

National Institutional Ranking Framework

Ministry of Education

Government of India

Data Submitted by Institution for India Rankings '2024'

Institute Name: Indian Institute of Technology Kanpur [IR-I-I-1075]

Sanctioned (Approved) Intake

Academic Year	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18
UG [4 Years Program(s)]	1210	1210	927	907	-	-
PG [2 Year Program(s)]	1088	1036	-	-	-	-

Total Actual Student Strength (Program(s) Offered by your Institution)

(All programs of all years)	No. of Male Students	No. of Female Students	Total Students	Within State (Including male & female)	Outside State (Including male & female)	Outside Country (Including male & female)	Economically Backward (Including male & female)	Socially Challenged (SC+ST+OBC Including male & female)	No. of students receiving full tuition fee reimbursement from the State and Central Government	No. of students receiving full tuition fee reimbursement from Institution Funds	No. of students receiving full tuition fee reimbursement from the Private Bodies	No. of students who are not receiving full tuition fee reimbursement
UG [4 Years Program(s)]	3540	870	4410	964	3446	0	410	2203	778	1743	0	92
PG [2 Year Program(s)]	1529	279	1808	468	1328	12	175	854	117	833	0	79

Start up recognized by DPIIT/startup India

Name of Venture	Year of recognition by DPIIT/startup India	DPIIT/Start up India Registration No.
Cycle Spirit Private Limited	2020-21	DIPP90085
MEND EARTH TECHNOLOGIES PRIVATE LIMITED	2020-21	DIPP78425
PRIMARY HEALTHTECH PRIVATE LIMITED	2020-21	DIPP44030
AITESTIFIED PRIVATE LIMITED	2020-21	DIPP87055
TEKORANGE ENGINEERING PRIVATE LIMITED	2020-21	DIPP87077
Unnada Pvt. Ltd.	2020-21	DIPP87797
SECURE BLINK TECH PRIVATE LIMITED	2020-21	DIPP59057
EGYANAM TECHNOLOGIES PRIVATE LIMITED	2020-21	DIPP7698
HACK-X SECURITY (P) LTD	2020-21	DIPP84897
T-SANCT TECHNOLOGIES PRIVATE LIMITED	2020-21	DIPP17497
XTEN NETWORKS INDIA PRIVATE LIMITED	2020-21	DIPP57773
CYBERWARFARE R&D PRIVATE LIMITED	2020-21	DIPP86288
Cosgrid Systems (P) Ltd	2020-21	DIPP9228
Treacle Technologies Private Limited	2020-21	DIPP86601
Asatrobo Technologies Private Limited	2020-21	DIPP27939

CDSpace Robotics Private Limited	2020-21	DIPP25181
Streewp Online Services Private Limited	2020-21	DIPP84432
Fintek LifeTrue Technologies Pvt Ltd	2020-21	DIPP106426
Intellinext Innovation Private Limited	2020-21	DIPP91106
ProPlant Foods (P) Ltd	2020-21	DIPP84216
Cultech Wave Private Limited	2020-21	DIPP55925
Bomlife Private Limited	2020-21	DIPP80865
Medgrids Solutions Private Limited	2020-21	DIPP83010
Likhotronics Tech Pvt. Ltd.	2020-21	DIPP87946
Nextin Machinery Services Private Limited	2020-21	DIPP86959
Stillswab Technologies Private Limited	2020-21	DIPP82394
SIMACTRICALS PRIVATE LIMITED	2020-21	DIPP100327
Brookshire Private Limited	2020-21	DIPP89738
Streecom Network Private Limited	2020-21	DIPP88013
Lenek Technologies Private Limited	2020-21	DIPP91167
Yantram Medtech Private Limited	2020-21	DIPP90417
Kinoko Biotech Private Limited	2020-21	DIPP104179
Rosa Technology Private Limited	2020-21	DIPP93410
Kritsnam Technologies Private Limited	2020-21	DIPP959
ALGO8 AI (P) Ltd	2020-21	DIPP66072
Pradivya Software Pvt Ltd	2020-21	DIPP63880
LCB Fertilizers	2020-21	DIPP55481
Agnys Waste Management	2020-21	DIPP38537
Oxyneuron India	2020-21	DIPP82289
Jalconserve Technologies Private Limited	2020-21	DIPP66434
Prayas Environmental Services Private Limited	2020-21	DIPP107186
ZETLON BIOTECH PRIVATE LIMITED	2020-21	DIPP77350
Filit	2021-22	DIPP116788
Geek Bots Private Limited	2021-22	DIPP43500
Listerr	2021-22	DIPP28536
Ouranos Robotics Private Limited	2021-22	DIPP93231
Astute Lex Servicado	2021-22	DIPP116975
Interview Cracker	2021-22	DIPP109598

Autolligent Technologies Private Limited	2021-22	DIPP23223
RapidAI Vision Technologies Pvt Ltd	2021-22	DIPP62129
Future Crime Research Foundation	2021-22	DIPP91070
Villa Mart Pvt. Ltd.	2021-22	DIPP11179
Healthy Pinto	2021-22	DIPP88494
ARKISION AI PRIVATE LIMITED	2021-22	DIPP74180
Constems AI Systems Pvt Ltd	2021-22	DIPP5466
Airveda Technologies Pvt. Ltd.	2021-22	DIPP13306
Inogus Technology Solutions Pvt Ltd	2021-22	DIPP6677
Durmeric Naturaceutical Private Limited	2021-22	DIPP64873
Nadipulse Prognostics Pvt Ltd	2021-22	DIPP30592
Garudaire Private Limited	2021-22	DIPP104480
Pi Hemp Private Limited	2021-22	DIPP86689
BONSAI DIGITAL SOLUTIONS PRIVATE LIMITED	2021-22	DIPP69686
Green Trek Research & Development Private Limited	2021-22	DIPP54859
Climec Labs Private Limited	2021-22	DIPP107073
Tant Mieux Technologies Pvt. Ltd.	2021-22	DIPP72994
Bitrms Technologies (OPC) Pvt. Ltd.	2021-22	DIPP85168
Transpacks Technologies Private Limited	2021-22	DIPP16347
Infinicue Solutions Private Limited	2021-22	DIPP41323
AgrowSure Products and Innovations Pvt Ltd	2021-22	DIPP104992
Phraction Scientifics Pvt. Ltd	2021-22	DIPP112351
Xfinito Biodesign Private Limited	2021-22	DIPP50150
Prayas Environmental Services Private Limited	2021-22	DIPP107186
Trential Technologies Private Limited	2021-22	DIPP128298
Dreamaerospace Technologies Private Limited	2022-23	DIPP107723
SUNMINT ENERGY PVT LTD	2022-23	DIPP112931
Esniff Devices Private Limited	2022-23	DIPP113057
Zaptics Research Private Limited	2022-23	DIPP134427
Prescience Insilico Private Limited	2022-23	DIPP79271
Medantrik Medtech Private Limited	2022-23	DIPP103763
Aethrone Aerospace Private Limited	2022-23	DIPP138087
AKAC Healthcare Private Limited	2022-23	DIPP116545

RENERGIZR INDUSTRIES PRIVATE LIMITED	2022-23	DIPP27317
Aerobos Environment Solutions Pvt (Registered with	2022-23	DIPP38849
Wormifly Agrotech Private Limited	2022-23	DIPP132115
Mild Cares Private Limited	2022-23	DIPP87355
Samak Technologies Private Limited	2022-23	DIPP131797
Ansh Tech Labs Private Limited	2022-23	DIPP137769
Voltworks Technologies Private Limited	2022-23	DIPP137167
Dentifrice Private Limited	2022-23	DIPP120020
Saptang Labs Private Limited	2022-23	DIPP81243
Ksham Innovation Private Limited	2022-23	DIPP135050
Soundlear Private Limited	2022-23	DIPP50966
Poccet Lab Private Limited	2022-23	DIPP146360
Ekarigari Systems Private Limited	2022-23	DIPP96060
Vasundhara Biofibers Private Limited	2022-23	DIPP136407
Pacing Grass Private Limited	2022-23	DIPP111542
Jivoule Biofuels	2022-23	DIPP69393
RCUBE RECYCLING PRIVATE LIMITED	2022-23	DIPP60316
Ecowrap	2022-23	DIPP70277
EcoKaari Private Limited	2022-23	DIPP75381
PadCare Labs	2022-23	DIPP28224
Celligo Natural Fibres Pvt Ltd	2022-23	DIPP81907
MuddleArt Pvt Ltd	2022-23	DIPP50830
MiniMines Cleantech Solutions Pvt. Ltd.	2022-23	DIPP85959
Aloe Ecell	2022-23	DIPP11901
UNEAKO GREEN EARTH PRIVATE LIMITED	2022-23	DIPP39192
Angirus Ind Pvt Ltd	2022-23	DIPP70495
Quality Decor Dzines Pvt Ltd	2022-23	DIPP74124
ReCircle (Swachh Sustainable Solutions Pvt Ltd)	2022-23	DIPP29184
Trashback India Private Limited	2022-23	DIPP69757
Spruce Up Industries Private Limited	2022-23	DIPP5178
Strawcture Eco Pvt. Ltd.	2022-23	DIPP27798
Arcrobotics (Driblet Pvt Ltd)	2022-23	DIPP107752
WeVOIS Labs Pvt. Ltd	2022-23	DIPP34658

Citygen Technology Private Limited	2022-23	DIPP85804
Nellikka Complete Solutions Pvt Ltd	2022-23	DIPP71438
Cute Brains Private Limited	2022-23	DIPP130803
DG Rakshak Private Limited	2022-23	DIPP133433
Brela Innovations Pvt. Ltd.	2022-23	DIPP142280
Ensoverse Private Limited	2022-23	DIPP122550
Genomiki Solutions Private Limited	2022-23	DIPP92691
Ardhan Research Labs Private Limited	2022-23	DIPP112494
Datapkt Private Limited	2022-23	DIPP68637
Simdaas Autonomy Private Limited	2022-23	DIPP134861
Biostim Innovation Private Limited	2022-23	DIPP133479
Micromation Systems Private Limited	2022-23	DIPP94078
Virya Paramita Energy Private Limited	2020-21	DIPP73895
Surobhi Agro Industries Private Limited (Farmology	2020-21	DIPP40416
Opt-cyber Security Solutions Private Limited	2020-21	DIPP68435
Disecto Technologies Private Limited	2020-21	DIPP81466
ANJANEYA AGRO MACHINE AND TOOLS PVT LTD	2020-21	DIPP90828
Earthface Annalytics	2020-21	DIPP40464
Chlorohemp Agrotech Private Limited	2020-21	DIPP48237
Offgrid Energy Labs	2020-21	DIPP19275
Stemrev referineries (P) Ltd. (SAKET KHANDELWAL)	2020-21	DIPP84300
Excite Vision and Retail Technology Private Limite	2020-21	DIPP67641
CUDDLE Education Private Limited	2020-21	DIPP86529
Neoperk Technologies Pvt Ltd	2020-21	DIPP51415
Akshiva Innovations Private Limited	2021-22	DIPP96969
Polycycling Solutions Private Limited	2021-22	DIPP89776
Endureair Systems (P) Ltd.	2021-22	DIPP45505
Green Alloy Technology Private Limited	2021-22	DIPP126631
Kodeleaf Software Private Limited	2021-22	DIPP67664
Arculus Labs Private Limited	2021-22	DIPP90774
Cyethack Solutions Private Limited	2021-22	DIPP104237
Acculi Labs Private Limited	2021-22	DIPP25556
Arishti Info Labs Private Limited	2021-22	DIPP77616

