

National Institutional Ranking Framework

Ministry of Education

Government of India

Data Submitted by Institution for India Rankings '2024'

Institute Name: Indian Institute of Technology Delhi [IR-I-I-1074]

Sanctioned (Approved) Intake

| Academic Year | 2022-23 | 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|-------------------------|---------|---------|---------|---------|---------|---------|
| UG [4 Years Program(s)] | 1093 | 1093 | 1071 | 938 | - | - |
| UG [5 Years Program(s)] | 116 | 116 | 126 | 123 | 109 | - |
| PG [2 Year Program(s)] | 1798 | 1731 | - | - | - | - |

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)] | 3474 | 838 | 4312 | 421 | 3890 | 1 | 379 | 2232 | 119 | 1705 | 200 | 587 |
| UG [5 Years Program(s)] | 537 | 122 | 659 | 58 | 601 | 0 | 44 | 345 | 7 | 255 | 35 | 92 |
| PG [2 Year Program(s)] | 2912 | 656 | 3568 | 224 | 3265 | 79 | 277 | 1446 | 147 | 568 | 63 | 945 |

Start up recognized by DPIIT/startup India

| Name of Venture | Year of recognition by DPIIT/startup India | DPIIT/Start up India Registration No. |
|--------------------------------------|--|---------------------------------------|
| Vecmocon Technologies Pvt Ltd | 2022-23 | DIPP1853 |
| TENSOR DYNAMICS PVT LTD | 2022-23 | DIPP56223 |
| Dweepi Innovations Pvt Ltd | 2022-23 | DIPP37977 |
| Calvem Energy | 2022-23 | DIPP78754 |
| QUANTEON POWERTRAIN PVT LTD | 2022-23 | DIPP28670 |
| Creditas Solutions Pvt Ltd | 2022-23 | DIPP1593 |
| Capattery | 2022-23 | DIPP61012 |
| Recaff Pvt Ltd | 2022-23 | DIPP85246 |
| HyperX Energy Pvt Ltd | 2022-23 | DIPP20711 |
| Papli Labs Pvt. Ltd. | 2022-23 | DIPP57932 |
| Genelek Technologies Private Limited | 2022-23 | DIPP24599 |
| P3C Technology and Solutions Pvt Ltd | 2022-23 | DIPP45215 |

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| Botlab Dynamics Pvt. Ltd. | 2022-23 | DIPP1995 |
| Hexense Labs Pvt Ltd | 2022-23 | DIPP118258 |
| Ingo Electric Pvt Ltd | 2021-22 | DIPP27535 |
| Fruvetech Pvt Ltd | 2021-22 | DIPP917 |
| Accord Innovation Pvt ltd | 2021-22 | DIPP46489 |
| Care Form Labs Pvt Ltd | 2021-22 | DIPP52433 |
| Dweepi Innovations Pvt Ltd | 2021-22 | DIPP37977 |
| Cluix Pvt Ltd | 2021-22 | DIPP96596 |
| Cutting Edge Medical Devices Pvt Ltd | 2020-21 | DIPP2276 |
| VIZARA TECHNOLOGIES PVT LTD | 2020-21 | DPIIT1534 |
| ETEX Healthcare | 2020-21 | DIPP43988 |
| TadPole Project pvt Ltd | 2020-21 | DIPP88829 |
| Care Form Labs Pvt Ltd | 2020-21 | DIPP52433 |
| VECROS TECHNOLOGIES PVT LTD | 2020-21 | DIPP33097 |

Startups which have got VC investment in previous 3 years

| Name of startups | Amount received | Organisation Name | Year of receiving VC investment |
|--------------------------------------|-----------------|-------------------------------|---------------------------------|
| Vecmocon Technologies Pvt Ltd | 440000000 | Tiger Global , Blume Ventures | 2022-23 |
| SENSOR DYNAMICS PVT LTD | 11350000 | Padup Ventures Shell | 2022-23 |
| Dweepi Innovations Pvt Ltd | 1500000 | DCIS | 2022-23 |
| Calvem Energy | 4100000 | SISFS (CCD) | 2022-23 |
| Createra Mobility Pvt Ltd | 30000000 | Gems Partner | 2022-23 |
| QUANTEON POWERTRAIN PVT LTD | 140000000 | HNIs | 2022-23 |
| Creditas Solutions Pvt Ltd | 140000000 | Undisclosed | 2022-23 |
| Capattery | 110000000 | HNIs | 2022-23 |
| Recaff Pvt Ltd | 3000000 | SISFS (CCD) | 2022-23 |
| HyperX Energy Pvt Ltd | 35000000 | Undisclosed | 2022-23 |
| Papli Labs Pvt. Ltd. | 24000000 | Undisclosed | 2022-23 |
| Genelek Technologies Private Limited | 32000000 | Undisclosed | 2022-23 |
| P3C Technology and Solutions Pvt Ltd | 20000000 | Thermit | 2022-23 |
| Nanoclean Global Pvt Ltd | 58500000 | The Chennai Angels | 2022-23 |
| CLENSTA International Pvt Ltd | 1000000000 | Undiscosed | 2022-23 |
| Botlab Dynamics Pvt. Ltd. | 184000000 | LV & Florintree | 2022-23 |
| Hexense Labs Pvt Ltd | 12500000 | Undiscosed | 2022-23 |

