

List of completed schemes/ projects/ Programmes

Sl. No.	Title of study	Name of University/ Institute
1.	3-D Printing Technologies- Potential for application in Indian MSMEs	V.I.T. University, Vellore
2.	Commercial Scale Food Processing Technologies pertinent to Malda Cluster- An attempt towards Rainbow Revolution, Part-I & Part-II	National Institute of Food Technology Entrepreneurship and Management (NIFTEM), Sonapat(under Ministry of Food Processing Industries, Govt. of India)
3.	Scope of developing new generation, value-added surgical instruments in Baruipur, Part-I	V.I.T. University, Vellore
4.	Integrated, Sustainable and Inclusive Development of Kinnaur District of Himachal Pradesh.	KIIT University, Bhubaneswar
5.	Commercial Scale Food Processing Technologies pertinent to Malda Cluster-An attempt towards Rainbow Revolution (Part III) specific focus on economic, marketing & humanity aspects	Techno India, Salt Lake, West Bengal
6.	Nutraceuticals - A Technology Perspective	Institute of Applied Medicine & Research (IAMR) College. Chaudhary Charan Singh University
7.	Essential Oil ((flavors and fragrances) and how to enhance export from India by Technology Infusion	Institute of Applied Medicine & Research (IAMR) College. Chaudhary Charan Singh University
8.	Conversion of potential CI foundries into DI foundries for Howrah foundry cluster (Part-I)	Veltech Technical University, Chennai
9.	Conversion of potential CI foundries into DI foundries for Howrah foundry cluster (Part-II)	National Institute of Technology (N.I.T.)-Tiruchirappalli
10.	Introduction of low cost automation for different processes in the Howrah Foundry Cluster, Part-II	National Institute of Technology (N.I.T.)-Tiruchirappalli
11.	Food Processing Technologies for Improved Shelf Life	National Institute of Food Technology Entrepreneurship & Management
12.	A Complete turnkey solution of RFID tags for tracking of Solar PV cells and modules	IAITO Infotech Pvt. Ltd., Kanpur, UP
13.	Pouchable Grade Hi-Sep battery separator with ribs and discrete dot configuration	Raman Fibre Science Pvt. Ltd., Bengaluru, Karnataka
14.	Design, Manufacturing and Commercialization of Inertial Navigation Sensors and Autopilot	Aerons System Private Ltd., Pune, Maharashtra
15.	Renewable and Energy Efficient Cooling & Heating System (HVAC & R Systems)	Mechworld Eco Pvt. Ltd., Nasik, Maharashtra
16.	Hybrid Idler for conveyer belt system	Jyoti Cero Rubber, Jamshedpur, Jharkhand
17.	Manufacture of self-grooving rubber roller for double roller cotton ginning machine	Millennium Rubber Technologies Pvt. Ltd., Thrissur, Kerala
18.	Commercialization of value added products for Agriculture, Animal Husbandry and Human application derived from sea weeds	Aquagri Processing Pvt. Ltd. Manamadurai, TN
19.	Single release liner carrying label stock on each side along with ancillary conversion processes	Hassle Free Technologies, Greater Noida, UP
20.	Table top automatic multi variant dosa making machine	Mukunda Foods Private Limited, Bengaluru, Karnataka
21.	Upgradation of ROBOPLAZMA Structural steel cutting system	M/s Plazma Technologies Pvt, Ltd, Pune, Maharashtra