Aerosys Aviation India Private Limited	2021-22	DIPP80396
Napid Cybersec Pvt Ltd	2021-22	DIPP90404
RF Nanocomposites Private Limited	2021-22	DIPP100437
Ezercon Medtech India Private Limited	2021-22	DIPP93934
Xiotz Private Limited	2021-22	DIPP90546
Unino Healthcare Private Limited	2021-22	DIPP60489
Starwinglobals Era Private Limited (DD Documents R	2021-22	DIPP94574
Camncloud Technologies Private Limited	2021-22	DIPP32466
Forensic Cybertech Machines Private Limited	2021-22	DIPP117748
Vaticinari Technologies Private Limited	2021-22	DIPP127661
Shuk Global Private Limited	2021-22	DIPP140512
Blockstash Intelligence Private Limited	2021-22	DIPP127461
Ekjal Tech Private Limited	2021-22	DIPP121601
Agrifood Tech Private Limited	2021-22	DIPP99700
MayaMD Technologies Pvt Ltd	2021-22	DIPP102134
FreelanceTeams Private Limited	2021-22	DIPP3582
AgriVijay	2021-22	DIPP65311
Openspectrum	2021-22	DIPP85671
Thumb Pay Private Limited	2021-22	DIPP94973
Neuranics Lab Pvt Ltd	2021-22	DIPP77780
Shvaas Sustainable Solutions Private Limited	2021-22	DIPP78231
Ripple Healthcare Pvt Ltd	2021-22	DIPP91480
Intelsec Solutions Private Limited Deep Algorithms	2021-22	DIPP133801
Resonant Electronics Private Limited	2021-22	DIPP2087
Sociodent Private Limited	2021-22	DIPP82307
Joey Envirotech Private Limited	2021-22	DIPP41864
Params Data Provider Private Limited	2021-22	DIPP72559
Manastik Technologies Private Limited	2021-22	DIPP81508
Xpanso Technologies Private Limited	2021-22	DIPP32288
Zoomer Educational Software Private Limited	2021-22	DIPP93769
Techsolver Communications & Innovative Platforms P	2021-22	DIPP73764
TigOs Secure Hardware solutions Private Limited	2021-22	DIPP110187
LiWiR eSerurity solutions Private Limited	2021-22	DIPP105346

SkyAI Technologies Private Limited	2021-22	DIPP150262
Cybernexa Infotech Private Limited	2021-22	DIPP109204
Envirya Projects Priavte Limited	2021-22	DIPP40437
Threat Guardians Private Limited	2021-22	DIPP102971
PYINMA TECHNOLOGIES PRIVATE LIMITED	2021-22	DIPP104366
Space Philic Private Limited	2021-22	DIPP101122
BBBS Cyber security Private Limited	2021-22	DIPP120561
Censor Black Private Limited	2021-22	DIPP93301
Meukron Technologies Private Limited	2021-22	DIPP103716
SYNCPHASORAI PRIVATE LIMITED	2021-22	DIPP118375
Aana Crop Solutions Private Limited	2021-22	DIPP73595
Jaackle Infotech Solutions Private Limited	2021-22	DIPP109473

Startups which have got VC investment in previous 3 years

Name of startups	Amount received	Organisation Name	Year of receiving VC investment
Acquafront Infrastructure Private Limited	2500000	National Research Development Corporation (NRDC)	2020-21
Acquafront Infrastructure Private Limited	3311800	Mr. Yash Patel	2020-21
Indeema Fibers pvt ltd	10000000	Angel Investment	2020-21
Ecowrap	10000000	Social Alpha & Villgro	2020-21
Padcare Labs	30000000	Entrepreneurship Development Center	2021-22
AIRTH Research Pvt. Ltd.	15000000	Whiteboard Capital and Syrma	2021-22
Aerosys Aviation Private Limited	5000000	Angel investment	2022-23
T-Sanct Technologies Private Limited	10000000	Partners of E&Y	2022-23
Xpanso Technologies Private Limited	7000000	Angel Investment	2022-23
Rosa Technology Private Limited	10000000	Angel Investment	2022-23
Noccarc Robotics Private Limited	70000000	Indian Angel Network	2022-23
NapID Cybersec Private Limited	2500000	AIC STPINEXT INITIATIVES	2022-23
Simactricals Private Limited	7500000	Sanchi Connect ventures	2022-23
Fintek Lifetrue Technologies Pvt Ltd	10000000	Private Investor	2022-23
UNINO Healthcare Private Limited	5450000	Individual / angel investor	2022-23
Surobhi agro industries pvt Ltd	5500000	SIIC, Research Innovation Incubation Design Labs	2022-23
Ecowrap	34000000	KM Trans logistics	2022-23
EcoKaari Private Limited	1000000	Institute of Rural Management Anand	2022-23

EcoKaari Private Limited	5000000	INFED IIMN Foundation for Entrepreneurship Development Nagpur	2022-23
AIRTH Research Pvt. Ltd.	10000000	Angel Investment	2022-23
Mildcares Pvt. Ltd	4158000	Drapers Associates	2022-23
MuddleArt Pvt Ltd	6000000	Seed funding received from Social Alpha	2022-23
Arcrobotics (Driblet Pvt Ltd)	2500000	Pontaq VC (Software Technology Parks of India)	2022-23

FDI investment in previous 3 years

Name of startups	FDI investment received	Year of receiving FDI investment
Kritsnam Technologies Private Limited	7206000	2021-22
Kritsnam Technologies Private Limited	5665000	2022-23
WeVOIS Labs Pvt. Ltd	4000000	2022-23
PadCare Labs	40000000	2022-23

Innovation grant received from govt. organization in previous 3 years

Name of Government organisation from which grant is received	Amount of Grant received	Year of receiving grant
Third Derivative Fellowship- \$100k	8300000	2022-23
Henry Arnhold grant of USD 100k	8300000	2022-23
Sankalp Global Awards- 20k USD	1662000	2022-23
TIDE GTM	7000000	2022-23
Government of Australia	876000	2022-23
IIT Madras	206000	2022-23
TBI- NIDHI PRAYAS	1700000	2022-23
Startup India Seed Fund Scheme (SISFS)	7000000	2022-23
TIDE EIR	1400000	2022-23
CITI	5000000	2022-23
Birac seed fund	3000000	2022-23
Tide Pulse innovation challenge	500000	2022-23
Startup India Seed Fund Scheme (SISFS) Grant	200000	2022-23
BIRAC SPARSH	2800000	2022-23
BIRAC BIG	20000000	2022-23
DST disbursed through Catalyst - IIT Mandi	700000	2020-21
TIDE 2.0 EIR - MEITY	400000	2020-21
Engineers India Ltd	5854000	2020-21
FIRST, IIT Kanpur	7500000	2020-21

IHub Grant	1000000	2020-21
IHub Fellowship	1200000	2020-21
IIT Kanpur (SASACT Scheme for Accelerating Startups around Post COVID Technology Opportunities)	2200000	2020-21
CAwach	1000000	2020-21
BIRAC BIG	44319000	2020-21
Meity	700000	2020-21
IIT Hyderabad	200000	2020-21
NITI Ayog - Atal New India Challenge	10000000	2020-21
Start up India	500000	2020-21
Echoing Green 2020 Fellow	6600000	2020-21
Nidhi Prayas	4300000	2020-21
TIDE MVP	2100000	2020-21
EIL grant	1996000	2020-21
MSME design	1500000	2020-21
Startup India Seed Fund Scheme (SISFS)	7000000	2020-21
Tide EIR	280000	2020-21
BIRAC SPARSH	4200000	2020-21
IITK Innovation Fellowship	1500000	2020-21
University of Washington	1600000	2020-21
Nidhi SSS	750000	2020-21
Nidhi Prayas - Department of Science & Technology	3350000	2021-22
NIDHI EIR - Department of Sciene & Technology	1245000	2021-22
The Ministry of Micro, Small & Medium Enterprises	3000000	2021-22
Tide MVP	700000	2021-22
Department of Science & Technology	33000000	2021-22
CITI	3300000	2021-22
C3I hub IIT Kanpur	6900000	2021-22
Meity TIDE 2.0	1100000	2021-22
Startup India Seed Fund Scheme	340000	2021-22
Mission Bharat O2 Grant	2700000	2021-22
IIM Banglore	700000	2021-22
MEITY	700000	2021-22
HDFC bank	2125000	2021-22

DST Swacchata Startup Conclave	2000000	2021-22
BIRAC BIG	47705000	2021-22
PHD incubation program	500000	2021-22
IHub Grant Tide MVP DSCI	1750000	2021-22
IITK seed grant	500000	2021-22
Tide Eir Grant Support	500000	2021-22
IIT K Innovation Fellowship	384000	2021-22
seed fund SISF	7100000	2021-22
Tide MVP CITI	1700000	2021-22
SISFS Grant	300000	2021-22
TIDE MV	500000	2021-22
TBI- NIDHI PRAYAS	850000	2021-22
DST-Nidhi PRAYAS	7000000	2022-23
PFC-Ministry of Power disbursed through IIT Kanpur	600000	2022-23
IHub Grant	1000000	2022-23
IHub Fellowship	1200000	2022-23
Software Technology Parks of India STPI	1000000	2022-23
NIDHI EIR Fellow	720000	2022-23
karnataka start up cell	2000000	2022-23
Society for Innovation and Development	700000	2022-23
IDEX	75351000	2022-23
Department of Science & Technology	37400000	2022-23
Nidhi Prayas	5000000	2022-23
National Technology Award	1500000	2022-23
Govt of Rajasthan	500000	2022-23
DOT Department of Telecommunications	5000000	2022-23
IIM Kozikode	100000	2022-23
DCIS Digital Communication Innovation Square	6200000	2022-23
Startup India Seed Fund Scheme	900000	2022-23
TIDE GTM	4000000	2022-23
Kerala startup Mission	1200000	2022-23
Meity - Tide 2.0	700000	2022-23
Engineer India Ltd. (Govt PSU) - Innovation Grant	1800000	2022-23

MEITY-TIDE GTM	4000000	2022-23
TIDE MVP	1400000	2022-23
Startup India Seed Fund Scheme	5000000	2022-23
Power Finance Corporation -Fellowship	600000	2022-23
DANA Care Fondation CSR	1080000	2022-23
Power Grid Corporation of India	150000	2022-23
RKVY-RAFTAAR from IIT BHU	500000	2022-23
Bihar Agriculture University	2500000	2022-23
Niti Aayog	10000000	2022-23
MoHUA	38000000	2022-23
Technip CSR Grant	1200000	2022-23
IIT Palakkad Technology IHub	150000	2022-23
Ministry of Housing and Urban Affairs	2000000	2022-23
SNEH Program funded Oil India Limited	40000000	2022-23
NSRCEL Impact Orbit: Circular Economy Program	1000000	2022-23
MEITY	4000000	2022-23

Patents

Calendar year	2022	2021	2020
No. of Patents Published	52	42	47
No. of Patents Granted	104	54	56

Patents Commercialized & Technology Transferred

Calendar year	2022	2021	2020
No. of Patents Published	7	5	6

Innovations at various stages of Technology Readiness Level

Innovation Name	Stage of technology	Financial Year
Conversion and recycling of rubber tyres into high utility products and sold via Amazon and the company website.	Level 9	2022-23
An ethical and traceable reverse supply chain for plastics that partners with informal wastecollectors and uses technology to track the material they send for recycling.	Level 9	2022-23
Unique garbage suction machines called Jatayu, with which Safai Karmacharis can pickseveral tons of garbage in a contactless and safe way, with the entire activity being digitallytracked and monitored	Level 9	2022-23
100% bio-based composite panels made from agri-residue to reduce the embodied carbon footprint of the built environment.	Level 9	2022-23

Krait is a light weight and affordable robot integrated with multiple accessories to perform cleaning tasks without any human intervention.	Level 9	2022-23
An automated IoT-based efficient door-to-door waste collection service which includes operations and real-time monitoring of waste collection vehicles.	Level 9	2022-23
An IT integrated waste management tool to monitor and manage waste generation, collection, reuse and scientific disposal.	Level 9	2022-23
Innovative security solutions and cybersecurity compliance	Level 7	2021-22
An on-site, low cost and sustainable solution for recycling residential greywater.	Level 7	2021-22
Promotion of heritage education through content, olympiad, excavation kits and virtual experiences.	Level 7	2021-22
Develops a high performance UHMWPE (Ultra High Molecular Weight Polyethylene) fibres for bullet proof and anti-ballistic applications using gel-spinning technique.	Level 8	2021-22
Antimicrobial Air purifier by using patented SAVE (Sanitizer for Airborne Virus Elimination Technology) Technology and DCD (Deactivate-Capture-Deactivate) Mechanism	Level 8	2021-22
IOT Enabled automatic dispensing machine to serve panipuri in a contactless manner.	Level 8	2021-22
Production of Poorti kit that provides post mastectomy rehabilitation of breast cancer patients using light-weight and low-cost breast prostheses.	Level 8	2021-22
Developed a storage chambers ' Sabzikothi' for extending the shelf life of perishable horticultural produce.	Level 8	2021-22
Portable soil testing device Bhu-Parikshak	Level 8	2021-22
Navyakosh, Krishikosh, Ziva biofertilizer contains concentrated microbes consortium, nanoparticle and organic super absorbent polymers.	Level 8	2021-22
A platform to streamline the drug and materials discovery processes by integrating data from multiple sources	Level 8	2021-22
Dhaara Smart, an ultrasonic smart water meter with range from DN 25 to DN 250 enabled with cellular communication, along with Dhaara Live, a dashboard platform that allows users to view, track, and an	Level 8	2021-22
Building novel, cost-efficient & sustainable batteries for utility & mobility markets. The product 'ZincGel® battery' is packed with breakthrough innovations that enable it the performance of lithium-	Level 8	2021-22
Bio-composting of Horticulture & Organic waste into Manure Indigenously (BHOOI)	Level 8	2021-22
The Lipon Inverter	Level 8	2021-22
Processing of electronic waste through stages of refurbishing, recovery & recycling to achieve optimum utilization of e-products & reduce electronic waste.	Level 8	2021-22
Upcycling waste plastic into bags and wrappers via a unique weaving process using atraditional Charkha and Handloom to make premium handcrafted items.	Level 8	2021-22
An automated IoT-based efficient door-to-door waste collection service which includes operations and real-time monitoring of waste collection vehicles.	Level 8	2021-22
Infrastructure projects for providing "deck over water"	Level 9	2021-22
Production of Green Steel by recycling steel waste, utilising a sustainable technology by which GHG's are minimized, the environment safeguarded and a circular economy put in place.	Level 9	2021-22
Conversion and recycling of rubber tyres into high utility products and sold via Amazon and the company website.	Level 9	2021-22