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| Ingo Electric Pvt Ltd | 32000000 | ARAI | 2021-22 |
| Fruvetech Pvt Ltd | 2500000 | Pusa Krishi, Ministry of Farmerwelfare | 2021-22 |
| Accord Innovation Pvt ltd | 5250000 | C-CAMP | 2021-22 |
| Care Form Labs Pvt Ltd | 5000000 | IIT Delhi Endowment Management Foundation | 2021-22 |
| Dweepi Innovations Pvt Ltd | 2750000 | STPI NGIS Scheme Electropreneur Park | 2021-22 |
| Cluix Pvt Ltd | 2700000 | Ministry of Jal Shakti and Invest India. | 2021-22 |
| Cutting Edge Medical Devices Pvt Ltd | 5000000 | HNIs and Angel Adda | 2020-21 |
| VIZARA TECHNOLOGIES PVT LTD | 1500000 | DST-NIDHISS | 2020-21 |
| ETEX Healthcare | 5000000 | NIDHI DST | 2020-21 |
| TadPole Project pvt Ltd | 100000 | Promoter | 2020-21 |
| Care Form Labs Pvt Ltd | 2500000 | SISFS | 2020-21 |
| VECROS TECHNOLOGIES PVT LTD | 2000000 | 100X.VC | 2020-21 |

FDI investment in previous 3 years

| Name of startups | FDI investment received | Year of receiving FDI investment |
|----------------------------|-------------------------|----------------------------------|
| Asvin Tech Biodent Pvt Ltd | 8600000 | 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 |
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| BIRAC LEAP | 25500000 | 2022-23 |
| BIRAC BIG | 448200000 | 2022-23 |
| SISFS (START UP INDIA) | 21000000 | 2022-23 |
| SPARSH (BIRAC) | 5798000 | 2022-23 |
| NIDHI COE (DST) | 122000000 | 2021-22 |
| BIRAC SEED | 2840000 | 2020-21 |
| Cawach (DST) | 50000000 | 2020-21 |

Patents

| Calendar year | 2022 | 2021 | 2020 |
|--------------------------|------|------|------|
| No. of Patents Published | 108 | 154 | 97 |
| No. of Patents Granted | 88 | 77 | 56 |

Patents Commercialized & Technology Transferred

| Calendar year | 2022 | 2021 | 2020 |
|--------------------------|------|------|------|
| No. of Patents Published | 8 | 11 | 11 |

Innovations at various stages of Technology Readiness Level

| Innovation Name | Stage of technology | Financial Year |
|--|---------------------|----------------|
| A METHOD FOR PREPARING A POLYMER-BASED FILM AND COMPOSITION THEREOF | Level 3 | 2022-23 |
| METHOD AND APPARATUS FOR DDoS ATTACK DETECTION AND MITIGATION IN IOT NETWORK SLICES | Level 3 | 2022-23 |
| A SYSTEM FOR MEASURING AN APPLIED FORCE ON A SURFACE | Level 6 | 2022-23 |
| A MULTIFUNCTIONAL PROTECTIVE BILAYER BIMATRIX COMPOSITE COATING | Level 5 | 2022-23 |
| METHOD AND SYSTEM TO PROTECT CLEAR TEXT TRANSMISSION OF USER IDENTITY IN WIRELESS NETWORKS | Level 3 | 2022-23 |
| HIGH PERFORMING ECO-FRIENDLY RESINS FOR REPLACING PHENOLIC RESINS IN NAO (NON-ASBESTOS ORGANIC)-COPPER-FREE BRAKE-PADS/SHOES/CLUTCH FACINGS | Level 5 | 2022-23 |
| A SYSTEM AND METHOD FACILITATING DISTRIBUTION OF CONTENT IN A CONTENT DISTRIBUTION NETWORK (CDN) | Level 3 | 2022-23 |
| BIMETALLIC AND MONOMETALLIC ADSORBENTS FOR REMOVAL OF TRACE CONTAMINANTS, AND PROCESS FOR PREPARATION THEREOF | Level 3 | 2022-23 |
| DEVICE, SYSTEM AND METHOD FACILITATING LIGHT INTENSITY CONTROL | Level 4 | 2022-23 |
| A METHOD TO CONTROL NITROGEN DOPING IN MICROPOROUS CARBON | Level 3 | 2022-23 |
| A METHOD AND A SYSTEM FOR OPERATING A MICROGRID | Level 4 | 2022-23 |
| A TRANSITION-METAL BASED TETRAVALENT CATIONIC DOPED KTaO_3 PEROVSKITE AND PREPARATION THEREOF FOR A HIGHLY STABLE AND EFFICIENT PHOTOCATALYST | Level 3 | 2022-23 |
| A BIOREACTOR WITH A POROUS FLOATING SUPPORT FOR GROWING A BIOLOGICAL MATERIAL | Level 3 | 2022-23 |
| SYSTEM AND METHOD FOR GREEN SYNTHESIS OF LITHIUM BASED OXIDE (LBO) FOR BATTERY APPLICATIONS | Level 4 | 2022-23 |
| MULTIFUNCTIONAL TEXTILE AND METHOD OF ITS PREPARATION THEREOF | Level 3 | 2022-23 |
| PSEUDOELLIPTIC EVANESCENT-MODE WAVEGUIDE FILTER | Level 3 | 2022-23 |
| AN INTEGRATOR CIRCUIT FOR CURRENT MONITORING SCHEMES AND A METHOD FOR OPTIMIZING FREQUENCY PERFORMANCE | Level 3 | 2022-23 |
| SPRAY-INFILTRATED CARBON-PEROVSKITE SOLAR CELL STACK WITH N-I-P-LIKE JUNCTION FORMATION | Level 3 | 2022-23 |
| PHOSPHINE OXIDE IMMOBILIZED MO_2 NANOSTRUCTURES, AND PREPARATION METHOD THEREFOR AND APPLICATIONS THEREOF | Level 3 | 2022-23 |
| COMPACT EXTERNAL CAVITY DIODE LASER | Level 3 | 2022-23 |
| THERMAL PROTECTIVE PERFORMANCE TESTING INSTRUMENT | Level 5 | 2022-23 |
| A RE-USABLE MULTI-LAYERED ABSORBENT ARTICLE | Level 4 | 2022-23 |
| WAFER-WAFER BONDING USING RECRYSTALLIZED PARYLENE MATERIAL | Level 3 | 2022-23 |
| 3D PRINTED MICROBUBBLE GENERATOR ASSEMBLY | Level 3 | 2022-23 |
| A SYSTEM FOR FABRICATING THREE-DIMENSIONAL (3D) PRINTED COMPONENTS A METHOD THEREOF | Level 3 | 2022-23 |

