

List of completed schemes/ projects/ Programmes

Sl. No.	Title of study	Name of University/ Institute
1.	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
2.	Waste heat recovery from industrial compressors to generate hot water in textile, dyeing, automobile, dairy industries	M/s. Promethean Energy Pvt. Ltd., Mumbai, Maharashtra
3.	Hollow fiber Poly Acrylo Nitrile (PAN) UF membranes for sewage and industrial waste water treatment	M/s. Technorbital Advanced Materials Pvt. Ltd., Kanpur, UP
4.	Design, development and manufacturing of hydraulic Directional Control valve	M/s. Shivam Hydraulics, Ahemdabad, Gujarat
5.	Portable fully Automatic Poori making machine	M/s. Mukunda Foods (P) Ltd., Bengaluru, Karnataka
6.	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
7.	Innovative Dynamic Bed CellBRx single use bioreactor for efficient and affordable production of biologics and vaccines	M/s. OmniBRx Technologies Pvt. Ltd., Ahmedabad, Gujarat
8.	Natural Resources and Environment Security	TIFAC
9.	Cyber Security for Digital Economy – A Roadmap	TIFAC
10.	Technology Foresight for Securing Society and Infrastructure	TIFAC
11.	Relationship between GDP Growth and Technology Causes in Select Districts of Andhra Pradesh & Telangana	TIFAC
12.	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
13.	Climate Change Adaptation Approaches for Sustainable Livelihoods	IRMA, Anand
14.	Integrating hydrology, climate change and IWRM with Livelihood Issues: Development of Methodology and a DSS for Water-Scarce Bundelkhand Region	NIH, Roorkee
15.	'Development and Application of GAINS-City Model for Indian Cities	NEERI, Nagpur

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16.	Agro-Biodiversity and Ecosystem Management: A Study In Indian Agroclimatic Sub-Zones'	ISEC, Bangalore
17.	Study on Exploring Development of Carbon Capture Utilization and Storage (CCUS) technology	TIFAC and Ministry of Coal
18.	Techno-Economic feasibility Study on Indian Bamboo : A wood Substitute	TIFAC
19.	Traditional Food	TIFAC
20.	Dynamic Wireless Power Transfer System (DWPT) for Electric Public Transport Buses	TIFAC
21.	Utilization of Solar Photo-voltaic Energy for Charging of Electric Vehicles	TIFAC
22.	Technology Gap Analysis Study for the Printing Cluster, Mysore	M S Ramaiha University of Applied Sciences, Bangalore
23.	Technology Gap Analysis Study for the Rice Milling Cluster, Lakhisarai, Bihar	Indian Institute of Technology, Patna
24.	Technology Gap Analysis Study for the Rice Milling Machinery Cluster, Sitalpur, Raxaul, Bihar	Indian Institute of Technology, Patna
25.	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
26.	Technology Gap analysis study for the Refractory Cluster – Bangabhoomi, West Bengal	Maulana Abul Kalam Azad University of Technology, Kolkata
27.	Policy on Scientific Social Responsibility (SSR)	
28.	Intern report titled “CRISPR CAS19- and its status in India by	Ms. Sakshi Singh, M.Tech. Food biotechnology, Institute of Chemical Technology , Mumbai
29.	Forecasting Penetration of Electric Two-Wheelers in India -A Bottom-Up Analysis	TIFAC and NITI Aayog
30.	Design & manufacturing of medical grade patient specific 3D surgical guides and models	M/s. Jajal Medical Services Pvt. Ltd., Vadodara (Gujarat)
31.	Bio Animal Repellent + Crop Yield Promoter (Herboliv)	M/s. Provimi Product Pvt. Ltd., Gobichettipalayam, District Erode (Tamil Nadu)

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32.	Mapping of technologies for value-addition of seaweeds in India	TIFAC
33.	Estimation of Real Life Fuel Economy of Indian Vehicles by a Data Driven Approach	TIFAC and International Transport Forum at the OECD
34.	Study on Current Trends in Telemedicine in India	TIFAC
35.	Traditional Food	Institute of Applied Medicine & Research (IAMR) College. Chaudhary Charan Singh University
36.	Technology Foresight study on Food Processing for North Eastern region of India	TIFAC
37.	Mango Processing Technology in India	TIFAC
38.	Preparation of DPR for National Mission on Inter-disciplinary Cyber Physical Systems (NM-ICPS)	TIFAC
39.	Preparation of DPR for National Mission on Quantum technology Applications (NMQTA)	TIFAC
40.	Horizon Scanning Unit (Development of Automated Web-based Horizon Scanning Tools)	TIFAC
41.	Technology Foresight study on Food Processing for North Eastern region of India	TIFAC
42.	Vertical farming vs Horizontal farming - a comparative analysis	TIFAC
43.	Preparation of Impact assessment of TIFAC's reports initiated recently.	TIFAC
44.	Ferrous Casting Cluster of Howrah	School of Automotive Engineering, J.U., Kolkata
45.	Surgical Instruments Cluster Baruipur	School of Bio-Science and Engineering, Jadavpur University, Kolkata
46.	Food Processing Cluster Malda	Central Institute of Subtropical Horticulture, Lucknow
47.	Carpet Industries Cluster Bhadohi	Industry Institute Partnership Cell (IIP), IT-BHU, Varanasi
48.	Sports Goods Cluster Jalandhar	Dr. B.R. Ambedkar National Institute of Technology, Jalandhar, Punjab
49.	Agriculture Implements Cluster, Karnal	National Institute of Technology, Kurukshetra
50.	Scientific Instruments Cluster, Ambala	National Institute of Technology, Kurukshetra
51.	Survey on Pottery	Society for Economic & Social Study, New Delhi