An IT integrated waste management tool to monitor and manage waste generation, collection, reuse and scientific disposal.	Level 9	2021-22
Copilot for teachers	Level 1	2022-23
Designing, manufacturing, and launching reusable launch vehicles.	Level 2	2022-23
Design and development of green propulsion for low orbit small satellites	Level 2	2022-23
Electronic nose device that enables real time testing of purity and quality of food products.	Level 2	2022-23
Automated Equipment for Arecanut cultivation	Level 2	2022-23
Swasvayu outdoor air purifier cleans the air with innovative soap solution and water scrubbing technology.	Level 2	2022-23
An eco-circular model that increases the value of waste by sorting pre-consumer textile waste into recyclables and up-cyclables.	Level 2	2022-23
Development of a wave energy based desalination technology for harvesting wave energy for sea water desalination (producing freshwater).	Level 2	2022-23
An Ink-based Fabrication of Organic Light-emitting Diode Tiles	Level 3	2022-23
BLOCKCHAIN-ENABLED IOT SYSTEM AND METHOD FOR SECURING REAL TIME DATA IN A MICROCONTROLLER-BASED BLOCKCHAIN NETWORK	Level 3	2022-23
An Automated Pipe Following Modular Bulk Carrier for Continuous Material Transportation	Level 3	2022-23
A Hydrogel Electrolyte and Process for Preparation Thereof	Level 3	2022-23
Novel Bone Graft Material For the Regeneration of Critical-Sized Bone Defects	Level 4	2022-23
A Process for Fabrication of A Gas Sensor for Detection of Ammonia and Product Thereof	Level 4	2022-23
Methods and Signaling for Enabling Carrier Phase-based Positioning in a Wireless Communication System	Level 4	2022-23
A Process for Treatment and Neutralization of Highly Acidic Wastewater Effluent	Level 4	2022-23
An Adjustable Air Filter Testing Device for Testing Performance of Air Filters	Level 4	2022-23
IoT Based System And Method For Multilingual Braille Learning	Level 4	2022-23
System for Temperature-compensated Biasing Circuit Integrated with Amplifier by Utilizing GaAs-based HEMTs	Level 4	2022-23
A Tunnel Diode-based Device for Real-Time Monitoring of Steel Quality and Method Thereof	Level 4	2022-23
A Process for Fabrication of A Chemiresistive Sensor and Product Thereof	Level 4	2022-23
Multipurpose Heating System for Heating One or More Objects and A Method Thereof	Level 4	2022-23
System and Method for Producing Sustainable Steel Using Agricultural Biomass Residue in DRI based Steelmaking	Level 4	2022-23
A Process for Synthesis of Amorphous Alumina Supported NiMo Nano-catalyst for Hydrodesulfurization (HDS) Reaction	Level 4	2022-23
Fixed Wing Vertical Takeoff and Landing Unmanned Aerial Vehicle for Long Distance Cross Country Gas Pipeline	Level 4	2022-23
System for Mitigating Space Debris and Method Thereof	Level 4	2022-23

A Music System For Reading A Music Instrument Digital Interface File From A Musical Instrument	Level 4	2022-23
A Process for Synthesis of A Composite Electrode Material and Product Thereof	Level 4	2022-23
Hall Sensor Based Local Vibration Detector (HSLVD) for Monitoring Vibrations in a Structure	Level 4	2022-23
Shoe Insole Heating System	Level 4	2022-23
An Antibiotic Loaded Composite Bone-Active Biomaterial and Process for Synthesis Thereof	Level 4	2022-23
Biomarkers In Hemophilic Arthropathy	Level 4	2022-23
Air Purifier Device for Removing Impurities from Air	Level 4	2022-23
An Automated TIG Welding Device for a Twisted Chain	Level 4	2022-23
A Method for Modification of A Graphite Rod for High-density Energy Application	Level 4	2022-23
A Biomimicry Scout Camera System for Monitoring Activities of Objects	Level 4	2022-23
A System and Method for Producing Homogeneous Microstructure Metallic Sheets by Using Constrained Groove Dies	Level 4	2022-23
A Cryo-grinding System for Synthesis of Metallic, Non-metallic and Organic Nanoparticles	Level 4	2022-23
System and Method for a Kernel-level Active Darknet Monitoring Sensor for Gathering Organization-specific Threat	Level 4	2022-23
A Wearable Heating Device for Heating Surfaces	Level 4	2022-23
Extrusion-based Ceramic 3D Printing System and Method	Level 4	2022-23
An Auxiliary System for Filtering Aerosol Particles Released from An Electrical Discharge Machining (EDM) Tool	Level 4	2022-23
Plasma Based Focused Ion Beam System for Reducing Ion Beam Size Using Plasma Sheath Nonlinearity	Level 4	2022-23
A Wearable Gear for Variable Climatic Condition with Active Heating	Level 4	2022-23
A Process for Preparation of Green Corrosion Inhibitor for Steel Structures	Level 4	2022-23
An Arrangement of A Segmented Organic Light Emitting Diode (OLED) Assembly	Level 4	2022-23
A Machining Device for Turning and Boring of an Electrically Conducting Workpiece Using Electrochemical Machining	Level 4	2022-23
A Capacitance-based Liquid Level Sensor System for Continuous Monitoring of Liquid Level of Metals	Level 4	2022-23
Method and System of Brainwave Controlled Wheelchair with Intelligent Tagging Assistant	Level 4	2022-23
Air Filter Assembly for Purifying Air with Increased Filtration Efficiency	Level 4	2022-23
Large-scale, flexible electrochromic devices (ECDs) and its method of synthesis	Level 4	2022-23
A 3D Printed Scaffold and A Process for Fabrication Thereof	Level 4	2022-23
A Combination of Anti-catabolic and Pro-anabolic Agents for the Treatment of Osteoarthritis	Level 5	2022-23
Air-heat Drying One-dimensional Compression System	Level 5	2022-23

A Robot System for Automatically Managing Agricultural Activities	Level 5	2022-23
Planar Trefoil Knot Antennas	Level 5	2022-23
A Transdermal Gel for Transdermal Melanoma Therapy and A Process for Synthesis Thereof	Level 5	2022-23
A Shape Memory Alloy-based Adaptive Thermal Fin for Thermal Management	Level 5	2022-23
SYSTEM AND METHOD FOR PROVIDING CONTROL INFORMATION TO NETWORK-CONTROLLED REPEATER	Level 5	2022-23
Deep Learning Based Audio Tokenizing System for Indexing and Retrieval	Level 5	2022-23
A Process for Fabrication of An Electrically Conductive Aligned Nanofibrous Scaffold	Level 5	2022-23
A Quadcopter Drone with an out-of-plane Folding Mechanism	Level 5	2022-23
System and Method for Generating Percussion Accompaniment with Natural Movements	Level 5	2022-23
A Method for Preparation of Polyurethane-Based Scaffold Coated with Decellularized Extracellular Matrix for Tissue Engineering	Level 5	2022-23
Handheld and Portable Smart Diagnostic Device for Early Detection of Oral Cancer	Level 6	2022-23
A Process for Synthesizing a Green Organic Inhibitor for Corrosion Protection of Mild Steel	Level 6	2022-23
A Biocomposite Delivery System for Phytobioactives in Bone Healing	Level 6	2022-23
An Optimized AAV Vector for Gene Therapy of Muscular Dystrophy	Level 6	2022-23
Smart Electric Meter Device and Method for Enabling Meter Data Communication	Level 6	2022-23
A Musculo-responsive Polymer Carbon Composite for Assisting Myotubular Regeneration (MusCAMLR) and Process for Preparing Thereof	Level 6	2022-23
A Softening and Dilation Device for Cervix of Animals	Level 6	2022-23
An Optimized AAV based Promoter System for Targeted Suicide Gene Therapy in Hepatocellular Carcinoma	Level 6	2022-23
A Hybrid Electrospray and Ionic Wind Based Cooling System for Thermal Management Devices	Level 7	2022-23
System For Determining Angularity of One or More Objects And Method Thereof	Level 7	2022-23
A Passive Vibration Screening Arrangement with Bamboo In-filled Wave Barriers (IB) for Mitigating Ground-borne Vibration	Level 8	2022-23
A Robust Dehazing Algorithm in CIELAB COLOR Space	Level 9	2022-23
Green High Energetic Density Materials (HEDMs) and Process for Synthesizing the Same	Level 9	2022-23
SYSTEM AND METHOD FOR IMAGE COLORIZATION OF FACE IMAGES REPRESENTED USING A SINGLE CHANNEL	Level 9	2022-23
FACE IMAGE GENERATION SYSTEM AND METHOD FOR GENERATING THREE-DIMENSIONAL FACE IMAGES OF INDIVIDUALS	Level 9	2022-23
Anti-Drone detection and destroy	Level 1	2020-21
Smart hybrid clean energy system with DER based Tech Platform for controlling & managing supply & demand of clean energy	Level 1	2020-21
Developed a system for effective household waste segregation	Level 1	2020-21

Plug-and-play device for urinal and toilet to track their health records	Level 1	2020-21
AI engine for credit score for the unorganised sectors, blockchain ecosystem of lenders, borrowers, insurers and ecosystem partners.	Level 1	2020-21
Screening mental health disorders using voice based samples	Level 1	2020-21
App to help the workers to get respectable (know your rights, grievance redressal, rules, enhanced communication) and worthy (micro-financing, skill development, expert-aga advice, government policie	Level 1	2020-21
Device for analysing and monitoring water quality through easy to use colorimetric test-strip, based on smart-phone technology that screens multiple important water quality parameters in less than 2 m	Level 1	2020-21
Promotion of heritage education through content, olympiad, excavation kits and virtual experiences.	Level 1	2020-21
Processing of the plastic waste with no residue based on the pyrolysis-based technology to generate pyrolytic oil and blending it for meeting the standards for use	Level 1	2020-21
Development of a wave energy based desalination technology for harvesting wave energy for sea water desalination (producing freshwater).	Level 1	2020-21
Powergrid Cybersecurity - secure electric power substations from cyberattacks	Level 2	2020-21
FitBuddy provides Virtual personal trainer for workouts to ensure 300% improvement in outcome at 20% of cost using patented AI.	Level 2	2020-21
Wind Panel for environment and renewable energy generation	Level 2	2020-21
Making Human-Machine Interaction HMI truly Touchless.	Level 2	2020-21
3D CFD Ventilation Simulation Software	Level 2	2020-21
PleuraGoh, a chest drain management system that addresses a health complication that arises due to medical treatment	Level 2	2020-21
Working on minimally invasive cancer pre-screening devices based on patented biophotonics technology.	Level 2	2020-21
Preeclampsia detection kit, prenatal screening test and PROM detection kit.	Level 2	2020-21
Developing vegan based meat products	Level 2	2020-21
Assistive Oral Care Device for disable and elderly people	Level 2	2020-21
Bio packaging material "Bio-Col" using agricultural wastes burnt by farmers.	Level 2	2020-21
Creating pocket-friendly, speech-based technology platforms using AI, ML, and NLP technologies to transform the healthcare documentation and reporting landscape	Level 2	2020-21
Pregahunt's hCG-integrated paper-based funnel and specializes in solving unaddressed menstrual, intimate, and toilet hygiene	Level 2	2020-21
Hemp processing units which include Hemp Seed Oil, Hemp Biofuels, Hemp Plastics, Hemp Composites, Textile, Paper, CBD, Hemp Nutraceuticals & Hempcrete.	Level 2	2020-21
Following the principle of Nadi Pariksha an Ayurvedic technique that uses pulse frequency to discover physical, mental, and emotional imbalances as well as diseases in the human body	Level 2	2020-21
Non-invasive, portable, radiation-free early breast cancer screening device with a non-invasive blood flow biosensor	Level 2	2020-21
Screening Neo natal juandis using a smartphone	Level 2	2020-21
Law review platform	Level 2	2020-21