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| METHOD FOR CONTROLLING STRESS AND UNDER SACRIFICIAL-ETCHING IN MICRO/NANO SIZED ELCTROMECHANICAL DEVICES | Level 3 | 2022-23 |
| A SYSTEM FACILITATING CONTROLLING AND LOCKING OF LASER AND METHOD THEREOF | Level 3 | 2022-23 |
| AN ECO-FRIENDLY SILICA NANOPARTICLES-ZDDP BASED HYBRID NANO-LUBRICANT ADDITIVE AND LUBRICANT FORMULATION THEREOF | Level 4 | 2022-23 |
| AN ADSORBENT MATERIAL AND A METHOD OF PREPARING THEREOF | Level 5 | 2022-23 |
| A PORTABLE FOOTWEAR TRACTION CHARACTERIZATION DEVICE | Level 5 | 2022-23 |
| HyKi TURBINE | Level 5 | 2022-23 |
| A METHOD FOR CONTINUOUS EVALUATION OF THREE-DIMENSIONAL (3D) MOTION PERCEPTION AND A SYSTEM THEREOF | Level 6 | 2022-23 |
| A MULTIFUNCTIONAL CATIONIC DYE AND A METHOD FOR PREPARATION THEREOF | Level 5 | 2022-23 |
| IGNITION PELLETS FOR TLUD COOKSTOVES | Level 6 | 2022-23 |
| METHOD OF HAVING LOW PULL-IN VOLTAGE AND CONTROLLED HYSTERETIC SWITCHING IN MEMS STRUCTURES | Level 3 | 2022-23 |
| A SYSTEM AND METHOD FOR GENERATING HIGH-EFFICIENCY ELECTRICAL-POWER USING SOLAR-PV TOWER WITH REFLECTION CONCENTRATION | Level 4 | 2022-23 |
| BIOCIDAL POLYURETHANE POLYMER AND A METHOD FOR PRODUCTION THEREOF | Level 3 | 2022-23 |
| BASELINE-FREE DAMAGE DETECTION UNDER VARYING TEMPERATURES USING PWAS ACTUATED AND SENSED LAMB WAVES WITHOUT TEMPERATURE COMPENSATION | Level 3 | 2022-23 |
| PROSTHETIC BIOTRIBOMETER | Level 7 | 2022-23 |
| SIDE STAND FOR TWO-WHEELER | Level 7 | 2022-23 |
| IDENTIFICATION OF A NOVEL DNA APTAMER SPECIFIC FOR PROSTATE CANCER ONCOGENE | Level 5 | 2022-23 |
| APPARATUS FOR DETERMINING THE PERFORMANCE OF FIREFIGHTER CLOTHING UNDER WIND-DRIVEN CONDITIONS | Level 4 | 2022-23 |
| SOUND ABSORBING MATERIALS FROM NADES PRETREATED CELLULOSIC MICROFIBRILS | Level 3 | 2022-23 |
| NOVEL RICE HUSK FIBRE REINFORCED STARCH-BASED BIO-COMPOSITE PACKAGING ANTIMICROBIAL PROPERTIES FOR THE EXTENDED SHELF LIFE OF PACKED FOOD | Level 4 | 2022-23 |
| AN ECO-FRIENDLY HIGH CAPACITY BAMBOO COMPOSITE STRUCTURAL MEMBER SUITABLE FOR SEISMIC/WIND RESISTANT MODULAR MULTYSTOREY CONSTRUCTION AND PROCESS OF PREPARATION | Level 5 | 2022-23 |
| A METHOD AND SYSTEM FOR PRODUCING MASTER MOLD FOR MICROFLUIDIC DEVICES | Level 4 | 2022-23 |
| METHOD FOR GENERATING TUNED KNEE TORQUE PROFILE AND A PROSTHETIC LIMB APPARATUS THEREOF | Level 6 | 2022-23 |
| RIVERTECH,HYDROTECH | Level 4 | 2022-23 |
| POWER CONVERTER WITH MULTI-LAYERED COIL | Level 4 | 2022-23 |
| TOTAL ELBOW REPLACEMENT PROSTHESIS FOR INDIAN POPULATION | Level 6 | 2022-23 |

