

S. No.	UID NO.	Title of the Technology	TRL	Sector	PATENT	Patent status	Sessions
1	T55	Biosensors Equipped Lung Cancer-Detecting Device	TRL8	Medical Devices	Yes	Patent Granted and Maintained	H1 S1
2	T33	lot Based Motion And Grip Sensing Glove	TRL7	Medical Devices	Yes	Patent Granted and Maintained	H1 S1
3	T40	A Kit And Process For Diagnosis Of Haemorrhagic Septicaemia	TRL7	Medical Devices	Yes	Patent Granted and Maintained	H1 S1
4	T42	Primers And Probes Combination For Simultaneous Detection Of Bovine Herpesvirus 1 (Bohv1) , Brucella Abortusand	TRL7	Medical Devices	Yes	Patent Granted and Maintained	H1 S1
5	T93	A Suture Force Measurement System For Surgical Procedures	TRL5	Medical Devices	Yes	Patent Granted and Maintained	H1 S1
6	T43	Multiplexed Luminex Magpix Assays For Concurrent Detection Of Bluetongue Virus, Bovine Corona Virus And Rota Virus	TRL4	Medical Devices	Yes	Application Published	H1 S1
7	T44	Magpix Assays For Simultaneous Detection And Differentiation Of Different Serotypes And Topotypes Of Bluetongue Virus In India	TRL4	Medical Devices	Yes	Application Published	H1 S1
8	T64	Technique For Measurement Of Dynamic Changes In Optical Properties For Photothermal Theranostics	TRL4	Medical Devices	Yes	Application Published	H1 S1
9	T63	Plasmonic Photothermal Sterilization Technique	TRL4	Medical Devices	Yes	Application Filed	H1 S1
10	T69	Autoclavable Multipurpose Steel Chamber	TRL4	Medical Devices	Yes	Patent Granted and Maintained	H1 S1
11	T99	Multi-Rooted Dental Implant For Veterinary Patients	TRL4	Medical Devices	Yes	Patent Examination Report awaiting	H1 S1
12	T101	Synthetic Bone Graft Materials, Bone Cement, Bone Void Fillers Used In Bone Defect Healing And Artificial Implants	TRL4	Medical Devices	Yes	Patent Granted and Maintained	H1 S1
13	T32	Maxillo/Craniofacial Bone Reconstruction Techniques Using Digital Technologies	TRL9	Medical Devices	No		H1 S1
14	T104	3D-Printed Wearable Prosthetic Sensors	TRL4	Medical Devices	No		H1 S1
15	T110	Novel Polymeric Nanomicellar Dispersion Of Actives And Uses	TRL4	Medical Devices	No		H1 S1
16	T82	Affordable, Compact And Infection-Free Bipap Machine	TRL3	Medical Devices	No		H1 S1
17	T71	Indigenously Developed Flexible Heat Patches For High Altitudinal Applications	TRL2	Medical Devices	No		H1 S1
18	T79	Sehat Sathi: A Smart And Automated Medication Dispenser	TRL2	Medical Devices	No		H1 S1
19	T22	Serum Micrnas As Biomarkers For Endometrioid Cancer Of Uterus And Ovary Vs Endometriosis	TRL1	Medical Devices	No		H1 S1
20	T06	A Composition For Detecting Fingerprints At Multifarious Crime Scenes	TRL4	Chemicals	Yes	Patent Granted and Maintained	H1 S2
21	T58	Magnetic Secondary Nanostructure As Contrast Agent For Magnetic Resonance Imaging	TRL4	Chemicals	Yes	Patent Examination Report awaiting	H1 S2
22	T39	A Process Of Testing Urea In Milk	TRL9	Food Processing	Yes	Patent Licensed / Commercialized	H1 S2

23	T04	Biomanufacturing Of High-Value Functional Sugars, D-Allulose And Trehalose	TRL3	Food Processing	Yes	Application Filed	H1 S2
24	T65	A Novel Trehalose Synthase For The Production Of High Valu Sugar Molecule Trehalose And Trehaluose	TRL3	Food Processing	Yes		H1 S2
25	T29	Edible Films For Fruits Preservation And Shelf Life Enhancement	TRL3	Food Processing	Yes	Patent Examination Report awaiting	H1 S2
26	T34	Calcium Fortified Ghee	TRL3	Food Processing	Yes	Patent Granted and Maintained	H1 S2
27	T85	Instant Seasoning	TRL3	Food Processing	Yes	Patent Granted and Maintained	H1 S2
28	T17	A Biopolymer Composite Functionalized With Sorghum Bran And Ionic Liquid For Active Packaging Of Chicken Meat	TRL4	Food Processing	No		H1 S2
29	T115	Real Time Detection Of Bacteria In Food Sample	TRL4	Food Processing	No		H1 S2
30	T127	Fruit Byproduct Based Active Biodegradable Packaging Material	TRL4	Food Processing	No		H1 S2