An eco-circular model that increases the value of waste by sorting pre-consumer textilewaste into recyclables and up-cyclables.	Level 2	2020-21
GPS Spoofing for Anti-Drone Applications	Level 3	2020-21
Energy Storage space using Gravity	Level 3	2020-21
Development of charging infrastructure, smart grid integration, intelligent autonomous robot chargers, consumer electronic chargers, biosensors, smart high power transfer wireless chargers for EV's.	Level 3	2020-21
Developing machines used in Surface Mounted (SMD) component assembly	Level 3	2020-21
Gaatha is an audio platform - a modern Gateway to connect us with the world of literature	Level 3	2020-21
Jaw Opening device and a multipurpose Proctoscope	Level 3	2020-21
Converting non-recyclable plastic waste into 100% recyclable construction materials.	Level 3	2020-21
Developing polymeric and ceramic materials as regenerative therapies for tissue damage focussing	Level 3	2020-21
Automatic Aeroponics Stacks for balcony gardening	Level 3	2020-21
Developing ELISA kit (Sera) which detects tiger moth-specific IgE antibodies from fever patients	Level 3	2020-21
BIONICLI a upper limb prosthetic hand with six grip patterns	Level 3	2020-21
SMART-INSOLE having integrated sensors to collect movement data	Level 3	2020-21
A proprietary technology for rhizome processing to enhance the shelf life and quality of the product and to raise curcumin retention percentage.	Level 3	2020-21
Compostable polymer resin using chicken feather to replace a few specific single-use plastic application	Level 3	2020-21
Image segmentation and other AI tools	Level 3	2020-21
A range of eco-friendly, non-plastic, climate-positive products created by employingmarginalized communities.	Level 3	2020-21
Develop and manufacture advanced robots for heavy industry, health-tech, defense and agri-tech.	Level 4	2020-21
Design, development and manufacturing of high efficiency motors and smart controllers for applications like Electric Vehicles, Consumer appliances, Industrial applications and Aerospace & Defence	Level 4	2020-21
Delivering innovative intelligent robotic solutions in the healthcare space	Level 4	2020-21
Development of A Portable CPAP (Continuous positive airway pressure) machine to help Sleep Apnea/COPD patients	Level 4	2020-21
POCT which is capable of analyzing more than 25 parameters for the diagnosis of Kidney, Live Agreementr, Pancreas, Heart problems	Level 4	2020-21
Developed a technology named CHECKO which allows the use of QR codes which is unclonable solution.	Level 4	2020-21
Developing innovative attachments for Power Weeder/ Tillers.	Level 4	2020-21
Tractill, power tiller cum mini tractor for various farm operations, Sugarcane Juice Extracting Machine.	Level 4	2020-21
Farmology, which is a tech enabled full stack platform to enable farmers with accurate advisory, agri-inputs and output market linkages	Level 4	2020-21

OCR sheet based evaluation of handwritten answers of UPSC aspirants	Level 4	2020-21
An automated hygiene management system that generates harmless, recyclable output outof used sanitary napkins.	Level 4	2020-21
A biodegradable alternative to the synthetic super-absorbent polymers (SAP) used insanitary pads.	Level 4	2020-21
Assistive Technology learning platform for Autism Spectrum Disorder(ASD) and special education	Level 5	2020-21
Developed a patented biofertilizer and a complete range of inputs like health regulator, growth promoter, bio pest & fungal control agents	Level 5	2020-21
Navyakosh, Krishikosh, Ziva biofertilizer contains concentrated microbes consortium, nanoparticle and organic super absorbent polymers.	Level 5	2020-21
herbal drops by extracting the active compounds of herbs and spices	Level 5	2020-21
Artificial Intelligence (AI) / Machine Learning (ML) products for optimizing last-mile operations in large industries.	Level 5	2020-21
Video streaming, analytics and cloud storage services	Level 5	2020-21
Aloe E-cell has developed aloe vera batteries, an eco-friendly alternative to traditionalbatteries. They are also working towards collecting and recycling used dry cell batteries,which end up in landf	Level 5	2020-21
Design and Development of High altitude UAV	Level 6	2020-21
Develops a high performance UHMWPE (Ultra High Molecular Weight Polyethylene) fibres for bullet proof and anti-ballistic applications using gel-spinning technique.	Level 6	2020-21
Antimicrobial Air purifier by using patented SAVE (Sanitizer for Airborne Virus Elimination Technology) Technology and DCD (Deactivate-Capture-Deactivate) Mechanism	Level 6	2020-21
IOT Enabled automatic dispensing machine to serve panipuri in a contactless manner.	Level 6	2020-21
Production of Poorti kit that provides post mastectomy rehabilitation of breast cancer patients using light-weight and low-cost breast prostheses.	Level 6	2020-21
Developed a storage chambers ' Sabzikothi' for extending the shelf life of perishable horticultural produce.	Level 6	2020-21
A platform to streamline the drug and materials discovery processes by integrating data from multiple sources	Level 6	2020-21
Safety sensors and factory floor optimisation tool for industries	Level 6	2020-21
AI platform to automate visual quality inspection	Level 6	2020-21
Processing of electronic waste through stages of refurbishing, recovery & recycling to achieve optimum utilization of e-products & reduce electronic waste.	Level 6	2020-21
Upcycling waste plastic into bags and wrappers via a unique weaving process using atraditional Charkha and Handloom to make premium handcrafted items.	Level 6	2020-21
Portable soil testing device Bhu-Parikshak	Level 7	2020-21
Dhaara Smart, an ultrasonic smart water meter with range from DN 25 to DN 250 enabled with cellular communication, along with Dhaara Live, a dashboard platform that allows users to view, track, and an	Level 7	2020-21
Building novel, cost-efficient & sustainable batteries for utility & mobility markets. The product 'ZincGel® battery' is packed with breakthrough innovations that enable it the performance of lithium-	Level 7	2020-21
Bio-composting of Horticulture & Organic waste into Manure Indigenously (BHOOMI)	Level 7	2020-21

The Lipon Inverter	Level 7	2020-21
An automated IoT-based efficient door-to-door waste collection service which includes operations and real-time monitoring of waste collection vehicles.	Level 7	2020-21
Conversion and recycling of rubber tyres into high utility products and sold via Amazon and the company website.	Level 8	2020-21
Infrastructure projects for providing "deck over water"	Level 9	2020-21
Production of Green Steel by recycling steel waste, utilising a sustainable technology by which GHG's are minimized, the environment safeguarded and a circular economy put in place.	Level 9	2020-21
Data Acquisition from Sensor Array	Level 6	2020-21
A Single-dose Nanovaccine for Shigellosis and Process for Synthesis Thereof	Level 6	2020-21
Catalyst for Oxygen Reduction Reaction for Fuel Cells and Method of Manufacturing Same	Level 7	2020-21
Lateral Flow Immunoassay Strip and Method for Detection of Mastitis in Bovines	Level 8	2020-21
A Process for Creating Flexible Paper Circuitry	Level 8	2020-21
Electrochemical Sensor For Bilirubin Analysis in Human Blood/ Serum	Level 9	2020-21
Adaptive Minimum Quantity Lubricant System and Process for Monitoring and Controlling Temperature During Machining Operation	Level 9	2020-21
TRANSPARENT ORGANIC LIGHT EMITTING DIODE	Level 1	2021-22
A Nasal Spray Formulation against SARS-CoV-2 and Related Respiratory Viruses	Level 1	2021-22
Formulation for Inhibition of SARS-COV-2 Infection and Process for Preparation Thereof	Level 1	2021-22
Spin Independent Fin Deployment Mechanism for Projectile	Level 1	2021-22
Simultaneous Temperature and Humidity Insensitivity of Race Track Photonic Ring Resonator	Level 1	2020-21
Process for the Fabrication of Biodegradable Magnesium-based Alloys for Orthopaedic Applications and Thereof	Level 2	2021-22
Electrode Substrate for Electrochemical Sensing of Biomolecules	Level 2	2021-22
Anti-bacterial Short Chain Conjugated Peptides	Level 2	2021-22
Electroporator	Level 2	2021-22
A Process for Making House from Recycled Waste Materials	Level 3	2021-22
Method and Apparatus for Manufacturing Furniture from Waste Material	Level 3	2021-22
Chemosensitization of Castrate-resistant Prostate Cancer to PARP Inhibitors by MALAT1 Ablation	Level 3	2021-22
Packed Bed Single Chamber Microbial Fuel Cell (SCMFC) System And Methods For Fabricating Electrodes	Level 3	2021-22
Wrist Detection System for a Smartwatch	Level 3	2021-22
Dial Ring Interface for Hybrid Smartwatches	Level 3	2021-22
System and Method for Automatic Assessing and Monitoring of a User's Activity	Level 3	2021-22

An Active-matrix Temperature Sensor Using Four Terminal Thin Film Transistor with Diode-like Source Contact	Level 3	2021-22
A Printed Circuit Board (PCB) Based Electro-Wetting-On-Dielectric (EWOD) Medical Diagnostic System	Level 3	2021-22
A Process for Synthesis of Polymeric Camphorsulfonic Acid Doped Polyaniline Ink Formulation and Product Thereof	Level 3	2021-22
Struvite-rice Straw Biochar Alginate Compositebeads as Slow-release Nitrogen-phosphorus fertilizer	Level 3	2021-22
A Method for Synthesizing Max Phase to Prepare MXene for Utilization in Fabrication of Thermoelectric Composites	Level 3	2021-22
Bipennate Muscle Architecture-based Shape Memory Alloy Embedded Hierarchical Actuator	Level 4	2021-22
Tactile Watch for Visually Impaired	Level 4	2021-22
Receiver Unit for Wireless Charging System	Level 4	2021-22
Bimodal Structure Based Thermal Barrier Coating Composition, Process for Preparation Thereof, and Substrate Coated Therewith	Level 4	2021-22
Method Of Joining HAFNIUM-AND ZIRCONIUM-DIBORIDES Based Ultra-High Temperature Ceramic and Composites Thereof Using Nickel Interlayer	Level 4	2021-22
A Power Amplifier Design to Compensate Frequency Dependent Behavior	Level 4	2021-22
A Circular Interactive Lamp and Method Thereof	Level 4	2021-22
System and Method for Music Training	Level 4	2021-22
A Multicomponent Diboride Material and Process for Synthesis Thereof	Level 4	2021-22
Portable Cutlery Set	Level 4	2021-22
An Apparatus for Micro-resolution Phasor Measurement	Level 4	2021-22
A System for Facilitating Two-dimensional Fluid Movement of an Object Over An Area	Level 4	2021-22
Attitude Control System with Gear-Based Actuation Mechanism for Controlling Actuator Failures in A Spacecraft	Level 4	2021-22
Development of stealth technology and EMI shielding technologies	Level 1	2021-22
Designing, manufacturing, and launching reusable launch vehicles.	Level 1	2021-22
Design and development of green propulsion for low orbit small sateliites	Level 1	2021-22
UPLIFT- Effortless mobility through AI and IoT-based stair lifts and wheelchairs.	Level 1	2021-22
Automated Separation Technology based on Machine Vision for the economical production of high purity Phytochemical Reference Standards	Level 1	2021-22
Anti-Drone detection and destroy	Level 2	2021-22
Developed a system for effective household waste segregation	Level 2	2021-22
Krishi Mandi - A Data driven AI Optimised agri-supply chain plattform	Level 2	2021-22
Monitoring of road constructions using drones	Level 2	2021-22
Security information and event management for small medium business	Level 2	2021-22

