

2016-17

S. No.	File No	Title of Project	PI Name & Institution Address	Duration	Project Cost
1.	TMD/CERI/BEE /2016/020	Comparative Appraisal of Thermal Performance of Traditional (Assam/IkraType) and Emerging Housing Typologies and Upgradation of Traditional Prototypes for Improved Thermal Behaviour in Different Sub-Climatic Zones of Northeastern India	Dr. Souvanic Roy Indian Institute of Engineering Science and Technology (IEST), Howrah-711103, West Bengal.	48 months	Rs. 65,98,200/-
2.	TMD/CERI/BEE /2016/023	Developing alkali-activated low carbon bricks using construction and demolition wastes for energy efficient walling envelopes	Prof. B.V. Venkatarama Reddy Indian Institute of Science Bangalore, Bangalore-560012, Karnataka.	42 months	Rs. 46,41,780/-
3.	TMD/CERI/BEE /2016/031	Sustainable Engineered Cellular Geopolymer Masonry for Improved Building Envelope Performance	Prof. K.V.L. Subramaniam Indian Institute of Technology Hyderabad, Hyderabad-502285, Telangana.	51 months	Rs. 65,69,200/-
4.	TMD/CERI/BEE /2016/035	Energy Efficiency and Occupant Comfort Management in the Built Environment	Dr. Seshan Srirangarajan Indian Institute of Technology Delhi, New Delhi-110016,	50 months	Rs. 2,61,39,200/-
5.	TMD/CERI/BEE /2016/038	Green Buildings and Energy Efficient Cooling System for Sustainable Buildings in India	Dr. S. Kalaiselvam Anna University, Chennai-600025, Tamil nadu.	45 months	Rs. 60,22,280/-
6.	TMD/CERI/BEE /2016/044	Design and Development of Solar Photovoltaic Powered Cold Storage System	Dr. M. Loganathan Indian Institute of Food Processing Technology, Thanjavur, Thanjavur-613005, TN & Dr. M. Jaya Bharata Reddy National Institute of Technology Tiruchirappalli, Tiruchirappalli-620015, TN	42 months	Rs. 1,05,81,560/-

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7.	TMD/CERI/BEE /2016/048	Development of a Solar based Humidifier-Dehumidifier linked with ground water	Dr. Ajay Kumar Yadav National Institute of Technology Karnataka, Mangalore-575025, Karnataka.	45 months	Rs .29,02,900/-
8.	TMD/CERI/BEE /2016/051	Smart Energy Management in Buildings	Prof. Krithivasan Ramamritham Indian Institute of Technology Bombay, Mumbai-400076, Maharashtra.	46 months	Rs. 1,15,03,250/ -
9.	TMD/CERI/BEE /2016/056	Driving Efficient Low-energy-cooling Technologies: Assessment to Tech-transfer (DELTA-T)	Prof. Rajan U. Rawal CEPT University, Ahmedabad-380009, Gujarat.	42 months	Rs. 3,17,24,000/ -
10.	TMD/CERI/BEE /2016/059	Energy Efficient Lighting with Visible Light based Communication and Power Line Communications.	Dr. Abhinav Kumar Indian Institute of Technology Hyderabad, Hyderabad-502285, Telangana. & Dr. Trilochan Panigrahi National Institute of Technology Goa, Goa-403401	48 months	Rs. 59,50,450/-
11.	TMD/CERI/BEE /2016/060	Design and Development of a Low Cost and Efficient Standalone Photovoltaic System with Three Port Converter	Dr. Susovon Samanta National Institute of Technology Rourkela, Rourkela-769008, Odisha.	39 months	Rs. 47,55,520/-
12.	TMD/CERI/BEE /2016/068	Innovative Approach to Energy Savings in New and Existing Indian Habitats: Multilayer System for Energy Efficiency using Phase Change Materials	Dr. Ghanshyam Pal Shiv Nadar University, Noida-201314, Uttar Pradesh.	52 months	Rs. 92,21,960/-
13.	TMD/CERI/BEE /2016/070	Development and performance analysis of double pane Semi-Transparent Solar Photovoltaic window/Facade system	Dr. Vishal Garg International Institute of Information Technology (IIIT) Hyderabad, Hyderabad-500032, Telangana.	42 months	Rs. 1,11,61,700/ -

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			& Dr. Sanjay Mathur Malaviya National Institute of Technology Jaipur, Jaipur-302017, Rajasthan.		
14.	TMD/CERI/BEE /2016/072	Energy Efficiency in Green Buildings using Geothermal Pile for Cooling	Dr. Tanusree Chakraborty Indian Institute of Technology Delhi, New Delhi-110016,	48 months	Rs .98,89,440/-
15.	TMD/CERI/BEE /2016/083	Test Workbench and Proof of Concept Prototype for Building Energy Efficiency Solutions	Dr. Ciji Pearl Kurian Manipal Institute of Technology, Manipal University, Manipal-576104, Karnataka.	42 months	Rs. 47,61,900/-
16.	TMD/CERI/BEE /2016/084	Characterization studies of Nano-enhanced Phase Change Material (NEPCM) in thermal storage devices for sustainable building designs in India	Dr. Dibakar Rakshit Indian Institute of Technology Delhi, New Delhi-110016,	42 months	Rs. 51,16,800/-
17.	TMD/CERI/BEE /2016/088	Energy Saving through IoT Based Building Automation System	Dr. D. Devaraj Kalasalingam University, Srivilliputhur, Srivilliputhur-626126, TN.	42 months	Rs. 20,10,360/-
18.	TMD/CERI/BEE /2016/102	Energy Efficient Buildings: Technology with Intelligence	Dr. Bijaya Ketan Panigrahi Indian Institute of Technology Delhi, New Delhi-110016,	42 months	Rs. 3,18,41,600/-
19.	TMD/CERI/BEE /2016/098	Development of Energy Saving and Energy Generating Smart Windows	Dr. Aswani Yella Indian Institute of Technology Bombay, Mumbai-400076, Maharashtra.	36 months	Rs. 52,22,800/-
20.	TMD/CERI/BEE /2016/109	Development of Novel Phase Change Material based Cold Thermal Energy Storage System for Energy Efficiency and Thermal comfort of buildings	Dr. A. Sreekumar Pondicherry University, Puducherry-605014, Pondicherry.	36 months	Rs. 29,70,000/-