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52.	Handmade Paper Industry Cluster, Sanganer	Kumarappa National Handmade Paper Institute, Jaipur
53.	Rubber Cluster at Agartala	NIT, Agartala
54.	Textile Cluster, Panipat	Technological Institute of Textile & Sciences (TITS), Bhiwani, Haryana
55.	Ready Made Garment Cluster, Tirupur (2 studies)	<ul style="list-style-type: none"> • NIFT-TEA Knitwear Fashion Institute, Tirupur • PSG College of Engineering, Coimbatore
56.	Ready Made Garment Cluster, Delhi/NCR	Technological Institute of Textile & Sciences (TITS), Bhiwani
57.	Sewing Machine Cluster, Ludhiana	NIT-Jalandhar
58.	Bicycle Cluster, Ludhiana	NIT-Jalandhar
59.	Mini Gas Cylinder Cluster, Meerut	Meerut Institute of Engg. and Technology
60.	Plastic Cluster, Mumbai	Institute of Chemical Technology Deemed to be University
61.	Plastic Cluster, Delhi / NCR	Central Institutes of Plastics Engg. & Technology, Panipat
62.	Transformers & Voltage Regulators Cluster, Meerut	Meerut Institute of Engg. and Technology
63.	Auto Components Cluster, Jamshedpur	National Institute of Technology, Jamshedpur
64.	Electronics Cluster, Mohali	C-DAC, Mohali
65.	Diesel Pumps and Engg. Cluster, Rajkot	EDC, Ahmedabad
66.	Printing Cluster, Mysor	MSRUAS, Bangalo
67.	Home Textile Manufacturing Cluster, Karur	NIFT – TEA , Tirupur
68.	General Engg. Cluster, Coimbatore	PSG College of Technology, Coimbatore
69.	Ready made Garments Cluster, Patna City	NIFT, Patna
70.	Rice Milling Machinery Cluster, Sitalpur, Raxaul	IIT - Patna
71.	Rice Milling Cluster, Lakhisarai	IIT - Patna
72.	Saree Cluster, Varanasi	IIT – BHU, Varanasi
73.	Refractory Cluster – Bangabhoomi, Asansol	GCECT, Kolkata
74.	Agricultural Implements Cluster, Bihar	IIT - Patna
75.	Baktawng Wood Carpentry Cluster, Mizoram	National Institute of Technology, Aizawl
76.	Bairabi Bamboo Cluster, Mizoram	National Institute of Technology, Aizawl
77.	Seling Bamboo Cluster, Mizoram	National Institute of Technology, Aizawl
78.	Copper & Bronze Utensils Cluster, Vaishali, Bihar	IIT-Patna

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79.	Brass and German Silver Utensils Cluster, Bettiah, Bihar	IIT-Patna
80.	Brass and Bell Metal Cluster – Mahisadel Purba, Medinipur West Bengal	IIT-Patna
81.	Brass Metal cluster, Pareb, Bihta, Bihar	IIT-Patna
82.	Textile and Garment Manufacturing Cluster, Erode, Tamil Nadu	NIFT – TEA, Tirupur
83.	Kanaihaganj Jhula Cluster, Nalanda, Bihar	IIT-Patna
84.	Surgical Dressing Manufacturers Cluster, Chatrapatti, Tamil Nadu	NIFT – TEA, Tirupur
85.	Channapatana Toys Cluster - Channapatna, Karnataka	MSRUAS, Bengaluru
86.	Arecanut Leaf Plate Manufacturing Cluster – Bishnupur, West Bengal	MAKAUT, Kolkata
87.	Apparel Manufacturing Cluster - 24 North Parganas, West Bengal	MAKAUT, Kolkata
88.	Katkhal Sitalpatti Cluster- Katkhal, Hailakandi, Assam,	NIT - Mizoram
89.	Fisheries Cluster – Manipur	NIT - Manipur
90.	Food and Spices Cluster – Churanchandpur, Manipur	NIT – Manipur
91.	Aquaculture Shrimp Hatcheries Cluster, Marakkanam, Villupuram, Tamilnadu	Sathyabama Institute of Science & Technology, Chennai
92.	Metal Sheet Fabrication and Welding Cluster, Thirumullaivoyal, Tiruvallur, Tamilnadu	Sathyabama Institute of Science & Technology, Chennai
93.	Plastic Injection Moulding Cluster, Puducherry	Sathyabama Institute of Science & Technology, Chennai