Transformation of the lithium-ion battery supply chain by offering large-scale sources of these domestic materials produced from recycled batteries and supplemented with sustainably mined material.	Level 2	2021-22
Development of a wave energy based desalination technology for harvesting wave energy for sea water desalination (producing freshwater).	Level 2	2021-22
A unique domestic air purifier which creates a hyperlocal clean air zone by filtering air off its harmful components and also capturing carbon.	Level 2	2021-22
Creating pocket-friendly, speech-based technology platforms using AI, ML, and NLP technologies to transform the healthcare documentation and reporting landscape	Level 4	2021-22
Developing ELISA kit (Sera) which detects tiger moth-specific IgE antibodies from fever patients	Level 4	2021-22
Following the principle of Nadi Pariksha an Ayurvedic technique that uses pulse frequency to discover physical, mental, and emotional imbalances as well as diseases in the human body	Level 4	2021-22
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AI engine for credit score for the unorganised sectors, blockchain ecosystem of lenders, borrowers, insurers and ecosystem partners.	Level 4	2021-22
Screening Neo natal jaundis using a smartphone	Level 4	2021-22
Law review platform	Level 4	2021-22
Screening mental health disorders using voice based samples	Level 4	2021-22
smart surveillance and interceptor drone capable of multi-modal sensing and deep learning event analysis of cyber and physical events to provide a deep situational awareness	Level 4	2021-22
Asset management through cyber security solutions	Level 4	2021-22
Drone based service provider company specialized in solving real world problems using their expertise in contemporary UAV technology.	Level 4	2021-22
Cyber risk measurement, modelling, and pricing engine	Level 4	2021-22
Bug bounty Platform	Level 4	2021-22
The xTen CyberGuard solution works as a Front-line defender of the enterprise and helps enforce an Integrated Cyber Defense mechanism with the following key features: Automated platform for threat intel	Level 4	2021-22
Digital forensic and cyber security product development	Level 4	2021-22
GPS Spoofing for Anti-Drone Applications	Level 5	2021-22
Sensor fusion functionality for Anti Drone Defence systems	Level 5	2021-22
Energy Storage space using Gravity	Level 5	2021-22
Development of charging infrastructure, smart grid integration, intelligent autonomous robot chargers, consumer electronic chargers, biosensors, smart high power transfer wireless chargers for EV's.	Level 5	2021-22
Developing machines used in Surface Mounted (SMD) component assembly	Level 5	2021-22
Making Human-Machine Interaction HMI truly Touchless.	Level 5	2021-22
Creating Innovative Solutions for IT Infrastructure Management using AI/ML Technologies	Level 5	2021-22

preeclampsia detection kit, prenatal screening test and PROM detection kit.	Level 5	2021-22
Developing vegan based meat products	Level 5	2021-22
Converting non-recyclable plastic waste into 100% recyclable construction materials.	Level 5	2020-21
SMART-INSOLE having integrated sensors to collect movement data	Level 5	2021-22
An affordable, accessible systems for monitoring and risk prediction of neurodegeneration	Level 5	2021-22
Voice-enabled, assistive mobile app for blind people	Level 5	2021-22
OCR sheet based evaluation of handwritten answers of UPSC aspirants	Level 5	2021-22
Image segmentation and other AI tools	Level 5	2021-22
Threat Spy	Level 5	2021-22
Industrial Network Monitoring Solution	Level 5	2021-22
Multirotor Drones for Aerial Mapping and Surveillance,Hybrid VTOL delivery drones are equipped to carry heavy payloads ranging from 5-20 kgs and can conveniently cover distances up to 100 km	Level 5	2021-22
Extended Security operation centre	Level 5	2021-22
Secure physical hardware crypto solution based on the latest VLSI technology	Level 5	2021-22
A biodegradable alternative to the synthetic super-absorbent polymers (SAP) used insanitary pads.	Level 5	2021-22
A range of eco-friendly, non-plastic, climate-positive products created by employingmarginalized communities.	Level 5	2021-22
Design and Manufacturing of Aerospace and Defence and UAV	Level 6	2021-22
Develop and manufacture advanced robots for heavy industry, health-tech, defense and agri-tech.	Level 6	2021-22
Gaatha is an audio platform - a modern Gateway to connect us with the world of literature	Level 6	2021-22
3D CFD Ventilation Simulation Software	Level 6	2021-22
Automatic Aeroponics Stacks for balcony gardening	Level 6	2021-22
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POCT which is capable of analyzing more than 25 parameters for the diagnosis of Kidney, Live Agreementr, Pancreas, Heart problems	Level 6	2021-22
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Tractill, power tiller cum mini tractor for various farm operations, Sugarcane Juice Extracting Machine.	Level 6	2021-22
BIONICLI a upper limb prosthetic hand with six grip patterns	Level 6	2021-22
herbal drops by extracting the active compounds of herbs and spices	Level 6	2021-22
Artificial Intelligence (AI) / Machine Learning (ML) products for optimizing last-mile operations in large industries.	Level 6	2021-22

Cloud Optimo, which includes OptimoSecurity, which enables businesses to identify and mitigate risks via security assessments and automated compliance monitoring.	Level 6	2021-22
The company employs Design Thinking, Creativity, Innovation, and an Analytical Approach to solve challenging problems in drone manufacturing.	Level 6	2021-22
Napid - one touch authenticator	Level 6	2021-22
Cyber Risk Intelligence Center (CRIC) designed to address Gaps in Existing Solutions in Incident Response, Threat Intel & Internal Health using Automation, Aggregation & AI Techniques for IT and Indu	Level 6	2021-22
Smart wallet and an authentication	Level 6	2021-22
Blockchain forensic, Transaction monitor and tracing	Level 6	2021-22
An automated hygiene management system that generates harmless, recyclable output out of used sanitary napkins.	Level 6	2021-22
Aloe E-cell has developed aloe vera batteries, an eco-friendly alternative to traditional batteries. They are also working towards collecting and recycling used dry cell batteries, which end up in land	Level 6	2021-22
Design and Development of High altitude UAV	Level 7	2021-22
Design, development and manufacturing of high efficiency motors and smart controllers for applications like Electric Vehicles, Consumer appliances, Industrial applications and Aerospace & Defence	Level 7	2021-22
Offers deep tech & skills for solution of social issues	Level 7	2021-22
Developed a patented biofertilizer and a complete range of inputs like health regulator, growth promoter, bio pest & fungal control agents	Level 7	2021-22
Developing innovative attachments for Power Weeder/ Tillers.	Level 7	2021-22
Farmology, which is a tech enabled full stack platform to enable farmers with accurate advisory, agri-inputs and output market linkages	Level 7	2021-22
Safety sensors and factory floor optimisation tool for industries	Level 7	2021-22
AI platform to automate visual quality inspection	Level 7	2021-22
Video streaming, analytics and cloud storage services	Level 7	2021-22
T-Sanct product Integrite is intended to fight the issues of cyber threats, spreading of misinformation, privacy and data breaches negative campaigns using big-data and artificial intelligence.	Level 7	2021-22
secured Industrial control solutions	Level 7	2021-22
Anti-Espionage and EMP Hardening of critical assets	Level 3	2021-22
Smart hybrid clean energy system with DER based Tech Platform for controlling & managing supply & demand of clean energy	Level 3	2021-22
FitBuddy provides Virtual personal trainer for workouts to ensure 300% improvement in outcome at 20% of cost using patented AI.	Level 3	2021-22
Wind Panel for environment and renewable energy generation	Level 3	2021-22
Working on minimally invasive cancer pre-screening devices based on patented biophotonics technology.	Level 3	2021-22
Developing platelet concentrator and segregator device	Level 3	2021-22
plug-and-play device for urinal and toilet to track their health records	Level 3	2021-22

Developing polymeric and ceramic materials as regenerative therapies for tissue damage focussing	Level 3	2021-22
Vein analyzer device	Level 3	2021-22
Pregahunt's hCG-integrated paper-based funnel and specializes in solving unaddressed menstrual, intimate, and toilet hygiene	Level 3	2021-22
Hand held X-ray device	Level 3	2021-22
Hemp processing units which include Hemp Seed Oil, Hemp Biofuels, Hemp Plastics, Hemp Composites, Textile, Paper, CBD, Hemp Nutraceuticals & Hempcrete.	Level 3	2021-22
Non-invasive, portable, radiation-free early breast cancer screening device with a non-invasive blood flow biosensor	Level 3	2021-22
NON-INVASIVE PRENATAL TESTING (NIPT)	Level 3	2021-22
Treacle created an Autonomous SOAR Engine for Honeypots deployment and got recognized by the international scientific community. The prototype of The Treacle MUTACON System is developed to protect inf	Level 3	2021-22
secure software-defined wide area network	Level 3	2021-22
cyber risk management	Level 3	2021-22
Crime Scene Management tool that includes a Complete operational law enforcement platform that provides data management, advanced analytics, and operational solutions. For gathering and managing intel	Level 3	2021-22
Enhanced lightweight solutions for resource-constrained devices that fit in the IoT environment	Level 3	2021-22
Cyber Range on security, malware analysis, network security threat intelligence and popular cyber-attacks	Level 3	2021-22
Adaptive Identity Verification and Continuous Monitoring via dynamics of movement and touch.	Level 3	2021-22
Secure, smart and connect home IoT devices	Level 3	2021-22
App to help the workers to get respectable (know your rights, grievance redressal, rules, enhanced communication) and worthy (micro-financing, skill development, expert-agaal advice, government policie	Level 3	2021-22
Device for analysing and monitoring water quality through easy to use colorimetric test-strip, based on smart-phone technology that screens multiple important water quality parameters in less than 2 m	Level 3	2021-22
Processing of the plastic waste with no residue based on the pyrolysis-based technology to generate pyrolytic oil and blending it for meeting the standards for use.	Level 3	2021-22
India's first full-stack waste management operating system to track daily door-to-doorwaste collection service, source segregation traceability, and tracing the amount and typeof waste collected at th	Level 3	2021-22
Powergrid Cybersecurity - secure electric power substations from cyberattacks	Level 4	2021-22
Development and launch of specialized inks and educational kits	Level 4	2021-22
Delivering innovative intelligent robotic solutions in the healthcare space	Level 4	2021-22
PleuraGoh, a chest drain management system that addresses a health complication that arises due to medical treatment	Level 4	2021-22
DeeScope- visualization of complete lower genital tract for anatomical/pathophysiological abnormalities (magnified vision) and incorporates this with cytological sampling for cervical cancer screening	Level 4	2021-22
Jaw Opening device and a multipurpose Proctoscope	Level 4	2021-22

Assistive Oral Care Device for disable and elderly people	Level 4	2021-22
Bio packaging material "Bio-Col" using agricultural wastes burnt by farmers.	Level 4	2021-22
A Wearable Device With Smart Timer	Level 4	2021-22
A Process for Synthesis of Bio-degradable-Carbonoid-Metabolite Nanoparticles (BioDCM-NPs)	Level 4	2021-22
A Differential Transformer Based Voltage Converter and Method Thereof	Level 4	2021-22
Nanothylakoids for Selective Removal of Antibiotic- and Metal- Resistant Bacteria from Polluted Water	Level 4	2021-22
Method and System for Synchronizing Operation of A Frequency-coded Quantum Key Distribution System	Level 4	2021-22
A Fixture for Testing Shear Strength of Joined Ceramics-based Composites	Level 4	2021-22
System And Method for Image Standardization	Level 5	2021-22
A Washable and Reusable Facemask Comprising PVDF Composite Nanofibers and A Process for Synthesis of PVDF Composite Nanofibers	Level 5	2021-22
High Capacity Chipless RFID Tags	Level 5	2021-22
Progressive Cryoaggregation of Gold Nanoparticles and its use in Coldness Indicators with Shade Cards and Thereof	Level 5	2021-22
Process for the Laser Assisted Synthesis of Nano-hydroxyapatite and Thereof	Level 5	2021-22
A Photon-Sinterable and Oxidation Resistant Copper Paste for Making Conducting Lines and Process Thereof	Level 5	2021-22
A SYSTEM FOR AN OCULAR GENE THERAPY AND A PROCESS FOR PREPARING THEREOF	Level 5	2021-22
Power Management for Wearable Electronic Systems	Level 6	2021-22
Data Storage from Sensor Array	Level 6	2021-22
A Shigella Nanovaccine and Process for Synthesis Thereof	Level 6	2021-22
Lateral Flow Immunoassay based Point of Care Diagnostic Device for Ultrasensitive Colorimetric Detection of Dengue	Level 6	2021-22
System and Method for Managing Virtual Learning Process	Level 6	2021-22
Switched-sink Bidirectional Power Amplifier	Level 6	2021-22
A Combination Comprising Sulfated Carboxymethylcellulose and Tissue Inhibitor of Metalloprotease 3 (Timp3) For Osteoarthritis	Level 6	2021-22
Polymeric Matrix for Haemostatic Application and Therapeutic Bandage Thereof	Level 7	2021-22
Eco-friendly Ink Formulation of Resistive ink for Roller Ball Pen	Level 7	2021-22
A Process for Preparing A Reusable Adhesive and Product	Level 7	2021-22
An Electrochemical Device for Glucose Detection	Level 8	2021-22
A System for an Electrochemical Detection of Glucose	Level 8	2021-22
Method And Apparatus for the Treatment of Industrial Wastewater	Level 9	2021-22
A Mobile Gadget for Soil Nutrition Detection	Level 9	2021-22
Method and System of Adjusting Display Luminescence Using Artificial Intelligence	Level 1	2022-23