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| A COST-EFFECTIVE EQUIPMENT FOR STUDYING SYNERGISTIC OUTCOME OF CONTACT ELECTRIFICATION AND PHOTOVOLTAIC EFFECT | Level 4 | 2022-23 |
| A SYSTEM AND METHOD FOR REAL TIME MONITORING OF CHARGE VARIANTS OF MONOCLONAL ANTIBODIES USING RAMAN SPECTROSCOPY | Level 5 | 2022-23 |
| A SYSTEM AND METHOD FOR OPTICALLY DETECTING, TRACKING, STATUS AND MONITORING ACTIVITIES OF ASSETS | Level 4 | 2022-23 |
| MECHANICALLY STRONG ANTIMICROBIAL POLYMERIC GELS FOR EFFECTIVE POINT-OF-USE WATER DISINFECTION | Level 5 | 2022-23 |
| HYDROKINETIC TURBINE | Level 4 | 2022-23 |
| A SPLINT DEVICE | Level 6 | 2022-23 |
| COUMARIN COMPOUND AND METHOD OF PREPARATION THEREOF | Level 3 | 2022-23 |
| A RECONFIGURABLE THREE-PHASE SINGLE-STAGE CURRENT FED ELECTROLYTIC CAPACITOR LESS BIDIRECTIONAL CONVERTER FOR ONBOARD EV CHARGING | Level 4 | 2022-23 |
| A TEXTILE-BASED TRIBOELECTRIC NANO-GENERATOR FOR HARVESTING ENERGY | Level 4 | 2022-23 |
| A LENS BASED SCANNER HEAD FOR AGRI-PHOTONICS APPLICATION AND METHOD OF WORKING THEREOF | Level 4 | 2022-23 |
| DETECTION AND MEASUREMENT OF CHLORINE DIOXIDE WITH DATA-DRIVEN MODELLING METHOD | Level 5 | 2022-23 |
| DRAIN EXTENDED NMOS (DENMOS) AND A METHOD THEREOF TO OPTIMIZE PARASITIC BJT TRIGGER VOLTAGE AND SELF-HEATING INDUCED THERMAL RUNAWAY | Level 4 | 2022-23 |
| REDOX FLOW BATTERY AND AN ANOLYTE MATERIAL FOR THE REDOX FLOW BATTERY | Level 4 | 2021-22 |
| REPORTING TOOL FOR MAMMOGRAPHY FOR AI-DRIVEN, IMAGE-BASED STRUCTURED REPORTING | Level 6 | 2021-22 |
| A SULFUR ACTIVATED GRAPHITE ELECTRODE AND METHOD OF PREPARATION THEREOF | Level 6 | 2021-22 |
| NOSTRIL ANALYZER | Level 5 | 2021-22 |
| DESIGN OF AN EFFICIENT MAGNETOSTRICTIVE MATERIAL BASED VIBRATION ENERGY HARVESTER WITH A MODIFIED FLUX PATH | Level 4 | 2021-22 |
| ROBOANALYZER: 3D MODEL-BASED ROBOTICS LEARNING SOFTWARE | Level 5 | 2021-22 |
| TWO STAGE THREE PHASE HIGH RESOLUTION TRANSFORMERLESS HYBRID MULTILEVEL INVERTER FOR GRID CONNECTED SOLAR PV APPLICATION | Level 4 | 2021-22 |
| A HOLOGRAPHIC FILTER BASED ULTRA-LOW FREQUENCY RAMAN SYSTEM WITH MULTI-EXCITATION CAPABILITIES | Level 4 | 2021-22 |
| TEMPERATURE REGULATED SHAPE MEMORY POLYMERS AND A METHOD OF PREPARATION THEREOF | Level 5 | 2021-22 |
| A LITHOGRAPHY FREE FLEXIBLE TACTILE SENSOR FOR FRUIT RIPENESS DETECTION | Level 4 | 2021-22 |
| COUNTER BATTERY SYSTEM TO DETERMINE GEOLOCATION OF ORIGINATING POINT OF UNPOWERED OBJECT AND METHOD THEREOF | Level 4 | 2021-22 |
| APPARATUS FOR EMBOSSING AND A METHOD THEREOF | Level 4 | 2021-22 |
| AN ADDITIVE TO IMPROVE THE TRIBO-PERFORMANCE OF ENGINE OILS, GEAR OILS ,AND GREASES | Level 4 | 2021-22 |

