List of Research & Development Projects Approved Under NTTM							
S. No.	**Principal Investigator**	**Institute**	**Contact**	**Project Title**	**Cost (INR Cr.)**	**Duration (Years)**	**MSG**
1	Dr.T.V. Sreekumar	BTRA	9004031170 director@btraindia.com	Development of Carbon Nanotube Reinforced Acrylic Precursors for Carbon Fibre	18.076	3.5 #	1st
2	Prof Prakriti Tayaliya	IIT-B	9769742728 prakriti@iitb.ac.in	Biodegradable & bioactive nanofibrous face mask' under the research topic "Surface modification of Carbon Fiber	1.985	4 #	1st
3	Prof Prakriti Tayaliya	IIT-B	9769742728 prakriti@iitb.ac.in	Carbon based Dermal Patch for Vitiligo Therapy	3.399	4.5 #	1st
4	Dr.Ashwini K. Agrawal	IIT-D	9810585313 ashwini@textile.iitd.ac.in	High performance composite Fibres	27.52	4.5 #	1st
5	Dr Prof.B. K.Behera	IIT-D	9818808423 behera@textile.iitd.ac.in	A technology platform for design and manufacturing of advanced and multi functional 3D woven Textile Structural Composites using High performance and natural fibres	20.088	3 #	1st
6	Dr.Chandra Sekhar Sharma	IIT-H	8374461784 cssharma@che.iith.ac.in	Activated and Patterned Carbon Nanofibers based Advance Design Configuration for High Performance Lithium-Ion Batteries and Supercapacitors	0.9309	3.5 *	1st
7	Dr.Chandra Sekhar Sharma	IIT-H	8374461784 cssharma@che.iith.ac.in	Scaling up of electro- spinning process for nano- fibers	1	3.5 #	1st
8	Prof. Sameer Khandekar	IIT-K	05122597038 dord@iitk.ac.in	Engineering Fibers for Fog Harvesting and Interfacial Solar Water Purification	1.55	4 #	1st
9	Dr.K Rajkumar	IRMRA	8655095342 director@irmra.org	Development of Tyre Tread Compound using Graphene in combination with Carbon & Silica as a Reinforcing Filler for Reducing the Rolling Resistance (RR) and Improving Fuel Efficiency	1.2227	2	1st
10	Dr. PrakashVasudevan & Dr.L Amalarparamary	SITRA	9600975208 director@sitra.org.in	Design and development of facile high throughput needle less electrospinning set-up	1.8965	3 ##	1st
11	Dr. Dharitri Rath	IIT-JAM	0191-274-1141 dharitri.rath@iitjammu.ac.in	MicroRNA Diagnostic Kit using Doped Carbon Nanofibers	0.6947	2.5 *	1st
12	Dr. Bipin Kumar	IIT-D	9990240340 bipin@textile.iitd.ac.in	Knitting for Composite Preform Developments using Technical Yarns	1.2092	3.3 #	2nd
13	Prof. Mangala Joshi	IIT-D	9818927946 mangala@textile.iitd.ac.in, mangalajoshi9@gmail.com	Development of Multifunctional Graphene incorporated High Molecular Weight Polyethylene (HMWPE) or High Density Polyethylene (HDPE) fibres by an alternative melt route	0.9421	2.5	2nd
14	Dr. Bhanu Nandan	IIT-D	8800762528 nandan@textile.iitd.ac.in	Carbon Fiber-based functional electrode materials for energy storage applications	1.103	2.5	2nd
15	Prof. Vijay Narayandas Baheti	IIT-D	7507899702 baheti@iitd.ac.in	Development of EMI shielding and heat generating activated carbon fabrics from textile wastes	0.42	2	2nd
16	Dr Prof.B. K.Behera	IIT-D	9818808423 behera@textile.iitd.ac.in	Development of multifunctional structural geotextiles using Textile wastes and Hybrid fabrics	5.98	3.5 #	2nd
17	Dr. Mudrika Khandelwal	IIT-H	9966355510 mudrika@msme.iith.ac.in	Biodegradable self-sanitizing bacterial nano cellulose fabric for air and water filtration	0.584	2	2nd