Network-Controlled Repeater For Communicating Signals To Base Station And User Equipments In Wireless Communication Network	Level 1	2022-23
Body Temperature Monitor And Recorder (nBTMR) for A Neonatal	Level 1	2022-23
A Process for Synthesizing Oxadiazole Derivative and Its Nitrogen-Rich Salts	Level 1	2022-23
System for Optimizing Hybrid Electric Vehicle and Method Thereof	Level 1	2022-23
A PROCESS FOR PREPARATION OF HEXAHYDROPYRROLO [2,3-B] INDOLE DERIVATIVES VIA DEAROMATIVE DOMINO RING OPENING CYCLIZATION	Level 2	2022-23
A Process for Recovery of A Plurality of Materials from one or More Solar Cells	Level 2	2022-23
VAD Demonstrator System with Mock Circulatory Loop for Testing, Demonstrating Functions and Performance of VAD	Level 2	2022-23
A Method for Diagnosis of DKC1 Positive Colorectal Cancer	Level 2	2022-23
A Photoreactor for Photocatalytic Degradation of Pharmaceutical Pollutants	Level 2	2020-21
A Biphasic Ceramic Carrier as a Delivery Vehicle of Anti-tuberculosis Drugs	Level 2	2020-21
A Fullerene C60 Nano-Formulation for Acute Respiratory Distress Syndrome	Level 2	2020-21
Magnesium Modified Rice Straw Biochar Beads For Phosphate Uptake	Level 2	2020-21
Virtual Aperture Mask-lens Assembly for Coded Aperture Technique	Level 2	2020-21
Perovskite Solar Cell and Method Thereof	Level 2	2020-21
Method for Synthesis of Nanomaterials of Metal Dichalcogenides and Oxides using Microwave Oven under Atmospheric Conditions.	Level 3	2020-21
A Nanofluid for CO2 Sequestration via Hydrate Formation and Process of Synthesizing Thereof	Level 3	2020-21
Screen-printable Ink Formulation with Improved Adhesion on Plastic Substrate and Gas Sensing Properties	Level 3	2020-21
A Device for Detecting One or More Fragments of DNA	Level 3	2020-21
A Process for Fabricating PANI-CSA Based Temperature Sensor and a Product Thereof	Level 3	2020-21
A Method for Encapsulating PANI-CSA based Temperature Sensor for Enhancing Humidity Stability and Product Thereof	Level 3	2020-21
A Protective Respirator System and Method Thereof	Level 4	2020-21
Speed Control System for Pipe Health Monitoring Robot	Level 4	2020-21
Air Quality Monitoring Device and Method Thereof	Level 4	2020-21
A Walking Device for Enhancing Capabilities of a Visually Impaired Person	Level 4	2020-21
A Press Milling Apparatus for Generating Harmonic Structures and Method Thereof	Level 4	2020-21
A System for Origami Based Re-configurable Antenna with Steering Mechanism	Level 4	2020-21
A Solar Energy Based Heating System for Plants' Root Zone and Vermi-Bed and Method Thereof	Level 4	2020-21
Fabrication of Polymer and Beeswax Composite Nanofibers with Controllable Surface Morphology u	Level 4	2020-21
An Automatic Safety Gate System for Staircase	Level 4	2020-21

A Thermally Stable and Reinforced Polypropylene-SiC Nanocomposite, A Method and Application Thereof	Level 4	2020-21
Portable Smart Device for Determination of Soil Nutrients	Level 4	2020-21
A Tactile Electronics Device for Visually Impaired	Level 4	2020-21
Jaw Opening device for Diagnostic Inspection	Level 4	2020-21
Real-time Spherical Omnidirectional Visual Gyroscope	Level 4	2020-21
A Process for Sterilisation of Ultra-high Molecular Weight Polyethylene and its Nanocomposites	Level 4	2020-21
A Tactile Smart Watch for Visually Impaired	Level 4	2020-21
Thermostable Human Insulin and Uses Thereof	Level 5	2020-21
An Adaptive Method for Food Categorization based on Emitted Gases and their Concentration	Level 5	2020-21
A Fullerene C60 Nanoformulation for Accelerated Tissue Repair	Level 5	2020-21
A Vessel and A Method for Purifying Water and Monitoring Quality of Water	Level 5	2020-21
Human Hair Derived Activated Carbon Nanosheets, Process of Preparation and Application Thereof	Level 5	2020-21
Fluorescence Based Sars-Cov-2 Virus Particle Detection via Membrane Fusion with Synthetic Liposome	Level 5	2020-21
Nanoparticle-Based Drug Delivery System for Niclosamide and a Combination Thereof	Level 5	2020-21
Stiff and Resilient Injectable Silk-based Hydrogels for Cartilage Regeneration	Level 5	2020-21
Sulfated Carboxymethylcellulose Functionalized Electrospun Fibers for Electrostatic Immobilization of Cationic Molecules	Level 5	2020-21
A Portable Handheld Infrared Thermometer and Its Method of Operation	Level 6	2020-21
Nickel Based Amorphous Coating for Line Pipe Steel, for Prevention of Atmospheric Corrosion and Hydrogen Embrittlement	Level 6	2020-21
Techniques for Cancer Determination	Level 6	2020-21
Sensor Patch for Cancer Screening	Level 6	2020-21
A Trifunctional Electrocatalyst and Process for Synthesis Thereof	Level 3	2022-23
A Process for Fabrication of A Biosensor Chip and Product Thereof	Level 3	2022-23
A Process for Fabrication of A Reducedgraphene Oxide Electrode	Level 3	2022-23
Raw Milk Microbial Quality Assessment Using Polyaniline Doped Copper Phthalocyanine Based Gas Sensor	Level 3	2022-23
A Mono-leaflet Prosthetic Heart Valve	Level 3	2022-23
Sustainable protective defence apparels	Level 3	2022-23
Design and Development of Autonomous VTOL with modular payloads	Level 3	2022-23
Developed a real-time interaction platform using metaverse technology that serves as a free-to-play battle video game on an Indian theme named MAIDAAN.	Level 3	2022-23
Developed a system for effective household waste segregation	Level 3	2022-23

Designing, engineering and assembling retrofitted electric vehicles	Level 3	2022-23
Novel Multitasking Multiaxis CNC Turning Machine_Both Control & Machine	Level 3	2022-23
Develop real-time monitoring solutions	Level 3	2022-23
Automated Separation Technology based on Machine Vision for the economical production of high purity Phytochemical Reference Standards	Level 3	2022-23
Developing polymeric and ceramic materials as regenerative therapies for tissue damage focussing	Level 3	2022-23
smart farming solutions for farmers and solar-powered hydroponics integration, agricultural marketing, and precision farming.	Level 3	2022-23
Advanced high-yielding apple varieties	Level 3	2022-23
Krishi Mandi- A Data driven AI Optimised agri-supply chain plattform	Level 3	2022-23
Able Glasses- the world's first smart aid glasses for the Deaf, Mute & Blind people	Level 3	2022-23
Security information and event management for small medium business	Level 3	2022-23
Processing of the plastic waste with no residue based on the pyrolysis-based technology to generate pyrolytic oil and blending it for meeting the standards for use.	Level 3	2022-23
Sustainable bio-fibre which will fulfill the requirement of raw material utilised by packaging industry, tableware industry, etc.	Level 3	2022-23
Anti-Drone detection and destroy	Level 4	2022-23
Development of stealth technology and EMI shielding technologies	Level 4	2022-23
FitBuddy provides Virtual personal trainer for workouts to ensure 300% improvement in outcome at 20% of cost using patented AI.	Level 4	2022-23
Wind Panel for environment and renewable energy generation	Level 4	2022-23
UPLIFT- Effortless mobility through AI and IoT-based stair lifts and wheelchairs.	Level 4	2022-23
Working on minimally invasive cancer pre-screening devices based on patented biophotonics technology.	Level 4	2022-23
Developing platelet concentrator and segregator device	Level 4	2022-23
DeeScope - visualization of complete lower genital tract for anatomical/pathophysiological abnormalities (magnified vision) and incorporates this with cytological sampling for cervical cancer screenin	Level 4	2022-23
Jaw Opening device and a multipurpose Proctoscope	Level 4	2022-23
Developing ELISA kit (Sera) which detects tiger moth-specific IgE antibodies from fever patients	Level 4	2022-23
Developinhg MEMS and microfluidic devices for semiconductor and biomedical companies	Level 4	2022-23
Gau Rakshak, a purpose-led farmer-centric connected platform helping farmers to avail right practices at the farm including balanced feed nutrition, veterinarian, breeding, advisory services etc.	Level 4	2022-23
Non-invasive, portable, radiation-free early breast cancer screening device with a non-invasive blood flow biosensor	Level 4	2022-23
NON-INVASIVE PRENATAL TESTING (NIPT)	Level 4	2022-23
Treacle created an Autonomous SOAR Engine for Honeypots deployment and got recognized by the international scientific community. The prototype of The Treacle MUTACON System is developed to protect inf	Level 4	2022-23

secure software-defined wide area network	Level 4	2022-23
Cyber risk measurement, modelling, and pricing engine	Level 4	2022-23
cyber risk management	Level 4	2022-23
Crime Scene Management tool that includes a Complete operational law enforcement platform that provides data management, advanced analytics, and operational solutions. For gathering and managing intel	Level 4	2022-23
Enhanced lightweight solutions for resource-constrained devices that fit in the IoT environment	Level 4	2022-23
Adaptive Identity Verification and Continuous Monitoring via dynamics of movement and touch.	Level 4	2022-23
Cyber Security Product and Services for monitoring external threat	Level 4	2022-23
Transformation of the lithium-ion battery supply chain by offering large-scale sources of these domestic materials produced from recycled batteries and supplemented with sustainably mined material.	Level 4	2022-23
Anti-Espionage and EMP Hardening of critical assets	Level 5	2022-23
Revolutionizing oral care and diagnostics through our innovative smart toothbrush and complete oral care kit	Level 5	2022-23
PleuraGoh, a chest drain management system that addresses a health complication that arises due to medical treatment	Level 5	2022-23
plug-and-play device for urinal and toilet to track their health records	Level 5	2022-23
Pregahunt's hCG-integrated paper-based funnel and specializes in solving unaddressed menstrual, intimate, and toilet hygiene	Level 5	2022-23
Hand held X-ray device	Level 5	2022-23
A proprietary technology for rhizome processing to enhance the shelf life and quality of the product and to raise curcumin retention percentage.	Level 5	2022-23
Compostable polymer resin using chicken feather to replace a few specific single-use plastic application	Level 5	2022-23
Monitoring of road constructions using drones	Level 5	2022-23
Screening Neo natal jaundice using a smartphone	Level 5	2022-23
Law review platform	Level 5	2022-23
Screening mental health disorders using voice based samples	Level 5	2022-23
The Company deals in the business of UAV Security. Varun is a smart surveillance and interceptor drone capable of multi-modal sensing and deep learning event analysis of cyber and physical events to p	Level 5	2022-23
Drone based service provider company specialized in solving real world problems using their expertise in contemporary UAV technology.	Level 5	2022-23
Bug bounty Platform	Level 5	2022-23
The xTen CyberGuard solution works as a Front-line defender of the enterprise and helps enforce an Integrated Cyber Defense mechanism with the following key features:Automated platform for threat inte	Level 5	2022-23
Secure, smart and connect home IoT devices	Level 5	2022-23
Device for analysing and monitoring water quality through easy to use colorimetric test-strip, based on smart-phone technology that screens multiple important water quality parameters in less than 2 m	Level 5	2022-23