31	T90	An Imaging Device For Monitoring Bacterial Growth, Antibiotic Screening And Susceptibility Test.	TRL7	Pharmaceuticals	Yes	Patent Granted and Maintained	H2 S1
32	T09	Enhancing Therapeutic Efficacy Of Chemotherapy Drugs In Liver Cancer Using Lburginaze Tm	TRL4	Pharmaceuticals	Yes	Application Filed	H2 S1
33	T10	Lbupon Tm As A Prophylactic Against Organophosphate Nerve Agent Poisoning	TRL4	Pharmaceuticals	Yes	Application Filed	H2 S1
34	T11	Apoefrag Tm For Stroke Treatment.	TRL4	Pharmaceuticals	Yes	Patent Granted and Maintained	H2 S1
35	T13	Anti-Oxidant Eye Drops/In-Situ Gel For Prevention And Treatment Of Dry Eyes And Cataract.	TRL4	Pharmaceuticals	Yes	Patent Examination Report awaiting	H2 S1
36	T16	Antipsoriatic Formulation Of Nigella Sativa For Topical Delivery	TRL4	Pharmaceuticals	Yes	Patent Examination Report awaiting	H2 S1
37	T24	Inhalable Formulation Of Ivermectin And Theophylline To Treat Acute Lung Injury	TRL4	Pharmaceuticals	Yes	Patent Granted and Maintained	H2 S1
38	T62	Dissolvable Wound Healing Patches For Diabetic Foot Ulcer	TRL4	Pharmaceuticals	Yes	Patent Examination Report awaiting	H2 S1
39	T102	Call For Expression Of Interest (Eoi) For Curpros: Wound Sponge Dressing With Antibiofilm Activity	TRL4	Pharmaceuticals	Yes		H2 S1
40	T105	Autoclavable Nanovesicular (Nv) & Nanoelastic Vesicular Systems (Nev)	TRL4	Pharmaceuticals	Yes	Patent Granted and Maintained	H2 S1
41	T113	Ph Triggered Synbiotic Hydrogel Beads For Oral Therapy Of Iron Deficiency Anemia	TRL4	Pharmaceuticals	Yes	Patent Examination Report awaiting	H2 S1
42	T117	Nanosized Topical Gel Formultion Of Celecoxib For The Treatment Of Arthritis	TRL4	Pharmaceuticals	Yes	Application Published	H2 S1
43	T119	Sporotan - A Spore Selective Fluorescent Dye For Identification Of Cryptic Bacterial Spores	TRL4	Pharmaceuticals	Yes	Patent Examination Report awaiting	H2 S1

44	T25	Free Flowable Hydrogel Particles Containing Agnps For The Treatment Of Exudating Infected Wounds	TRL5	Pharmaceuticals	No		H2 S1
45	T118	Polyherbal Formulation For The Control Of Superficial Fungal Infection On Skin, Nails And Hairs In Humans	TRL4	Pharmaceuticals	No		H2 S1
46	T129	Ginger Derived Exosomes For Amelioration Of Type2 Diabetes	TRL4	Pharmaceuticals	No		H2 S1
47	T12	Bispek dab Tm (Bispecific Anti-Tnf- $\alpha$ /IL-23 Ab): A Novel Approach For Inflammatory Bowel Disease (Ibd) Treatment.	TRL3	Pharmaceuticals	No		H2 S1
48	T100	Economical Herbal Ointment For Fast Wound Healing	TRL3	Pharmaceuticals	No		H2 S1
49	T 135	Improved Escape Worthiness Of Car Occupants Under Drowning Environment	TRL5	Automobile	Yes	Patent Granted and Maintained	H2 S2
50	T59	Liquid Immersion Cooling System For Battery Packs Of High-Performance Light Electric Vehicles.	TRL4	Automobile	Yes	Patent Granted and Maintained	H2 S2
51	T92	Driver Assistance System In Challenging Environment	TRL4	Automobile	Yes	Application Published	H2 S2
52	T124	Improve Passive Safety Automotive Structures	TRL3	Automobile	Yes	Patent Examination Report awaiting	H2 S2
53	T67	E-Bike	TRL4	Automobile	No		H2 S2
54	T123	Automobile Tire Burst Safety And Stability Control Method	TRL3	Automobile	No		H2 S2
55	T98	Low – Noise Fiber Reinforced Air –Mover	TRL4	Manufacturing	Yes	Patent Granted and Maintained	H2 S2
56	T121	Automatic Spice Crushing Machine That Preserves The Flavour And Nutritional Content Of Spices	TRL4	Manufacturing	Yes	Application Filed	H2 S2
57	T128	Recycling Of Waste Plastic Bottle To High Grade Pet By Using Renewable Catalyst	TRL4	Manufacturing	Yes	Patent Granted and Maintained	H2 S2
58	T 138	An Efficient Tender Coconut De-Husking Machine	TRL4	Manufacturing	Yes	Patent Granted and Maintained	H2 S2
59	T 136	Shipping Container For Preassembled Motorcycles	TRL3	Manufacturing	Yes	Patent Granted and Maintained	H2 S2