18	Dr. (Prof.) Sireesh Saride,	IIT-H	91 40 2301 6302 sireesh@iith.ac.in	Laboratory And Field Investigations on PET Geo grid-Reinforced Base/Sub base Courses.	1.945	3	2nd
19	Prof. B. Umashankar,	IIT-H	9652505789 buma@ce.iith.ac.in	Use of geosynthetics in pavements over soft and expansive subgrades: A sustainable solution.	0.594	3	2nd
20	Asst. Prof. Nilanjan,	IIT-KGP	8442953215 ndaschakladar@mech.iitkgp.ac.in	Development of biocompatible glass fibre composite for healthcare applications	2.03	3 #	2nd
21	Prof Swambabu Varanasi,	IIT-KGP	9760434880 swambabu@che.iitkgp.ac.in	Synthesis of Carbon nanofibres from textile/cotton waste	0.6325	1	2nd

22	Dr. Shaikh M. Mobin,	IIT-INDORE	9713030406 xray@iiti.ac.in	Combating Pandemics through textiles: An Approach to Ease Viral/ Bacterial Infections using advanced Nano Fibrous fabrics	0.955	2	2nd
23	Professor Yogesh Sharma,	IIT-Roorkee	01332284861 yogesh.sharma@ph.iitr.ac.in	Mass Production of High Performance Carbon Fibers and Nanofibric Separators by Electro-spinning Techniques for Rechargeable Batteries and Super-capacitors	1.302	2.3	2nd
24	Dr. Anil Kumar Mishra,	IIT-Guwhati	9678069513 anilmishra@iitg.ac.in	Performance evaluation of Water Hyacinth as an alternate geotextile material.	0.2115	2	2nd
25	Dr Manisha Sathe	DRDE, DRDO, Gwalior	9926640542	Next Generation lightweight, breathable Activated Carbon Fabric (ACF) & Nano web based multilayered chem.-bio facemask for protection against Toxic Chem-Bio Agents	1.5	2	2nd
26	Dr. AK Saxena	ADRDE, DRDO, Agra	9440534906 director.adrde@gov.in	PTFE coated Glass/Para-aramid fabric for large Inflatable Randomes	3.5	2	2nd
27	Dr. AK Saxena	ADRDE, DRDO, Agra	9440534906 director.adrde@gov.in	Development of Parachute material using high molecular weight/ high strength polyethylene yarns	3.37	2	2nd
28	Dr. Kaushik Ghosh	Institute of Nano Science and Technology, Mohali	8427017574 kaushik@inst.ac.in	Scalable Manufacturing of MXene / Graphene / 2D material Impregnated Hollow Flexible Carbon Fibers for Energy Storage and Conversion Applications	1.19	5 #	2nd
29	Dr. Raja Shunmugam	IISER-Kolkata	9748897367 sraja@iiserkol.ac.in	Design of fibre-like crosslinked high stable polymeric material to remediation of textile generated waste management	0.7954	3	2nd
30	Dr.Pronobesh Chattopadhyay	DRL, DRDO, Assam	9435183212 8755843333 pronobesh@drl.drdo.in	Insecticide incorporated Agronets; Green Technology to minimize the insecticide burden to biosphere	0.97	2	2nd
31	Dr. T V Sreekumar	BTRA	director@btraindia.com	Development of High Performance Gel Spun UHMwPE Fibres and Tapes for Bullet Proof and Geo-Grids/Geo –Composites Applications	6.14	2.5	3rd
32	Prof. Vijay Narayandas	IIT-D	7507899702 baheti@iitd.ac.in	Development of long lasting and biodegradable electrospun/ needle punch nonwoven composite mulch using natural fibrous wastes.	1.92	3	3rd
33	Dr. Apurba Das,	IIT-D	apurba@textile.iitd.ac.in; apurbadas65@gmail.com	Thermo-acoustic Insulation Textiles for Automotive	1.77	2	3rd
34	Dr. Abhijit Majumdar,	IIT-D	majumdar@textile.iitd.ac.in	A Circular Approach for the Development of Durable Antibacterial and Moisture Management Polyester Fibres for Sports Textiles	10.34	3	3rd
35	Dr. Sireesh Saride,	IIT-H	sireesh@ce.iith.ac.in	Development and Feasibility Studies on Drainage and Reinforcement Functions of 3D Geocomposites in Pavements	2.34	3	3rd