India's first full-stack waste management operating system to track daily door-to-door waste collection service, source segregation traceability, and tracing the amount and type of waste collected at t	Level 5	2022-23
Assesment management through cyber security solutions	Level 5	2022-23
GPS Spoofing for Anti-Drone Applications	Level 6	2022-23
Smart Energy Management Systems	Level 6	2022-23
Energy Storage space using Gravity	Level 6	2022-23
Delivering innovative intelligent robotic solutions in the healthcare space	Level 6	2022-23
Making Human-Machine Interaction HMI truly Touchless.	Level 6	2022-23
Creating Innovative Solutions for IT Infrastructure Management using AI/ML Technologies	Level 6	2022-23
pre-eclampsia detection kit, prenatal screening test and PROM detection kit.	Level 6	2022-23
Assistive Oral Care Device for disabled and elderly people	Level 6	2022-23
Bio packaging material "Bio-Col" using agricultural wastes burnt by farmers.	Level 6	2022-23
Developing an end-to-end solution in the Neurology healthcare ecosystem specifically dementia.	Level 6	2022-23
Vein analyzer device	Level 6	2022-23
Hemp processing units which include Hemp Seed Oil, Hemp Biofuels, Hemp Plastics, Hemp Composites, Textile, Paper, CBD, Hemp Nutraceuticals & Hempcrete.	Level 6	2022-23
Following the principle of Nadi Pariksha an Ayurvedic technique that uses pulse frequency to discover physical, mental, and emotional imbalances as well as diseases in the human body	Level 6	2022-23
An application to assist children diagnosed with Dyslexia and Dysgraphia	Level 6	2022-23
Exhaled Breath Diagnosis Device (Model: NODex)	Level 6	2022-23
A smart sock for real-time monitoring of temperature, pressure and GAIT of the foot to help prevent podiatric ailments like foot ulceration.	Level 6	2022-23
Threat Spy	Level 6	2022-23
Industrial Network Monitoring Solution	Level 6	2022-23
Multicopter Drones for Aerial Mapping and Surveillance. Hybrid VTOL delivery drones are equipped to carry heavy payloads ranging from 5-20 kgs and can conveniently cover distances up to 100 km	Level 6	2022-23
Cyber Range on security, malware analysis, network security threat intelligence and popular cyber-attacks	Level 6	2022-23
Digital forensic and cyber security product development	Level 6	2022-23
Use of bamboo and natural fiber composites, replacing plastics and metals in various applications.	Level 6	2022-23
CBG or biomethane, is a clean, green, and renewable fuel that can be used as a transport fuel or industrial fuel as well as a cooking fuel.	Level 6	2022-23
A biodegradable alternative to the synthetic super-absorbent polymers (SAP) used in sanitary pads.	Level 6	2022-23
Web and mobile applications providing on-demand waste collection and recycling services for different waste types (food, biodegradable, scrap, electronics, debris, etc.)	Level 6	2022-23

A unique domestic air purifier which creates a hyperlocal clean air zone by filtering air off its harmful components and also capturing carbon.	Level 6	2022-23
Sensor fusion functionality for Anti Drone Defence systems	Level 7	2022-23
Design and Manufacturing of Aerospace and Defence and UAV	Level 7	2022-23
Powergrid Cybersecurity - secure electric power substations from cyberattacks	Level 7	2022-23
Smart hybrid clean energy system with DER based Tech Platform for controlling & managing supply & demand of clean energy	Level 7	2022-23
Development of charging infrastructure, smart grid integration, intelligent autonomous robot chargers, consumer electronic chargers, biosensors, smart high power transfer wireless chargers for EV's.	Level 7	2022-23
Developing machines used in Surface Mounted (SMD) component assembly	Level 7	2022-23
Gaatha is an audio platform - a modern Gateway to connect us with the world of literature	Level 7	2022-23
Developing vegan based meat products	Level 7	2022-23
Converting non-recyclable plastic waste into 100% recyclable construction materials.	Level 7	2022-23
Development of A Portable CPAP (Continuous positive airway pressure) machine to help Sleep Apnea/COPD patients	Level 7	2022-23
Assistive Technology learning platform for Autism Spectrum Disorder(ASD) and special education	Level 7	2022-23
Creating pocket-friendly, speech-based technology platforms using AI, ML, and NLP technologies to transform the healthcare documentation and reporting landscape	Level 7	2022-23
SMART-INSOLE having integrated sensors to collect movement data	Level 7	2022-23
An affordable, accessible systems for monitoring and risk prediction of neurodegeneration	Level 7	2022-23
AI engine for credit score for the unorganised sectors, blockchain ecosystem of lenders, borrowers, insurers and ecosystem partners.	Level 7	2022-23
Artificial Intelligence (AI) / Machine Learning (ML) products for optimizing last-mile operations in large industries.	Level 7	2022-23
Napid - one touch authenticator	Level 7	2022-23
Extended Security operation centre	Level 7	2022-23
Blockchain forensic, Transaction monitor and tracing	Level 7	2022-23
Secure physical hardware crypto solution based on the latest VLSI technology	Level 7	2022-23
App to help the workers to get respectable (know your rights, grievance redressal, rules, enhanced communication) and worthy (micro-financing, skill development, expert-aga advice, government policie	Level 7	2022-23
Aloe E-cell has developed aloe vera batteries, an eco-friendly alternative to traditional batteries. They are also working towards collecting and recycling used dry cell batteries, which end up in lan	Level 7	2022-23
An innovative technology that combines plastic and other wastes to make lightweight,damp-proof, and durable bricks and paver blocks.	Level 7	2022-23
Design and Development of High altitude UAV	Level 8	2022-23
Development and launch of specialized inks and educational kits	Level 8	2022-23
Offers deep tech & skills for solution of social issues	Level 8	2022-23

3D CFD Ventilation Simulation Software	Level 8	2022-23
Developed a patented biofertilizer and a complete range of inputs like health regulator, growth promoter, bio pest & fungal control agents	Level 8	2022-23
POCT which is capable of analyzing more than 25 parameters for the diagnosis of Kidney, Live Agreementr, Pancreas, Heart problems	Level 8	2022-23
Developed a technology named CHECKO which allows the use of QR codes which is unclonable solution.	Level 8	2022-23
Developing innovative attachments for Power Weeder/ Tillers.	Level 8	2022-23
Tractill, power tiller cum mini tractor for various farm operations, Sugarcane Juice Extracting Machine.	Level 8	2022-23
BIONICLI a upper limb prosthetic hand with six grip patterns	Level 8	2022-23
Farmology, which is a tech enabled full stack platform to enable farmers with accurate advisory, agri-inputs and output market linkages	Level 8	2022-23
OCR sheet based evaluation of handwritten answers of UPSC aspirants	Level 8	2022-23
AI platform to automate visual quality inspection	Level 8	2022-23
Image segmentation and other AI tools	Level 8	2022-23
Cloud Optimo, which includes OptimoSecurity, which enables businesses to identify and mitigate risks via security assessments and automated compliance monitoring.	Level 8	2022-23
The company employs Design Thinking, Creativity, Innovation, and an Analytical Approach to solve challenging problems in drone manufacturing.	Level 8	2022-23
Cyber Risk Intelligence Center (CRIC) designed to address Gaps in Existing Solutions in Incident Response, Threat Intel & Internal Health using Automation, Aggregation & AI Techniques for IT and Indu	Level 8	2022-23
Smart wallet and an authentication	Level 8	2022-23
Next Generation Zero Trust Network Access (ZTNA) products, powered with HPAAs technology which makes them The Fastest ZTNA solution on planet along with advanced Endpoint Compliance & Host Scanning eng	Level 8	2022-23
Cybersecurity Threat monitoring	Level 8	2022-23
An automated hygiene management system that generates harmless, recyclable output outof used sanitary napkins.	Level 8	2022-23
Develop and manufacture advanced robots for heavy industry, health-tech, defense and agri-tech.	Level 9	2022-23
Develops a high performance UHMwPE (Ultra High Molecular Weight Polyethylene) fibres for bullet proof and anti-ballistic applications using gel-spinning technique.	Level 9	2022-23
Design, development and manufacturing of high efficiency motors and smart controllers for applications like Electric Vehicles, Consumer appliances, Industrial applications and Aerospace & Defence	Level 9	2022-23
Infrastructure projects for providing “deck over water”	Level 9	2022-23
Antimicrobial Air purifier by using patented SAVE (Sanitizer for Airborne Virus Elimination Technology) Technology and DCD (Deactivate-Capture-Deactivate) Mechanism	Level 9	2022-23
IOT Enabled automatic dispensing machine to serve panipuri in a contactless manner.	Level 9	2022-23
Automatic Aeroponics Stacks for balcony gardening	Level 9	2022-23

production of Poorti kit that provides post mastectomy rehabilitation of breast cancer patients using light-weight and low-cost breast prostheses.	Level 9	2022-23
Developed a storage chambers ' Sabzikothi' for extending the shelf life of perishable horticultural produce.	Level 9	2022-23
Portable soil testing device Bhu-Parikshak	Level 9	2022-23
Navyakosh, Krishikosh, Ziva biofertilizer contains concentrated microbes consortium, nanoparticle and organic super absorbent polymers.	Level 9	2022-23
herbal drops by extracting the active compounds of herbs and spices	Level 9	2022-23
Voice-enabled, assistive mobile app for blind people	Level 9	2022-23
A platform to streamline the drug and materials discovery processes by integrating data from multiple sources	Level 9	2022-23
Safety sensors and factory floor optimization tool for industries	Level 9	2022-23
Video streaming, analytics and cloud storage services	Level 9	2022-23
T-Sanct product Integrite is intended to fight the issues of cyber threats, spreading of misinformation, privacy and data breaches negative campaigns using big-data and artificial intelligence.	Level 9	2022-23
secured Industrial control solutions	Level 9	2022-23
The company is a Global Information Security company providing innovative security solutions and cybersecurity compliance services.They provide Strong Mobile Centric Out of Band(OOB) Authentication an	Level 9	2022-23
Dhaara Smart, an ultrasonic smart water meter with range from DN 25 to DN 250 enabled with cellular communication, along with Dhaara Live, a dashboard platform that allows users to view, track, and an	Level 9	2022-23
Production of Green Steel by recycling steel waste, utilising a sustainable technology by which GHG's are minimized, the environment safeguarded and a circular economy put in place.	Level 9	2022-23
Building novel, cost-efficient & sustainable batteries for utility & mobility markets. The product 'ZincGel® battery' is packed with breakthrough innovations that enable it the performance of lithium-	Level 9	2022-23
Bio-composting of Horticulture & Organic waste into Manure Indigenously (BHOOMI)	Level 9	2022-23
The Lipon Inverter, a new and innovative device which helps to store electricity and reduce carbon footprint.	Level 9	2022-23
An on-site, low cost and sustainable solution for recycling residential greywater.	Level 9	2022-23
Promotion of heritage education through content, olympiad, excavation kits and virtual experiences.	Level 9	2022-23
Processing of electronic waste through stages of refurbishing, recovery & recycling to achieve optimum utilization of e-products & reduce electronic waste.	Level 9	2022-23
Helping waste generators like hotels, restaurants, and cafes (HORECA), etc., by providing training and infrastructure for waste segregation at the source.	Level 9	2022-23
Upcycling waste plastic into bags and wrappers via a unique weaving process using atraditional Charkha and Handloom to make premium handcrafted items.	Level 9	2022-23
A range of eco-friendly, non-plastic, climate-positive products created by employing marginalized communities.	Level 9	2022-23