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| GREEN CHEMISTRY METHOD FOR ONE-POT SYNTHESIS OF BIOLOGICALLY ACTIVE 1,1-DI-, TRI-, AND TETRA-SUBSTITUTED ALKANES | Level 4 | 2021-22 |
| REGENERABLE ANODIZED POROUS ALUMINA DEVICE AND A METHOD OF FABRICATION THEREOF | Level 3 | 2021-22 |
| A SYSTEM AND METHOD FOR PROSTHETIC CONTROL | Level 4 | 2021-22 |
| AUTOCLAVE FOR STERILIZATION OF MEDICAL EQUIPMENT | Level 3 | 2021-22 |
| AUTOCLAVE FOR STERILIZATION OF MEDICAL EQUIPMENT | Level 3 | 2021-22 |
| TACTILE DIAGRAM ANALYSER | Level 5 | 2021-22 |
| ENHANCED HYDROGEN YIELD FROM HYDROGEN IODIDE DECOMPOSITION WITH IODINE IMPREGNATED ACTIVATED CARBON AS AN ADSORBENT AND A CATALYST SYSTEM IN INTERMIXED ASSEMBLY | Level 3 | 2021-22 |
| A METHOD FOR TRAINING UPPER LIMB OF SUBJECTS/PATIENTS FOR ACTIVITIES OF DAILY LIVING | Level 3 | 2021-22 |
| A SYSTEM AND METHOD FOR PREPARING ULTRA-THIN SPREAD TOW FIBERS FOR COMPOSITE MANUFACTURING | Level 3 | 2021-22 |
| NEW BIDIRECTIONAL ISOLATED DC-DC CONVERTER FOR EXCHANGING POWER WITH THE DC GRID | Level 3 | 2021-22 |
| SYSTEM FACILITATING POWER SUPPLY IN COMMUNICATION NETWORK AND METHOD THEREOF | Level 3 | 2021-22 |
| AN ORGANIC-ADDITIVE ENABLES HIGHLY-STABLE AND REVERSIBLE SODIUM METAL-ANODE FOR HIGH ENERGY RECHARGEABLE BATTERIES | Level 3 | 2021-22 |
| MINISCREW IMPLANT SUPPORTED BI-HILIX APPLIANCE(MISBA) | Level 6 | 2021-22 |
| TRANSFERRING A FILM FROM A FIRST SUBSTRATE TO A SECOND SUBSTRATE TO ENHANCE DEVICE PERFORMANCE | Level 3 | 2021-22 |
| DEVELOPMENT OF HIGH-PERFORMANCE ECO-FRIENDLY GREASES USING NATURAL RESOURCES | Level 4 | 2021-22 |
| TOTAL ELBOW REPLACEMENT PROSTHESIS SET | Level 5 | 2021-22 |
| TOTAL ELBOW REPLACEMENT PROSTHESIS SET | Level 5 | 2021-22 |
| TOTAL ELBOW REPLACEMENT PROSTHESIS SET | Level 6 | 2021-22 |
| LAVATORY SYSTEM FOR PROCESSING ORGANIC WASTE MATTER | Level 5 | 2021-22 |
| PEPTIDE-BASED MIXTURE COMPOSITION FOR PIEZOELECTRIC ENERGY HARVESTING AND A METHOD OF FABRICATING THE DEVICE | Level 3 | 2021-22 |
| AN ASYMMETRICAL 31-LEVEL INVERTER SYSTEM | Level 3 | 2021-22 |
| MULTI-ANODE ASSEMBLY MICROBIAL FUEL CELL | Level 3 | 2021-22 |
| SYNTHESIS OF NEW ORGANIC-INORGANIC HYBRID MATERIALS AS LIGHT-EMITTING LUMOPHORES, AND DESIGNING OLED DEVICES USING THE SAME | Level 3 | 2021-22 |
| A SYSTEM FOR REGULATING THE POWER GENERATED BY A THREE-PHASE SQUIRREL-CAGE INDUCTION GENERATOR (SCIG) | Level 4 | 2021-22 |
| METHOD FOR MANUFACTURING AN ELECTRODE FROM BIOCHAR OBTAINED FROM PYROLYSIS OF RICE STRAW | Level 3 | 2021-22 |
| A NANOPARTICLE BASED CHROMOGENIC REAGENT AND PREPARATION METHOD, METHODS, AND KITS FOR SEMI- QUANTITATIVE | Level 7 | 2021-22 |

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| APPARATUS AND METHOD FOR DETERMINING MECHANICAL AND ACOUSTIC PROPERTIES OF GEOMATERIAL CONTACTS | Level 5 | 2021-22 |
| A HYBRID POWER SYSTEM FOR CONTINUOUS POWER SUPPLY TO BASE TRANSCEIVER STATION | Level 3 | 2021-22 |
| IMPLEMENTATION OF AC-DC CHARGING OF ELECTRIC VEHICLES (EVs) FROM DISTRIBUTED MICROGRIDS BASED ON SOLAR WIND BATTERY AND FUEL CELL SOURCES | Level 4 | 2021-22 |
| A SINGLE CURRENT SENSOR BASED PHASE CURRENT RECONSTRUCTION OF FOUR-PHASE SWITCHED RELUCTANCE MOTOR | Level 4 | 2021-22 |
| FREE SPACE THZ RADIATION DETECTOR USING SPIN TO CHARGE CONVERSION | Level 6 | 2021-22 |
| 3-DIMENSIONAL TRACKING AND NAVIGATION SIMULATOR FOR NEURO-ENDOSCOPY | Level 6 | 2021-22 |
| PRINTABLE VANADIUM OXIDE (V2O5) INK | Level 3 | 2021-22 |
| A CHELATING COMPOUND AND METHOD OF PREPARATION THEREOF | Level 4 | 2021-22 |
| A FLUID FLOW MEASUREMENT APPARATUS | Level 3 | 2021-22 |
| TUNABLE MICROWAVE PHOTONIC BANDPASS FILTER USING THE MACH ZEHNDER INTERFEROMETER AND STIMULATED BRILLOUIN SCATTERING | Level 3 | 2021-22 |
| PHOTONIC GENERATION OF MULTIBAND DUAL OR CROSS LFM WAVEFORM WITH BANDWIDTH DOUBLING USING A SINGLE DUAL-DRIVE MACH-ZEHNDER MODULATOR | Level 6 | 2021-22 |
| SYSTEM AND METHOD FOR PERSONALIZING FIRST PERSON GAMES USING EGOCENTRIC GAIT TRANSFER | Level 4 | 2021-22 |
| A SURFACE ACTIVE, COMPATIBILIZED AND BIODEGRADABLE ELECTROSPUN MAT | Level 5 | 2021-22 |
| A PROCESS FOR SEQUESTERING OF METAL ION IMPURITIES FROM TRIETHYL BORATE | Level 6 | 2021-22 |
| A SUTURE RESISTANT ANTIMICROBIAL BIODEGRADABLE AND BIOCOMPATIBLE FIBROUS PATCH CONSTRUCTS | Level 6 | 2021-22 |
| AN INTEGRATED FOG-COMPUTING BASED HYBRID AI-ML METHOD AND SYSTEM FOR ENHANCING USER EXPERIENCE TOWARDS TOURISM | Level 3 | 2021-22 |
| GRID-INTERACTIVE SOLAR PV-BATTERY-WIND MICROGRID AND CONTROL METHOD THEREOF | Level 4 | 2021-22 |
| SYSTEM AND METHOD FOR DETECTING CHARACTERISTICS OF AN EMBOSSED SURFACE OF A SHEET | Level 3 | 2021-22 |
| MEMORY DEVICE AND METHOD FOR PERFORMING COMPUTING OPERATIONS WITHIN MEMORY DEVICE | Level 5 | 2021-22 |
| WOUND ROTOR INDUCTION MACHINE DRIVE UNIT | Level 3 | 2021-22 |
| A WIND-SOLAR PHOTOVOLTAIC-BATTERY ENERGY STORAGE BASED HYBRID AC/DC MICROGRID AND AN OPERATION THEREOF | Level 4 | 2021-22 |
| FIELD-EFFECT TRANSISTOR DEVICE AND A METHOD OF FABRICATION THEREOF | Level 5 | 2021-22 |
| SYSTEM FOR SYNCHRONIZING A THREE-PHASE SINGLE STAGE SOLAR ASSEMBLY WITH A POWER GRID | Level 4 | 2021-22 |
| SINGLE PHASE SINGLE STAGE ISOLATED BIDIRECTIONAL CONVERTER FOR DC_LINK CAPACITOR REDUCTION | Level 4 | 2021-22 |