36	Dr. Anil Agarwal,	IIT-H	anil@ce.iith.ac.in	Use of Perforated Basalt Fabric Reinforced Cementitious Matrix in Structural Strengthening Applications	0.92	3	3rd
37	Dr. Adinpunya Mitra,	IIT-KGP	adinpunya@gmail.com	Evaluation of natural fibre based agro-textile products in protected eco-friendly structures for production of high value horticultural crops	1.75	2	3rd
38	Dr. Abhijeet Joshi,	IIT-INDORE	abhijeet.joshi@iiti.ac.in	Functional textiles for tackling organophosphate insecticides, pesticides and nerve agents' toxicity	0.6	3	3rd
39	Dr. Debrupa Lahiri,	IIT-Roorkee	debrupa.lahiri@mt.iitr.ac.in	Carbon nanotube reinforced polyethylene fiber and fabric for high strength application	0.41	2	3rd
40	Dr. Ranjan Jha,	IIT-Bhubaneswar	rjha@iitbbs.ac.in	Fiber reinforced cotton and polyester photonics fabrics with thermal comfort and illumination functionality	0.72	3	3rd

41	Dr. Amit Jaiswal,	IIT-Mandi	j.amit@iitmandi.ac.in	Development of 2D nanomaterial-based photo thermally active antimicrobial nanocoated Fabrics and PPE	0.32	2	3rd
42	Dr. Amar Patnaik,	MNIT-Jaipur	apatnaik.mech@mnit.ac.in	Development of E-glass/Carbon textile reinforced hybrid polymer composites for wind turbine Blade application	0.41	3	3rd
43	Dr. Amar Patnaik,	MNIT-Jaipur	apatnaik.mech@mnit.ac.in	Development of Ceramic and UHMWPE Textile Based Hybrid Polymer Composite Armor	3.63	3	3rd
44	Dr. M.S.Parmar,	NITRA	drmsparmar@nitratextile.org	Development of Specialized Firefighting Suit	8.9	3	3rd
45	Dr. Arindam Basu,	NITRA	drabasu@nitratextile.org	Development of flame-retardant Nylon 66 yarn/fibre indigenously	2.6	3	3rd
46	Dr. Madappa VR Sivasubramanian,	NIT-Puducherry	madappa@nitpy.ac.in	Polyethylene Engineered Cementitious Composites (PE-ECC) for High Resilient Infrastructure	0.71	3	3rd
47	Dr. Arunangshu Mukhopadhyay,	NIT-Jalandhar	arunangshu@nitj.ac.in	Development and manufacture of Ultra High Molecular Weight Polyethylene (UHMWPE) nano-fabrics and its composite for reusable respiratory masks	0.55	1.5	3rd
48	Dr. Manisha Mathur,	SASMIRA	mmti@sasmira.org.	Development of High Strength Cost effective Seamless Technical Circular Fabric from Heavy Denier Multifilament Yarns for Geotechnical Applications	7.02	3	3rd
49	Chandra Shekhar Malvi	MITS-Gwalior	csmalvi@mitsgwalior.in	Development of Multi-layered Firefighter's suit for Protection against Thermal Hazards and Pressurized Steam	0.88	2	3rd
50	Dr. V. Gayathri	Thiagarajar College of Engineering, Madurai	principal@tce.edu	Development of smart cloth using carbon nano tube reinforced nano composites	0.83	2	3rd
51	Dr. A.K. Srivastava,	CSIR-AMPRI-Bhopal	director@ampri.res.in	Development Of Carbon Nanofiber Materials From Cow Dung/ Bio-sludges For Smart Fabric Textile And Selective CO2/H2 Energy Storage Applications By 3D Printing Technology.	0.77	3	3rd
52	Dr. Susanta Kumar De	Bidhan Chandra Krishi Viswa Vidyalaya, West Bengal	susantade_kalyani@yahoo.co.in	Use of Jute Agro Textiles as prospective mulching material to test the suitability of mango based intercropping systems towards increasing crop productivity and promotion of livelihood security for the backward farming community Red and Lateritic Zones of West Bengal	2.42	3	3rd
53	Dr. Sapna Gautam	C S K Himachal Pradesh Agricultural University, Palampur	gautams88@yahoo.com	Sustainable use of unconventional fibres of Indian Himalayas for Agro textiles	3.15	3	3rd