60	T 137	Wire Based Laser 3D Printing	TRL4	Manufacturing	No		H2 S2
61	T31	Sustainable Energy Solutions To Fulfil Cop27 Commitment	TRL4	Energy	Yes	Application Filed	H3 S1
62	T57	Lwm- Solar Cooker (Lwm-Sc): Simple Low Cost Light Weight Modular Solar Cooker	TRL4	Energy	Yes	Patent Granted and Maintained	H3 S1
63	T73	A Novel Vacuum Assisted Microwave Reactor For The Production Of Biofuel From Biowaste	TRL4	Energy	Yes	Application Filed	H3 S1
64	T97	Developing Full Cell Electrolyzer For Electrochemical Ammonia	TRL4	Energy	Yes	Application Filed	H3 S1
65	T75	Designing Of Microbial Fuel Cell Coupled Constructed Wetland For The Remediation Of Dyes	TRL4	Energy	No		H3 S1
66	T18	Compact And Portable Herbal Water Purifier For Drinking Water	TRL4	Environment	Yes	Patent Examination Report awaiting	H3 S1
67	T74	Ion Exchange Membrane System For Biofuel , Acid Recovery And Water Purification	TRL4	Environment	Yes	Application Filed	H3 S1

68	T94	Biodegradable Barrier Coating Material	TRL4	Environment	Yes	Patent Granted and Maintained	H3 S1
69	T112	Chitosan Based Multifunctional Liquid Bio-Fertilizers For Agriculture Crops	TRL4	Environment	Yes	Patent Granted and Maintained	H3 S1
70	T122	A Polymeric/Electrospun Composite Membrane For Water Filtration And A Method Thereof	TRL4	Environment	Yes	Patent Granted and Maintained	H3 S1
71	T126	A Method Of Preparing Metal Oxide Based Hybrid Nanocomposite Catalyst (Mhnc) For Nitrogen Oxide Reduction	TRL4	Environment	Yes	Patent Granted and Maintained	H3 S1
72	T89	Water Purification Using Hydroxyapatite	TRL3	Environment	Yes	Patent Granted and Maintained	H3 S1
73	T91	Free Floating, Reusable, Retrievable Films For Water Treatment	TRL3	Environment	No		H3 S1
74	T111	Earthquake Resistant Interlinked Block Masonry System With Visco-Elastic Link Elements	TRL6	Materials	Yes	Patent Granted and Maintained	H3 S1
75	T51	Banana Fibre Reinforced Polypropylene Composites	TRL4	Materials	Yes	Patent Granted and Maintained	H3 S1
76	T95	A Biocomposite Material With Barrier Properties For Surface Treatment And Preparation Method Thereof	TRL4	Materials	Yes	Patent Granted and Maintained	H3 S1
77	T53	Natural Fiber Reinforced Thermoplastic Granules	TRL5	Materials	No		H3 S1
78	T68	Developing Silicon Mould For Plastic Casting	TRL3	Materials	No		H3 S1
79	T54	Tiller For Making Soil Loose And Smooth	TRL9	Agriculture	Yes	Patent Granted and Maintained	H3 S2
80	T116	Production Of Multifunctional Plant Protease Inhibitors And Utilization As Biological Control Agents Of Insect Pests (Achaea Janata And Helicoverpa Armigera)	TRL4	Agriculture	Yes	Patent Granted and Maintained	H3 S2
81	T 139	Cost Effective Production Of Bacterial Biofertilizers Using Molasses Based Medium	TRL4	Agriculture	Yes	Patent Granted and Maintained	H3 S2
82	T120	Nanoformulations As Novel Plant Growth Promoter	TRL4	Agriculture	No		H3 S2
83	T41	Switching System Operating Automatically Based On Real Time Light Intensity In All Weather Condition	TRL6	Automation	Yes	Application Filed	H3 S2
84	T26	Web-App Based Automated Mobile Robot (Wamr) To Carry Pay Load Of 1000 Kg In The Industrial Floor Space	TRL4	Automation	Yes	Request for Examination Filed	H3 S2
85	T56	Smart Phone Based Remote Controlled Device For Collection Of Oil From The Oil Spill On Land	TRL4	Automation	Yes	Patent Examination Report awaiting	H3 S2
86	T87	Automatic And Semiautomatic Dishwasher	TRL4	Automation	Yes	Patent Granted and Maintained	H3 S2
87	T130	System And Method For Object Detection And Object Tracking For Traffic Surveillance	TRL3	Automation	Yes	Patent Granted and Maintained	H3 S2
88	T08	Over Speed Car Detection (Using Arduino)	TRL4	Automation	No		H3 S2
89	T21	Fertilisense-A Smart Farming Solution	TRL2	Automation	No		H3 S2