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| AN IMPROVED VENTILATION EXHAUST FAN | Level 4 | 2021-22 |
| PROCESS FOR PRODUCING RECOMBINANT HUMAN PARAOXONASE 1 PROTEIN | Level 3 | 2021-22 |
| SYSTEM FOR WIND BASED ELECTRIC POWER GENERATION, STORAGE AND UNINTERRUPTED DISTRIBUTION UNDER NORMAL AND FAULTY POWERGRID CONDITIONS | Level 4 | 2021-22 |
| MECHANICAL POSITION/SPEED SENSORLESS MULTIPOINT SWITCHED RELUCTANCE MOTOR DRIVE FOR A SOLAR IRRIGATION PUMP | Level 4 | 2021-22 |
| PRIMERS SETS,KIT AND APPLICATIONS THEREOF | Level 5 | 2021-22 |
| A SINGLE-PHASE RESIDENTIAL SOLAR PHOTOVOLTAIC SYSTEM WITH GRID SYNCHRONIZATION | Level 4 | 2021-22 |
| A COMBINED TENSION AND COMPRESSION SPLIT HOPKINSON PRESSURE BAR FOR HIGH STRAIN RATE MATERIAL TESTIN | Level 3 | 2021-22 |
| PROCESS FOR PREPARATION OF NON-FLUORINATED HYDROCARBON BASED SURFACTANTS | Level 5 | 2021-22 |
| METHOD FOR VACUUM PACKAGING OF MEMS SENSORS USING PORE FILLED GETTER | Level 5 | 2021-22 |
| SYSTEM AND METHOD FOR PROVIDING ENERGY MANAGEMENT IN COMMUNICATION NETWORK | Level 3 | 2021-22 |
| SOLID OXIDE ELECTROCHEMICAL CELL WITH CATHODE AS METAL OXIDES AND FABRICATION PROCESS THEREOF | Level 6 | 2021-22 |
| LIQUID CRYSTAL-BASED ELECTRICALLY DRIVEN MULTIDIRECTIONAL LASER BEAM STEERING DEVICE | Level 3 | 2021-22 |
| MICROREACTOR WITH PERMEABLE ELECTRODES FOR PURE HYDROGEN GENERATION | Level 4 | 2021-22 |
| HOMOGENOUS MIXING AND CONTROLLED EJECTION OF MIXTURES OF PARTICULATE MATTER | Level 3 | 2021-22 |
| ENHANCED BRIGHTNESS SOLUTION-PROCESSED INORGANIC ABX3 PEROVSKITE LEDS USING A PEG-PVP ADDITIVE | Level 3 | 2021-22 |
| RESINS FOR APPLICATION ON TEXTILES | Level 6 | 2021-22 |
| FRAMEWORK FOR QUANTITATIVE PENUMBRA ESTIMATION FROM SWI-MRI IN PATIENTS WITH ACUTE STROKE | Level 3 | 2021-22 |
| DEVELOPMENT OF A METHOD FOR SIMULTANEOUS REDUCTION OF NITROGEN OXIDES AND HYDROCARBON EMISSIONS FROM AN INTERNAL COMBUSTION ENGINE | Level 3 | 2021-22 |
| SINGLE DC SOURCE BASED THREE PHASE HIGH RESOLUTION MULTILEVEL INVERTER SYTEM AND ITS METHOD THEREOF | Level 4 | 2021-22 |
| PRINTED CIRCUIT BOARD ANTENNA AND METHOD OF DESIGNING THEREOF | Level 3 | 2021-22 |
| HIGH EFFICIENCY DC-AC CONVERTER TOPOLOGY | Level 3 | 2021-22 |
| PROCESS FOR DEVELOPING INOCULUM AND FUNGAL MYCELIAL BIOMASS OF CALOCYBE INDICA | Level 3 | 2021-22 |
| A CYCLOADDUCT PRODUCT AND A PROCESS FOR ITS SYNTHESIS THEREOF | Level 3 | 2021-22 |
| SWITCHED RELUCTANCE MOTOR FOR ENERGY EFFICIENT INDUSTRIAL EXHAUST FAN | Level 4 | 2021-22 |
| A SENSORLESS SPEED CONTROL SYSTEM FOR SUBMERSIBLE INDUCTION MOTOR | Level 4 | 2021-22 |