54	Dr. Prasanta Kumar Panda,	BTRA	nanolab@btraindia.com	Development of alkaline resistance polyester for the geosynthetic applications	3.22	3	4th
55	Dr. Asim Tewari	IIT-B	asim.tewari@iitb.ac.in	Hydrogen pressure vessel manufacturing using Textile based Composites – TeCoPV India	24.34	3	4th
56	Dr Harun Venkatesan##	IIT-D	rsr@textile.iitd.ac.in	Mission for Developing Aerogels Based Textile Materials for Civilian, Industrial and Defense Applications.	5.46	2	4th
57	Prof. Vijay Narayandas Baheti,	IIT-D	7507899702 baheti@iitd.ac.in	Development of metallized textiles for applications in personal protective equipment.	0.5	1	4th
58	Dr. Manjesh Kumar,	IIT-K	ishans@iitk.ac.in	Development of UHMWPE Fibers and Disentangled Melt for impact mitigation	0.65	1	4th
59	Dr. Prakash Vasudevan,	SITRA	director@sitra.org.in	Development of natural herbal extract coated seed protection bag using natural fiber with long lasting mechanical and insecticidal properties	0.5	1	4th

60	Dr. Chandra Sekhar Tiwary,	IIT-KGP	chandra.tiwary@metal.iitkgp.ac.in	Development of Strong and multifunctional (fire Resistant/Anti-Bacterial/Hydrophobic) fabric Using Graphene (Activated Carbon from agricultural Waste) and White-Graphene (hBN) Composite with research to product goals	1.69	3	4th
61	Dr. Amit Shaw,	IIT-KGP	abshaw@civil.iitkgp.ac.in	Ramie fibre in defence applications: Development of low-cost protective units	0.13	1	4th
62	Dr. Sarang Gumfekar,	IIT-Ropar	director@iitrpr.ac.in	Development of Indigenous Encapsulated Phase Change Material (PCM)-based Active Wear Textiles and Demonstration of Commercial-scale Manufacturing	19.61	2	4th
63	Prof. G. Madhavi Latha,	IISc-Bengaluru	madhavi@iisc.ac.in	Design of Reinforced Earth (RE) Retaining wall & RE Abutments for HSR and Railway applications	0.5	1	4th
64	Dr. K. Muthukkumaran,	NIT-Trichy	kmk@nitt.edu, drkmknitt@gmail.com	Municipal Solid Waste (Soil Like Material) and Geotextile Interaction Study for Pavement Subgrade and Embankment Applications in Soft Ground	0.3	1	4th
65	Dr. M.S.Parmar,	NITRA	drmsparmar@nitratextile.org	Cellulose-based indigenous high Clo value and low-density surface modified natural fibre for developing thermal layers of extreme cold climate clothing	1.56	3	4th
66	Dr. Arindam Basu,	NITRA	drabasu@nitratextile.org	Development of 3D High Performance Knitted Sports Textiles with Thermo-Physiological Comfort and Impact Protective Properties	1	1.5	4th
67	Dr. Arindam Basu,	NITRA	drabasu@nitratextile.org	Development of Crop cover, mulch, soil protection fabrics and other products using Sun hemp and Banana Fibre	1	1.5	4th
68	Dr. V. Senthilkumar,	NIT-Puducherry	senthilkumar.v@nitpy.ac.in	Design, Development and Performance Assessment of Coir Geotextile Barriers for Landslide Mitigation	0.29	1	4th
69	Ravi Prakash Singh,	SASMIRA	ed@sasmira.org	Development of Energy Responsive Agrotextile for low cost opportunities to grow off-season vegetable/fruits	0.5	1	4th
70	Dr. KK Misra,	WRA	wra@wraindia.com	Development of eco-friendly natural fibres based sustainable agro-textiles for packaging of agro products with protection against rodents, microorganisms including bacteria, fungi and viruses and UV repellent properties	1.79	2	4th
