermal energy to produce and store pyrolysed biofuels for automotive engine applications	Dr. Pradeepta Kr sahuo, , Institute for Alternative Energy Research, University of Petroleum & Energy Studies, Energy Acres, Village/PO-Bidholi, Dehradun-248007, Uttarakhand	36	4285000

15	DST/ TM/SERI/2k12/35	Advanced Solar Power Management System (ASPMS)	Dr. R. N. Patel, Shri Shankaracharya Group of Institutions, Junwani, Po-Nehru Nagar, Bhilai-490020, Chhattisgarh	36	2281250
16	DST/ TM/SERI/2k12/30	Development of MoS2 Nanorods for Photovoltaic Applications	Dr. Srikari. S, M. S. Ramaiah School of Advanced Studies, # 470-P, Peenya Industrial Area, Bangalore – 560058	36	2453600