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| THREE-DIMENSIONAL STORAGE MEDIUM AND A METHOD FOR THERMAL MANAGEMENT BASED ON LOW POWER STATE | Level 3 | 2021-22 |
| A PROCESS FOR PREPARATION OF A BIOCOMPOSITE MATERIAL | Level 3 | 2021-22 |
| A METHOD FOR SELECTING MULTI-ACCESS EDGE COMPUTING HOST (MECH) AND A SYSTEM THEREOF | Level 3 | 2021-22 |
| A SYSTEM FACILITATING HEALTH MONITORING AND A METHOD THEREOF | Level 3 | 2021-22 |
| A SYSTEM FOR ANONYMIZING CAMERA WEARER'S IDENTITY IN AN EGOCENTRIC VIDEO AND A METHOD THEREOF | Level 4 | 2021-22 |
| BUCKLING INHIBITED ALUMINIUM SHEAR YIELDING DAMPER | Level 5 | 2021-22 |
| DUAL SENSITIVE POLYMERIC NANOPARTICLES | Level 5 | 2021-22 |
| POLYMER COATED METAL PARTICLES AND SYNTHESIS METHOD THEREOF | Level 3 | 2021-22 |
| A SYSTEM FOR CONTROLLING SOLAR PV ARRAYS | Level 4 | 2021-22 |
| A PHOTO-BIOREACTOR WITH CLOSED RECIRCULATION OF FLUID FOR SIMULTANEOUS CULTIVATION OF PHOTOSYNTHETIC MICRO-ORGANISMS AND CONSERVATION OF NUTRIENTS AND A METHOD THEREFOR | Level 3 | 2021-22 |
| A METHOD FOR ALLOCATING CHANNELS FOR LDPC CODES AND A SYSTEM THEREOF | Level 3 | 2021-22 |
| SELF-GENERATED LUBRICIOUS TRIBOLOGICAL COATINGS FROM AN AQUEOUS DISPERSION OF GRAPHENE OXIDE FOR GLASS SURFACES | Level 6 | 2021-22 |
| PERSONAL WEAR ABSORBENT ARTICLE | Level 7 | 2021-22 |
| AT ASSISTECH | Level 3 | 2021-22 |
| AT ASSISTECH | Level 3 | 2021-22 |
| AT ASSISTECH | Level 3 | 2021-22 |
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| AT ASSISTECH | Level 3 | 2021-22 |
| AT ASSISTECH | Level 3 | 2021-22 |
| A WIND POWERED ENERGY GENERATING SYSTEM AND METHOD THEREOF | Level 4 | 2021-22 |
| A MICROGRID CONTROL FRAMEWORK FOR PREVENTING POWER BLACKOUTS | Level 4 | 2021-22 |
| POLLUTION MONITORING SYSTEM AND METHOD THEREOF | Level 4 | 2021-22 |
| SYSTEM AND METHOD FOR OPTIMIZING DATA TRANSMISSION IN A COMMUNICATION NETWORK | Level 4 | 2021-22 |
| A SYSTEM FOR OPTIMIZING ENERGY TRANSMISSION AND A METHOD THEREOF | Level 4 | 2021-22 |
| A METHOD AND SYSTEM OF PARTICLE IMAGE VELOCIMETRY | Level 4 | 2021-22 |
| REUSABLE SANITARY NAPKIN | Level 5 | 2021-22 |
| REUSABLE PANTY LINER | Level 5 | 2021-22 |
| SYSTEM AND METHOD FOR MAKING ELECTRO-CONDUCTIVE FABRIC | Level 4 | 2021-22 |
| A HYBRID WATER PUMPING SYSTEM | Level 4 | 2021-22 |