71	Dr Laxmikanta Nayak,	ICAR-Kolkata	laxmikant8495@rediffmail.com	Development of jute bags for protection and quality preservation of stored seeds	0.5	1	4th
72	Dr Nilimesh Mridha,	ICAR-Kolkata	nilimesh.mridha@icar.gov.in	Natural fibre waste to planting growth media: development characterization and evaluation in soilless crop production system	0.49	1	4th
73	Dr. Sanjeev Kumar	Punjab Engineering College	sanjeev@pec.edu.in	Lead free ferroelectric-PVDF electrospun fibre composites for energy harvesting textile applications	0.17	1	4th
74	Dr. Apurba Das,	IIT-D	apurba@textile.iitd.ac.in; apurbadas65@gmail.com	Cut, Slash, Stab, and Impact-Cut Resistant Textiles for Protection	4.11	3.5	5th
75	Dr Asha Syamakumari,	CSIR-NCL	sk.asha@ncl.res.in 9420482376	Development of spinnable grade meta and para-aramid polymers and their fibre spinning	8.99	3	5th
76	Dr Shital S Palaskar,	BTRA	pmebtra@btraindia.com 7447494667	Plasma assisted waterless dyeing of high-performance textiles using supercritical fluid for application in technical textiles	11.73	3	5th

77	Dr. Santosh K. Misra,	IIT-K	skmisra@iitk.ac.in 8217227498	Preparation and Production of Technical Textile “ElecTex” with Electro-responsive Properties for Improved Wound Healing Properties	0.54	2	5th
78	Dr. Rik Rani Koner,	IIT-Mandi	rik@iitmandi.ac.in 9816978554	Multi-Metal and Hetero atom Decorated Lignin Derived Carbon Fibers as Energy Storage Materials	0.8	2	5th
79	Dr. Ethayaraja Mani,	IIT-M	ethaya@iitm.ac.in 9655498769	3D Printed protein-based textile fibers	1	1.5	5th
80	Dr. Soumyadip Choudhury	IIT-KGP	soumyadip.choudhury@rtc.iitkgp.ac.in 8420489453	Binder Free, Self-Supported Hierarchical Porous carbon Fiber For Inversely Vulcanized Li-S Battery Electrodes	0.55	1.5	5th
81	Dr.Supriya Pal,	NIT-Durgapur	supriya.pal@ce.nitdgp.ac.in 9434788154	Development of nanocomposite jute-geotextile for high-speed railway embankment system to enhance the durability and its remotely health monitoring using Internet of Things (IoT)	1	1.5	5th
82	Dr. Prasanta K Panda,	BTRA	nanolab@btraindia.com 8850274854	Preparation of Lyocell CNT Composite High Strength Carbon Fibers	1	1 yr 4 months	5th
83	Dr. Somenath Ganguly,	IIT-KGP	deansr@hijli.iitkgp.ac.in 03222 282037	Electrodes for charge storage by (i) electrochemical deposition of transition metal oxide on carbon cloth and (ii) electrospun fiber from lignin based sources with subsequent carbonization	0.47	1	5th
84	Dr Kasilingam Rajkumar,	IRMRA	rk@irmra.org 8655095342	Development of electro-spun carbon fibers using Bio-waste for energy storage application	0.5	1	5th
85	Dr Pratik Kumar ##	IIT-JAM	vijayan.pallippattu@iitjammu.ac.in 9324625833	Poly 3-Hydroxybutyrate (PHB)-based bioplastics (polymer textile): An alternative eco-friendly solution to commercial plastics for packaging industry	0.39	1	5th
86	Dr. Rupesh S. Devan,	IIT-Indore	rupesh@iiti.ac.in 8308208880	Textile electrodes coated with agri/bio-wastederived activated carbon for high-performance, eco-friendly, flexible all-solidstate supercapacitors	0.5	1	5th
87	Dr. R. Velmurugan,	IIT-M	ramanv@iitm.ac.in 9791109144	Studies on the Ballistic Energy Absorption of Polyethylene Coated Aramid Fabrics	0.27	1	5th
88	Dr. Hemlata Kapil Bagla,	Kishinchand Chellaram College	hemlata.bagla@kccollege.edu.in 9821420698	Self-healing cement based on electro spun polymer composite nanofibers	0.5	1.5	5th