Ventures/startups grown to turnover of 50 lacs

Name of startups	Company's Turnover	Financial Year
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Acquafront Infrastructure Private Limited	15100000	2020-21
AgroNxt Services Pvt Ltd	7188500	2020-21
Industill Farmtech Pvt Ltd	12000000	2020-21
Surobhi Agro Industries Pvt Ltd	11500000	2020-21
Endure air Systems Private Limited	19700000	2020-21
RCUBE RECYCLING PRIVATE LIMITED	8500000	2020-21
ReCircle (Swachh Sustainable Solutions Pvt Ltd)	60000000	2020-21
Spruce Up Industries Private Limited	20700000	2020-21
Strawcture Eco Pvt. Ltd.	23000000	2020-21
WeVOIS Labs Pvt. Ltd	45000000	2020-21
Acquafront Infrastructure Private Limited	75700000	2021-22
Aarna Biomedical Products Pvt Ltd	10000000	2021-22
Mildcares	5500000	2021-22
Transpacks Technologies Pvt. Ltd.	22300000	2021-22
Industill Farmtech Pvt Ltd	25000000	2021-22
Surobhi Agro Industries Pvt Ltd	18300000	2021-22
Asatrobo Technologies Private Limited	13000000	2021-22
Endure air Systems Private Limited	21900000	2021-22
BBBS Cyber Security Private Limited	12500000	2021-22
Aethrone Aerospace Private Limited	10000000	2021-22
T-Sanct Technologies Private Limited	13300000	2021-22
Resonant Electronics Private Limited	5700000	2021-22
Cybernexa Infotech Private Limited	9000000	2021-22
RCUBE RECYCLING PRIVATE LIMITED	15000000	2021-22
Kritsnam Technologies Private Limited	13200000	2021-22
MuddleArt Pvt Ltd	11252000	2021-22
ReCircle (Swachh Sustainable Solutions Pvt Ltd)	133000000	2021-22
Spruce Up Industries Private Limited	29600000	2021-22
Strawcture Eco Pvt. Ltd.	28800000	2021-22
WeVOIS Labs Pvt. Ltd	99000000	2021-22
Nellikka Complete Solutions Pvt Ltd	8016000	2021-22
PadCare Labs	7000000	2021-22
Rosa Technology Private Limited	7100000	2022-23

Indeema Fibres Private Limited	7600000	2022-23
Acquafront Infrastructure Private Limited	85800000	2022-23
Airth Research Pvt Ltd	10500000	2022-23
Aarna Biomedical Products Pvt Ltd	8500000	2022-23
Embright Infotech Pvt. Ltd.	10700000	2022-23
Bomlife Pvt Ltd	5000000	2022-23
Mildcares	11800000	2022-23
Transpacks Technologies Pvt. Ltd.	30000000	2022-23
AgroNxt Services Pvt Ltd	14200000	2022-23
Agrowsure Products And Innovations Pvt Ltd	5500000	2022-23
Industill Farmtech Pvt Ltd	49000000	2022-23
LCB Fertilizers Pvt Ltd	12000000	2022-23
Surobhi Agro Industries Pvt Ltd	21000000	2022-23
Asatrobo Technologies Private Limited	13000000	2022-23
Endure air Systems Private Limited	100000000	2022-23
BBBS Cyber Security Private Limited	70000000	2022-23
Aethrone Aerospace Private Limited	100000000	2022-23
T-Sanct Technologies Private Limited	32500000	2022-23
Xpanso Technologies Private Limited	14000000	2022-23
Aerosys Aviation India Private Limited	5500000	2022-23
Resonant Electronics Private Limited	5167000	2022-23
Cybernexa Infotech Private Limited	9000000	2022-23
Saptang Labs Private Ltd	16200000	2022-23
RCUBE RECYCLING PRIVATE LIMITED	25000000	2022-23
Kritsnam Technologies Private Limited	66900000	2022-23
Ecowrap	15400000	2022-23
EcoKaari Private Limited	16455000	2022-23
MuddleArt Pvt Ltd	23996000	2022-23
Quality Decor Dzines Pvt Ltd	10400000	2022-23
ReCircle (Swachh Sustainable Solutions Pvt Ltd)	250000000	2022-23
Spruce Up Industries Private Limited	80300000	2022-23
Strawcture Eco Pvt. Ltd.	33500000	2022-23
WeVOIS Labs Pvt. Ltd	200000000	2022-23

Nellikka Complete Solutions Pvt Ltd	9984000	2022-23
PadCare Labs	25000000	2022-23

Alumni that are Founders of Forbes/Fortune 500 companies

Name of the Alumni	Program passed from	Year of passing	Founder of company	Year in which company appeared in Forbes / Fortune 500
Nagavara Ramarao Narayana Murthy	MTECH	1969	Infosys	2022

Pre-incubation:expenditure/income

Financial Year	2022-23	2021-22	2020-21
Number of Pre-incubation units	2	2	2
Expenditure on pre-incubation activities	10901735	16357719	355435
Income generated by institution through pre-incubation activities	10901735	16357719	355435

Incubation:expenditure/income

Financial Year	2022-23	2021-22	2020-21
Number of Incubation units	2	2	1
Expenditure on Incubation activities	223335785	183268721	64454804
Income generated by institution through Incubation activities	239372055	198256461	74279847

FDP

Academic year	Title of Course	FDP Sponsored /Supported by	Certificate Program Offering Department/Centre/ Unit Name	Program Start Date	Program End Date
2021-22	Teaching Skills at ITI	State Govt. Agency	SIIC (Institute Incubator)	2021-12-13	2021-12-24
2021-22	Enhancing learning skills	State Govt. Agency	SIIC (Institute Incubator)	2022-01-03	2022-01-15
2021-22	Introduction to Futuristic Research and Innovations	Self Sponsored/Supported	Center for Continuing Education	2022-02-07	2022-02-11
2020-21	Startup Master Class	Self Sponsored/Supported	SIIC (Institute Incubator)	2021-04-21	2021-04-25
2021-22	Challenges and Opportunities before Youth with Technical Education and Present and Post Covid Situations	Self Sponsored/Supported	Center for Continuing Education	2021-11-22	2021-11-26
2020-21	Introduction to entrepreneurship	Central Govt. Agency	SIIC (Institute Incubator)	2021-01-20	2021-01-30
2020-21	Innovation Launchpad	Industry/Non-Govt.	SIIC (Institute Incubator)	2021-02-25	2021-03-21
2021-22	Workshop on IPR	State Govt. Agency	C3i Hub, IITK	2022-04-03	2022-04-08
2021-22	Workshop on Legal Documents for startups	State Govt. Agency	C3i Hub, IITK	2022-04-11	2022-04-20
2020-21	Introduction to Entrepreneurial competencies and soft skills	Central Govt. Agency	SIIC (Institute Incubator)	2020-12-06	2020-12-11
2021-22	Intrapreneurship and Sustainable Culture of Innovation	Central Govt. Agency	SIIC (Institute Incubator)	2021-10-11	2021-10-16

2022-23	Fortech Industry-Academia Talk Series	State Govt. Agency	IIT Kanpur Research and Techno	2023-10-13	2023-10-15
2021-22	Mentoring in Government Schools of Uttar Pradesh	Self Sponsored/Supported	Center for Continuing Education	2022-04-06	2022-07-05
2022-23	Technocruise	Self Sponsored/Supported	Center for Continuing Education	2022-11-04	2022-11-05
2022-23	Karyashala (Mechatronics and Microfabrication)	Self Sponsored/Supported	Center for Continuing Education	2022-12-05	2022-12-15
2021-22	Future of Skills in emerging Economy	Central Govt. Agency	SIIC (Institute Incubator)	2021-10-21	2021-10-21
2021-22	Industry 4.0 shift and Technology Trends	Central Govt. Agency	SIIC (Institute Incubator)	2021-10-22	2021-10-22
2022-23	Recent Trends in Cancer Research and Precision Medicine	Self Sponsored/Supported	Center for Continuing Education	2022-12-16	2022-12-18
2021-22	Faculty Development Program (FDP) in Advances in Metal and Metamaterial 3D Printing	Self Sponsored/Supported	Center for Continuing Education	2021-07-16	2021-07-20
2021-22	Flexible Electronics - 2021	Self Sponsored/Supported	Center for Continuing Education	2021-09-18	2021-09-20

Academic Courses in Innovation, Entrepreneurship and IPR

Academic year	Title of Course	Course Code	Type of Course	Level of Course(UG/PG/PhD)	Course Offering Department/Centre/ UnitName	Total Credit Score
2020-21	MANAGEMENT OF DESIGN AND INNOVATION	DES627A	Elective Course	UG/PG/PhD.	Department of Design	6
2021-22	MANAGEMENT OF DESIGN AND INNOVATION	DES627A	Elective Course	UG/PG/PhD.	Department of Design	6
2022-23	MANAGEMENT OF DESIGN AND INNOVATION	DES627A	Elective Course	UG/PG/PhD.	Department of Design	6
2020-21	Need and Innovation	DES 633	Elective Course	UG/PG/PhD.	Department of Design	6
2021-22	Need and Innovation	DES 633	Elective Course	UG/PG/PhD.	Department of Design	6
2020-21	PRODUCTIVITY AND EFFICIENCY ANALYSIS	IME709A	Core Course	PG	Department of Management Sciences	5
2021-22	PRODUCTIVITY AND EFFICIENCY ANALYSIS	IME709A	Core Course	PG	Department of Management Sciences	5
2020-21	MANUFACTURING STRATEGY	MBA622A	Elective Course	PG	Department of Management Sciences	6
2021-22	MANUFACTURING STRATEGY	MBA622A	Elective Course	PG	Department of Management Sciences	6
2020-21	MARKETING MANAGEMENT	MBA631A	Elective Course	PG	Department of Management Sciences	6
2021-22	MARKETING MANAGEMENT	MBA631A	Elective Course	PG	Department of Management Sciences	6
2022-23	MARKETING MANAGEMENT	MBA631A	Elective Course	PG	Department of Management Sciences	6
2020-21	MARKETING RESEARCH	MBA633A	Elective Course	PG	Department of Management Sciences	6
2021-22	MARKETING RESEARCH	MBA633A	Elective Course	PG	Department of Management Sciences	6

2022-23	MARKETING RESEARCH	MBA633A	Elective Course	PG	Department of Management Sciences	6
2020-21	CONSUMER BEHAVIOUR	MBA634A	Elective Course	PG	Department of Management Sciences	6
2021-22	CONSUMER BEHAVIOUR	MBA634A	Elective Course	PG	Department of Management Sciences	6
2022-23	CONSUMER BEHAVIOUR	MBA634A	Elective Course	PG	Department of Management Sciences	6
2020-21	MARKETING OF SERVICES	MBA734A	Core Course	PG	Department of Management Sciences	6
2020-21	BUSINESS TO BUSINESS MARKETING	MBA731A	Elective Course	PG	Department of Management Sciences	6
2021-22	BUSINESS TO BUSINESS MARKETING	MBA731A	Elective Course	PG	Department of Management Sciences	6
2022-23	BUSINESS TO BUSINESS MARKETING	MBA731A	Elective Course	PG	Department of Management Sciences	6
2020-21	ENTERPRISE INTEGRATION WITH IT	MBA646A	Elective Course	PG	Department of Management Sciences	6
2021-22	ENTERPRISE INTEGRATION WITH IT	MBA646A	Elective Course	PG	Department of Management Sciences	6
2022-23	ENTERPRISE INTEGRATION WITH IT	MBA646A	Elective Course	PG	Department of Management Sciences	6
2020-21	BUSINESS PROCESS MANAGEMENT	MBA647A	Elective Course	PG	Department of Management Sciences	6
2021-22	BUSINESS PROCESS MANAGEMENT	MBA647A	Elective Course	PG	Department of Management Sciences	6
2022-23	BUSINESS PROCESS MANAGEMENT	MBA647A	Elective Course	PG	Department of Management Sciences	6
2020-21	MANUFACTURING PLANNING AND CONTROL	MBA665A	Elective Course	PG	Department of Management Sciences	6
2021-22	MANUFACTURING PLANNING AND CONTROL	MBA665A	Elective Course	PG	Department of Management Sciences	6
2020-21	PRODUCT AND BRAND MANAGEMENT	MBA685A	Elective Course	PG	Department of Management Sciences	6
2020-21	PRODUCT DESIGN AND NEW PRODUCT MANAGEMENT	VLM601	Core Course	PG	Department of Management Sciences	5
2021-22	PRODUCT DESIGN AND NEW PRODUCT MANAGEMENT	VLM601	Core Course	PG	Department of Management Sciences	5
2022-23	PRODUCT DESIGN AND NEW PRODUCT MANAGEMENT	VLM601	Core Course	PG	Department of Management Sciences	5
2022-23	INTEGRATED PRODUCT DEVELOPMENT I	DES633A	Elective Course	PG	Department of Design	6
2022-23	BRAND MANAGEMENT	MBA733A	Elective Course	PG	Department of Management Sciences	6
2022-23	Stochastic Elements of Business	MBA931	Core Course	PG	Department of Management Sciences	5

Faculty Details

Number of faculty members entered

655