

2017-18

S. No.	File No	Title of Project	PI Name & Institution Address	Duration	Project Cost
1.	TMD/CERI/BEE/2016 /021	Design and development of solar and agricultural waste-based building cooling system	Dr. Ranjan Das Indian Institute of Technology Ropar, Rupnagar-140001, Punjab.	42 months	Rs. 38,24,260/-
2.	TMD/CERI/BEE/2016 /032	Development of High Volume Flyash Foam Concrete Wall Panel Using Rice Straw as Thermal Insulation Material	Dr. K.M. Mini Amrita University Coimbatore, Coimbatore-641112, Tamil nadu.	45 months	Rs. 38,56,600/-
3.	TMD/CERI/BEE/2016 /039	User friendly functional Simulation tool development through experimental validation for integration of PCM in energy efficient buildings for thermal management	Prof. R. Velraj Anna University, Chennai-600025, Tamil nadu. & Dr. V. Antony Aroul Raj Easwari Engineering College, Chennai-600089, Tamil nadu. & Dr. (Mrs.) N.B. Geetha Meenakshi College of Engineering, Chennai-600078, Tamil nadu.	40 months	Rs. 92,78,940/-
4.	TMD/CERI/BEE/2016 /040	Design & prototype demonstration of a CHCP system for scalable building energy use based on methanol powered fuel cell system	Dr. Atul Bhargav Indian Institute of Technology Gandhinagar, Gandhinagar-382424, Gujarat.	42 months	Rs. 69,63,000/-

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5.	TMD/CERI/BEE/2016 /045	Habitat Model for Efficiency and Comfort	Ms. Minni Sastry The Energy and Resources Institute, Bangalore, Bangalore-560071, Karnataka.	42 months	Rs. 78,69,400/-
6.	TMD/CERI/BEE/2016 /063	Standardisation Of Measurement Protocol For Overall Heat Transfer Co-Efficient (U-Value) For Building Materials & Components For Indian Subcontinent	Prof. Subhasis Neogi Aliah University, Kolkata, Kolkata-700156, West Bengal. & Dr. Biplab Das National Institute of Technology Silchar, Silchar-788010, Assam.	36 months	Rs. 1,08,23,780/-
7.	TMD/CERI/BEE/2016 /064	Standalone Evaporative Air cooler – Pump flow and fan speed controller using solar energy	Dr. B. Venaktesa perumal National Institute of Technology Karnataka, Mangalore-575025, Karnataka.	30 months	Rs. 38,69,800/-
8.	TMD/CERI/BEE/2016 /067	Developing energy efficient and ECBC compliant opaque wall assembly unit for warm & humid climate as well as hot & dry climate	Prof. Roshni Udyavar Yehuda Science and Technology Park, Pune-411007, Maharashtra.	42 months	Rs. 60,41,000/-
9.	TMD/CERI/BEE/2016 /071	Smart Performance Roadmap for Airport Terminal Buildings in India	Dr. N.Sarat Chandra Babu Centre for Development of Advanced Computing Bangalore, Bangalore-560038, Karnataka. & Dr. E. Rajasekar Indian Institute of Technology Roorkee, Roorkee-247667, Uttarakhand.	42 months	Rs. 1,11,37,928/-

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10.	TMD/CERI/BEE/2016 /078	Energy performance of a domestic grid-tied Zero Energy buildings integrated with onsite renewable energy technologies	Dr. G.R.K.D. Satya Prasad Gandhi Institute of Engineering and Technology Gunupur, Gunupur-765022, Odisha.	36 months	Rs. 2877600/-
11.	TMD/CERI/BEE/2016 /081	Indoor Environmental Quality (IEQ) Monitoring and Control System Based on Wireless Sensor-Actuator Network for Smart Indoor Environments and Development of a low energy cooling system	Dr. Anil Kumar CSIR-CEERI, Pilani, Pilani-333031, Rajasthan. & Dr. Anuj Kumar CSIR-CBRI, Roorkee, Roorkee-247667, Uttarakhand.	36 months	Rs. 1,39,02,948/-
12.	TMD/CERI/BEE/2016 /082	Biomass Derived Nanostructured Cellulose Aerogel Materials for Thermal Insulation in Energy Efficient Smart Buildings	Dr. Kamalakannan Kailasam Institute of Nano Science and Technology Mohali, Mohali-160062, Punjab.	42 months	Rs. 1,79,38,332/-
13.	TMD/CERI/BEE/2016 /096	Identification and Demonstration of Cost effective Technologies to Maximize Habitat Energy self-sufficiency	Dr. Sukumar Mishra Indian Institute of Technology Delhi, Delhi-110016, & Dr. Vijay Kumar Rayabharapu B.V. Raju Institute of Technology, Medak-502313, Telangana. & Dr. E. Rajasekar Indian Institute of Technology Roorkee, Uttarakhand.	36 months	Rs. 2,55,78,400/-
14.	TMD/CERI/BEE/2016 /115	Translating Urban Spaces as strategic Energy and Water security measure	Dr. Mahua Mukherjee Indian Institute of Technology Roorkee, Roorkee-247667, Uttarakhand.	42 months	Rs. 50,92,120/-