89	Dr. Sanjay Rangnat Dhakate	CSIR-NPL	dhakate@nplindia.org 01145609388 (M: 8375964184)	Coal tar pitch-based fibers and its conversion into carbon fibers	2.4279872	2	6th
90	Dr. Mallika Datta	GCET&T , Serampore	dattamallika8@gmail.com 9163058150	Development of natural fibre-based hybrid composite for acoustic insulation	0.9691	3	6th
91	Dr. Trishikhi Raychoudhury,	IIT -Jodhpur	trishikhi@iitj.ac.in 91-7759076650	Performance evaluation of selected geotextile-based liner material against seepage loss in water conservation system under a wide range of temperature	1.49	1.5	6th
92	Dr. Bipin Kumar,	IIT-D	9990240340 bipin@textile.iitd.ac.in	Sustainable process optimization for high- performance fibrous waste management and valorization	8.8795776	3	6th
93	Dr. Arun Kumar Patra,	UPTTI-Kanpur	arunkpatra1@gmail.com 9992397043	Functionalized Textiles for Germicidal applications	0.987704	1.5	6th
94	Dr. Ashutosh Sharma,	IIT-K	ashutos@iitk.ac.in 9935397366	Development of indigenous High-Performance Ultra High Molecular Weight Polyethylene (UHMWPE) fibres/shields for bullet proof applications in defence and civil domains	3.3294	2	6th

95	Dr. R Gnanamoorthy,	IIT-M	gmoorthy@iitm.ac.in +91 9935397366	Additive Manufacturing of Technical Textiles for Sustainable Mobility- Agro Waste Based Materials and Product Design	0.99946	2	6th
96	Dr Premnath Ram Surwase,	SASMIRA	project@sasmira.org 9600087590	Development of special 3D engineered fabric impregnated with graphene and speciality chemicals	0.8844	1	6th
97	Dr Anand Kishore Kola,	NIT-Warangal	kola@nitw.ac.in 0870-2462623, (Mob): 91-9966541095	Fabrication of multifunctional polypropylene doped graphene oxide incorporated polyaniline nanofiber for antistatic, anticorrosion and antimicrobial applications	0.369454	1.5	6th
98	Dr. J Ramkumar ,	IIT-K	jrkumar@iitk.ac.in 0512-259-7546	Development of Prototype Melt-Spinning Machine for manufacturing Tri- lobal Cross-section Bi-Component Fibers	0.993168	2	6th
99	Dr. Sahil Bansal,	IIT-D	sahil@civil.iitd.ac.in 8968054656	Development of High-Performance Fiber- Reinforced Concrete for Building Applications	0.996	1.5	6th
100	Ms. Komal Kukreja,	BTRA	komaltalreja30@gmail.com 9794945733	paration of cellulose-based aerogels and its composite for thermal insulation application	0.5	1.5	6th
101	Dr. Archana Samanta,	IIT-D	archana@iitd.ac.in 7011967800	Development of optically responsive melt spun bi-component filaments from recycled polyesters for thermo-regulatory smart textiles	0.5	1	6th
102	Dr. Shushil Kumar	IIT-Roorkee	Shushil@ch.iitr.ac.in 01332-284944	Conversion of coal tar pitch and natural fibre (lignocellulosic biomass) to carbon fibre	0.5	15 Months	6th
103	Dr. Md. Vaseem Chavhan,	NIFT-Telangana	vaseem.chavhan@nift.ac.in 9885520876	Development of biobased phase change material (PCM) microencapsulate thermoregulating finish for active wear application	0.4993	1	6th
104	Dr. Kothandaraman R,	IIT-M	rkraman@iitm.ac.in 044-22574249/ 9444231700	Boron-doped diamond coated corrosion-resistant carbon materials for electro-organic synthesis, energy, and clean water applications	6.999	3	6th
105	Dr. Lekhaz Devulapalli, BTRA	BTRA	soillab@btraindia.com / lekhaz.devulapalli@gmail.com 9959107673	The Development of treated Geosynthetic reinforced Asphalt Pavements	6.5376	3	6th