22.	Recovery of precious metal from electronic waste using thermal decomposition process	M/s. Revive Electronic Waste Pvt. Ltd., Navi Mumbai, Maharashtra
23.	Commercialization of Standard Rack Mountable, SMPS based Precision Regulated High Voltage Power Supplies	M/s IONICS Power Solutions Pvt. Ltd. , Hyderabad, Telengana
24.	Production of low Lactose cattle milk	M/s Madhumita Dairy Products Pvt, Ltd, Krishnagiri, TN
25.	Development and manufacturing of Unmanned Aerial Vehicles (UAVs)	M/s. Sree Sai Aerotech Innovations Pvt. Ltd, Chennai, TN
26.	Coil Edge Protector for minimizing damage of steel roll coils while transporting on rail or roads	M/s. Jyoti Cero Rubber, Jamshedpur
27.	Extraction of advanced highly dispersible grade Silica from Rice Husk Ash for application in tyre manufacturing to reduce rolling resistance of cars to reduce fuel consumption	M/s. BrisilTechservices Pvt. Ltd. Vadodara, Gujarat
28.	Powdered Oil Based Mud Products (POLVO SERIES) for application in oil drilling in sub zero conditions and remote oil fields	M/s. Gumpro Drilling Fluids Pvt. Ltd. Mumbai, Maharashtra
29.	Waste heat recovery from industrial compressors to generate hot water in textile, dyeing, automobile, dairy industries	M/s. Promethean Energy Pvt. Ltd., Mumbai, Maharashtra
30.	Hollow fiber Poly Acrylo Nitrile (PAN) UF membranes for sewage and industrial waste water treatment	M/s. Technorbital Advanced Materials Pvt. Ltd., Kanpur, UP
31.	Design, development and manufacturing of hydraulic Directional Control valve	M/s. Shivam Hydraulics, Ahemdabad, Gujarat
32.	Portable fully Automatic Poori making machine	M/s. Mukunda Foods (P) Ltd., Bengaluru, Karnataka
33.	UF Ceramic membrane with module/filter unit for fluid (water purification, oil, waste water, dairy etc.) filtration application	M/s Need Inovation, Kolkata, West Bengal
34.	Innovative Dynamic Bed CellBRx single use bioreactor for efficient and affordable production of biologics and vaccines	M/s. OmniBRx Technologies Pvt. Ltd., Ahmedabad, Gujarat
35.	Natural Resources and Environment Security	
36.	Cyber Security for Digital Economy – A Roadmap	
37.	Technology Foresight for Securing Society and Infrastructure	
38.	Relationship between GDP Growth and Technology Causes in Select Districts of Andhra Pradesh & Telangana	
39.	Evaluation of Soil Nutrient Budgets at Field, Farm and Regional Level in Humid Tropics of Kerala and Development of a Model For Management of Soil Health	CWRDM, Kozhikode
40.	Climate Change Adaptation Approaches for Sustainable Livelihoods	IRMA, Anand
41.	Integrating hydrology, climate change and IWRM with Livelihood Issues: Development of Methodology and a DSS for Water-Scarce Bundelkhand Region	NIH, Roorkee
42.	Development and Application of GAINS-City Model for Indian Cities	NEERI, Nagpur
43.	Agro-Biodiversity and Ecosystem Management: A Study In Indian Agroclimatic Sub-Zones'	ISEC, Bangalore

44.	Study on Exploring Development of Carbon Capture Utilization and Storage (CCUS) technology	TIFAC and Ministry of Coal
45.	Techno-Economic feasibility Study on Indian Bamboo : A wood Substitute	TIFAC
46.	Traditional Food	TIFAC
47.	Dynamic Wireless Power Transfer System (DWPT) for Electric Public Transport Buses	TIFAC
48.	Utilization of Solar Photo-voltaic Energy for Charging of Electric Vehicles	TIFAC
49.	Technology Gap Analysis Study for the Printing Cluster, Mysore	M S Ramaiha University of Applied Sciences, Bangalore
50.	Technology Gap Analysis Study for the Rice Milling Cluster, Lakhisarai, Bihar	Indian Institute of Technology, Patna
51.	Technology Gap Analysis Study for the Rice Milling Machinery Cluster, Sitalpur, Raxaul, Bihar	Indian Institute of Technology, Patna
52.	Technology Gap analysis study for the a. Baktawng Wood Carpentry Cluster, Mizoram b. Bairabi Bamboo Cluster, Mizoram Seling Bamboo Cluster, Mizoram	National Institute of Technology, Mizoram
53.	Technology Gap analysis study for the Refractory Cluster – Bangabhoomi, West Bengal	Maulana Abul Kalam Azad University of Technology, Kolkata
54.	Policy on Scientific Social Responsibility (SSR)	
55.	Intern report titled “CRISPR CAS19- and its status in India by	Ms. Sakshi Singh, M.Tech. Food biotechnology, Institute of Chemical Technology , Mumbai
56.	Forecasting Penetration of Electric Two-Wheelers in India -A Bottom-Up Analysis	TIFAC and NITI Aayog
57.	Design & manufacturing of medical grade patient specific 3D surgical guides and models	M/s. Jajal Medical Services Pvt. Ltd., Vadodara (Gujarat)
58.	Bio Animal Repellent + Crop Yield Promoter (Herboliv)	M/s. Provimi Product Pvt. Ltd., Gobichettipalayam, District Erode (Tamil Nadu)