

EMCD Ongoing Projects

Development of Aerogel Supercapacitor based Power Module for Application in Voter Verifiable Paper Audit Trail of EVM, C-MET, Thrissur
Establishment of CoE on E-waste management C-MET, Hyderabad
CoE in Rechargeable Battery Technology (Pre-Cell) C-MET, Pune
CoE on Additive Manufacturing: Optoelectronics Sector C-MET, Pune and CIPET, Bhubaneswar
Centre for Programmable Photonic Circuits and Systems (CPPICS) IIT, Madras`
Center of Excellence for Additive Manufacturing in Medical Device Sector AMTZ, Visakhapatnam
Additive Manufacturing based Cost Effective optical computing chips IISC, Bangalore and CMET, Pune
National Centre for Additive Manufacturing (NCAM), Govt of Telangana
Feasibility study for development of process technology to recover valuable materials from end-of life silicon solar modules CMET, Hyderabad
CoE on products based on Li-ion (Post Cell) CDAC, Noida
Early detection of pest on Tea plantation through Multispectral imaging from Unmanned Aerial Vehicle Tezpur University, Assam
CW/Modulated Thulium Fiber Laser (TFL) System for Soft tissue Vaporization/Ablation CGCRI, Kolkata
National Center for Quantum Material Technologies CMET, Pune
Development of Electrically Conductive Adhesives for the Microelectronic Packaging and Flexible Film Circuits IIT, Ropar and NIT, Warangal
Metamaterials based Compact Broadband Tunable Modulator for Terahertz Photonics IIT Guwahati
Establishment of Centre of Excellence (CoE) on Intelligent Internet of Things (IIoT) Sensors CMET, Thrissur and IIITM-K, Trivandrum
India Innovation Centre for Graphene CMET, Thrissur and DUK, Trivandrum
Development of Graphene Super capacitors using North eastern coal for power application NEIST Jorhat, Assam
Establishment of Center for Promotion of Additive Manufacturing (CPAM): Renewable Energy & Distributed Manufacturing using Customized 4D & 3D Technologies (CPAM: RE & D M) Indian Institute of Technology (IIT) Mandi
National Additive Manufacturing Centre- West Ganpat University, Gujarat

Centre for Promotion of Additive Manufacturing (CPAM) – Agri & Food

Processing CDAC Kolkata, IIM CIP Kolkata, CMTI Bangalore & CFTRI Mysore

Electronics Project Proposal and Management System (ePPMS) – an online tool for life cycle management of R&D Projects in MeitY

CDAC Noida

National Centre for Quantum Accelerator Chip using Lithium Niobate (NCQAC)” to be established at IIT Kharagpur

IIT Kharagpur and CMET, Pune

Development of digital networking for preventive & predictive environmental & climatic warning solutions - Building an entrepreneurial ecosystem for addressing environmental issues

ASIET Ernakulam Kerala, CMET Thrissur

Graphene Aurora

IGEIC, Trivandrum

Informal Sector Capacity Building Up-gradation with formation of recycling clusters under MSME scheme and Enabling Technology for Recovery of Resources from Electronic Waste thereby Promoting Resource Efficiency and Circular Economy

C-MET Hyderabad, CIPET Bhubaneswar & CSIR-NML Jamshedpur

Entrepreneurial Training Programme for Scheduled Tribe Community of Union Territory of Ladakh to Produce Solar Lanterns for Lighting Applications

University of Ladakh (UoL), Leh, Indian Union territory of Ladakh, C-MET, Thrissur, Kerala