106	Prof. Sandeep Verma,	IIT-K	sverma@iitk.ac.in 9935081810	3D Printed Technical Textiles for Defence Exosuits: Custom Fabrics for Physiological Monitoring and Decontamination Applications	7.13472	3	6th
107	Dr. Debayan Bhattacharya	IIT-D	debayanb@civil.iitd.ac.in; debayan20@gmai.com +91 11 26548547; +91 9687957134	Performance based design of geosynthetic reinforced soil (GRS) walls and bridge abutments for high- speed railway (HSR) subjected to seismic loading	14.8924	3	6th
108	Dr. G. Krishna Prasad,	ICAR-CIRCOT	Krishna.G@icar.gov.in 7666642100	Development of High-Performance Woven Protective Gloves and Seamless Knitted gloves for Industrial Uses	1.21	2	6th
109	Miss. Shreyasi Nandy	BTRA	techstaffofficer@btraindia.com 9831675072	Development of Flame Retardant Aircraft Interior Fabrics By Plasma Assisted Chemical Treatment	11.2824	3	7th

110	Mrs. Deepali Plawat	ATIRA	deepali_dydirector@atira.in 8076915085	Development of the Indigenous HEPA Filters using Nanofibre Technology	8.973	2	7th
111	Dr. Bijay Prakash Tripathi	IIT-D	bptripathi@mse.iitd.ac.in 8178263966	Development of thermoregulating smart textiles with encapsulated nano/micro sized phase change materials for sportswear application	5.4445	3	7th
112	Dr. Rajiv K. Srivastava	IIT-D	rajiv@iitd.ac.in 9871851968	Valorization of textile waste to value-added, reverseprocessable porous scaffolds for selective sorption and separation	2.5510584	3	7th
113	Dr. Sumit Sinha Ray	IIT-D	ssinharay@textile.iitd.ac.in 9748159620	Indigenous development of meltblowing system for fabrication of waste plastic bottle derived nonwoven	3.37902	3	7th
114	Dr R. T. Durai Prabhakaran	IIT-JAM	durai.prabhakaran@iitjammu.ac.in 7051102533	Low-cost Prosthetics Design and Fabrication using Advanced Textile and Composites Technology	2.8782192	3	7th
115	Dr. Vinay Midha	NIT-Jalandhar	midhav@nitj.ac.in 9815948608	Runoff Erosion Control using Jute and Coir Biaxial Stitch Bonded Nonwoven Geotextiles	2.1578	2	7th
116	Dr. Mukesh Bajya	NIT-Jalandhar	bajyam@nitj.ac.in 7014943972	Development of cost effective ballistic and stab resistance soft body armour by using different high-performance materials	1.884568	2	7th
117	Dr. Palaniswamy N.K	NIT-Jalandhar	nkpalaniswamy@nitj.ac.in 9942373108	Solution Blow Spinning (SBS) of micro/nanofibre fabrics for air filtration: A potential and scalable technique alternative to Electrospinning	1.785	3	7th
118	Dr. Zunjarrao Bapuso Kamble	NIT-Jalandhar	kamblezb@nitj.ac.in 9340327716	Design And Manufacturing Of Advanced And Multifunctional Textile Structural Composite Materials Using Textile Waste	1.0598632	1	7th
119	Dr. Bratin Ghosh	IIT-KGP	bghosh@ece.iitkgp.ac.in 9831064495	Design of efficient wearable textile antennas	0.7183488	2	7th
120	Dr. Sutapa Ghosh	CSIR IICT Hyderabad	sghosh@iict.res.in 8309584340	Fabrication of Polymer Waste derived Carbon Nanofiber and Composite based Biodegradable Electrospun Membranes for Water purification and beyond	0.593	3	7th
121	Dr.T.Palanisamy	NIT-Karnataka	tpalanisamycivil@nitk.edu.in 9994862226	Pre-oriented carbon fibre grid for Pozzolan based Low energy power source	0.32516	3	7th
122	Dr. Anshul Faye	IIT-Bhilai	afaye@iitbbhilai.ac.in 9589272087	Application of Bamboo fibre-reinforced composite components for sports goods	0.21288	2	7th
123	Dr. Chinnaiah Sivakumar	CSIR-CECRI	ccsivakumar@cecri.res.in 9443289771	Fabrication of flexible conductive fibres/fabric for wearable electronic textiles	1	1.5	7th
124	Prof. Soumitra Satapathi	IIT-Roorkee	soumitra.satapathi@ph.iitr.ac.in 8126916483	Development of Perovskite Solar Cells Based Smart E-Textiles	1	1.5	7th
125	Dr. Mrinal Kanti Mandal	NIT-Durgapur	mkmandal.che@nitdgp.ac.in 9434788188	Development of an IoT Based Organic-Inorganic Contaminants Removal System (CRS) for Purifying Domestic Wastewater through Constructed Wetland using Durable, Nano-Composite Jute-Geotextile Sandwiched LECA Cartridges	0.9996444	1.5	7th
126	Prof. S. Ramakrishnan	IIT-M	sramki@iitm.ac.in 9841093383	Design and development of fabric antibody embedded matrix for tuberculosis screening	0.5	1	7th
127*	Dr. Hemant Kumar Shukla	NAL (CSIR)	hemant@nal.res.in	Development of intermediate modulus grade carbon fibre.	77.9036 **	3	8th
128	Dr. T Gangopadhyay	ATIRA	tg@atira.in 9662018410	Design and development of CFRP composites slotted waveguide antenna for space and ground applications	10.2954327	1.5	8th
129	Dr. Dipayan Das	IIT Delhi	dipayan@textile.iitd.ac.in 9718448992	Electroconductive Fabric for Health and Safety	3.361248	3	8th
130	Shri Ravindra V. Adivarekar	Institute of Chemical Technology (ICT), Mumbai	rv.adivarekar@ictmumbai.edu.in 9821227276	Development of material for Flame Retarding Textile applications	2.72261	3	8th

131	Dr. Mallika Datta,	Government College of Engineering and Textile Technology, Serampore	dattamallika8@gmail.com 9163058150	Development of glass filament wound type-4 pressure vessels.	0.78	1	8th
132	Dr. Pandiaraj Manickam	CSIR-CECRI	**mpraj88@gmail.com; pandiaraj@cecri.res.in**	Conductive yarns embroidered e-textile wearable systems for health and sports application.	0.55548	3	8th
133	Dr. Murugan Veerapandian	CSIR-CECRI	vmurugan@cecri.res.	Development of Seaweed-derived Cellulose and Phytochemicals as Cost-efficient Additive Composite for Medical-grade Textiles	0.5148264	3	8th
134	Dr. Prithviraj Mukhopadhyay	IIT Delhi	prithviraj.m@mech.iitd	Development of Spunlace Natural Fibre based Fabrics for Technical Textile Applications.	0.9999996	2.5	8th
135	Prof Arunangshu Mukhopadhyay	Dr. B R Ambedkar National Institute of Technology, Jalandhar	arunangshu@nitj.ac.in 9463283698	Development of Nonwoven Composite with Metal-Organic Frameworks (MOFs) for Efficient Automotive Cabin Air Filtration	1	2.5	8th

*** As per Adminstrative Committee.**

 # As per EPC.

As per 7th MSG.

****The Total amount is exclusive of GST @ 18% or extra as applicable and charges for make shift facility will be funded additionally as per actual, based on documentary evidence.**

Machinery Proposal sanctioned under NTTM

S. No.	Principal Investigator	Institute	Contact	Project Title	Cost (INR Cr.)	Duration (Years)	MSG
1	Mr. Madhu Sudan Dadu	Colorjet India Ltd	msdadu@colorjetgroup	Development of a Wide-Format Digital Printer to Print the Build-Tech Applications	4.0549	1	8th
2	Dr. M S Parmar	NITRA, Ghaziabad	drmsparmar@nitratextile.org 9810253731	Development of Indigenous State-of-the-art Instruments to test Convective, Radiant and Conductive properties of Protective Textiles	1.54976	2	8th