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| AN APPARATUS FOR DEVELOPING CERAMIC COATING AND A METHOD THEREOF | Level 3 | 2021-22 |
| 3-D STORAGE MEDIUM AND METHOD PROVIDING THERMAL MANAGEMENT | Level 3 | 2021-22 |
| MOBILE SYSTEM FOR PROCESSING ORGANIC WASTE MATTER | Level 3 | 2021-22 |
| A COMPREHENSIVE TOOL FOR THERAPEUTIC INDUCTION OF ENEMA | Level 6 | 2021-22 |
| SENSOR NETWORK FOR AMBIENT AIR QUALITY MONITORING | Level 6 | 2021-22 |
| BIOMASS COOKING STOVES | Level 4 | 2021-22 |
| TRICOMPARTMENTAL MICROCARRIERS FOR MANAGEMENT OF PARKINSON'S DISEASE | Level 5 | 2021-22 |
| NOVEL PH RESPONSIVE BIODEGRADABLE POLYESTERS | Level 4 | 2021-22 |
| A SINGLE PHASE GRID INTERACTIVE SYNCHRONOUS RELUCTANCE MOTOR DRIVEN MULTIPURPOSE AND MULTIFUNCTIONAL SOLAR WATER PUMP | Level 4 | 2021-22 |
| ECO-FRIENDLY AND COPPER FREE FRICTION MATERIALS, BRAKE PADS AND SHOES | Level 3 | 2021-22 |
| A SYSTEM AND METHOD FOR DETECTING, TRACKING AND CLASSIFICATION OF ACTIVITY OF A SUBJECT | Level 3 | 2021-22 |
| GRIPPER TO GRASP OBJECT BY INTERNAL SURFACE INTERACTION | Level 3 | 2021-22 |
| A FLYWHEEL ASSEMBLY WITH FLEXURE ELEMENTS | Level 6 | 2021-22 |
| A RETROFITTED SMART ENERGY METERING DEVICE, METHOD AND A SYSTEM THEREOF | Level 5 | 2021-22 |
| AN INTELLIGENT SUPERVISORY EV CHARGING ARCHITECTURE TO ENABLE CONTINUOUS CHARGING WITH GRID INTERMITTENCY | Level 4 | 2021-22 |
| RECOMBINANT CONSTRUCT, IMMUNOGENIC COMPOSITION AGAINST DENGUE VIRUS AND IMPLEMENTATION THEREOF | Level 5 | 2021-22 |
| MOVING CAR POLLUTION DETECTION DEVICE | Level 6 | 2021-22 |
| FOR A TURBINE BASED LOW-COST VENTILATOR/HI-FLOW NASAL CANNULA | Level 6 | 2021-22 |
| A NOVEL PEPTIDOMIMETIC COMPOUND-BASED INHIBITION OF DIALYSIS RELATED BETA-2-MICROGLOBULIN AMYLOIDOSIS | Level 3 | 2021-22 |
| A HYBRID POWERED AIR CONDITIONING SYSTEM | Level 3 | 2021-22 |
| BIMETALLIC GRAPHITIC CARBON NITRIDE FOR PHOTOELECTRODE AND PREPARATION METHOD THEREOF | Level 3 | 2021-22 |
| CYTOCOMPATIBLE AND INFECTION-RESISTANT POLYMERIC SCAFFOLDS AND METHODS THEREOF | Level 4 | 2021-22 |
| SYSTEM FOR ENHANCING DRIVING RANGE OF A LIGHT ELECTRIC VEHICLE BASED ON SYNCHRONOUS RELUCTANCE MOTOR | Level 4 | 2021-22 |
| SHOULDER IMPLANT | Level 3 | 2021-22 |
| A SYSTEM FOR MODULATING A BRUSHLESS DC MOTOR AND ITS METHOD OF OPERATION THEREOF | Level 4 | 2021-22 |
| A METHOD FOR SEMI-ACTIVE VIBRATION CONTROL OF STRUCTURES | Level 5 | 2021-22 |
| A POROUS CATALYST COMPOSITION AND PROCESSES THEREOF | Level 3 | 2021-22 |
| HYBRID OXYGEN SYSTEM USING PASSIVE AND ACTIVE SYSTEMS | Level 6 | 2020-21 |

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| PROCESS FOR DE-LAMINATING FLEXIBLE MULTILAYER LAMINATES | Level 3 | 2020-21 |
| APPLIANCES CONTROL DEVICES | Level 6 | 2020-21 |
| METAL-ORGANIC FRAMEWORK CATALYSTS, METHOD FOR PREPARATION THEREOF AND PROCESS OF DIRECT OXIDATION USING THE SAME | Level 3 | 2020-21 |
| SYSTEM AND METHOD FOR IMPROVING STEREO VISION ACCURACY | Level 4 | 2020-21 |
| SUB-TERAHERTZ APPARATUS AND METHOD FOR SUBSURFACE MALIGNANT TISSUE IMAGING | Level 3 | 2020-21 |
| CROAM ON,CRIME OFF | Level 3 | 2020-21 |
| CROAM | Level 3 | 2020-21 |
| B-REPORTER | Level 3 | 2020-21 |
| B-REPORTER LOGO | Level 3 | 2020-21 |
| MY NEWS,MY REPORT | Level 3 | 2020-21 |
| C-TYPE MAGNET TOPOLOGY FOR A PERMANENT MAGNET BRUSHLESS DC MOTOR | Level 4 | 2020-21 |
| A STRUCTURE OF FREQUENCY SELECTIVE SURFACE FOR MULTIBAND SPATIAL FILTERING AND BROADBAND POLARIZATION CONVERSION | Level 3 | 2020-21 |
| METHOD OF DESIGNING WINDOWS AND DOORS AND SYSTEM THEREOF | Level 6 | 2020-21 |
| A WIND, SOLAR, DG AND BES BASED ISOLATED MICROGRID WITH COORDINATED CONTROL FOR REMOTE REGIONS | Level 4 | 2020-21 |
| PROCESS FOR PRODUCING FLUOROPOLYMERS USING 2-ALKOXYACETATE SURFACTANTS | Level 6 | 2020-21 |
| HUMAN HEEL SURROGATE FOR BAREFOOT SLIP RISK ASSESSMENT | Level 3 | 2020-21 |
| SINGLE TOWER WITH MIRROR REFLECTION | Level 3 | 2020-21 |
| DOUBLE TOWER WITH MIRROR REFLECTION | Level 3 | 2020-21 |
| TRIPLE TOWER WITH MIRROR REFLECTION | Level 3 | 2020-21 |
| BASE FOR MECHANICAL TRACKING SOLAR TOWER | Level 3 | 2020-21 |
| A FIELD-PORTABLE OPTICAL MICROSCOPIC IMAGING DEVICE FOR AIR QUALITY MONITORING OF PM2.5 AND PM10 AND ITS METHOD OF IMPLEMENTATION THEREOF | Level 6 | 2020-21 |
| ELECTROMAGNETIC ENERGY ABSORBER | Level 4 | 2020-21 |
| A MULTI-METALLIC ADSORBENT FOR REMOVING MERCURY (Hg) FROM GAS STREAMS | Level 3 | 2020-21 |
| GRID INTERFACED SOLAR PHOTOVOLTAIC SYSTEM FACILITATING AUTOMATIC PROTECTION | Level 4 | 2020-21 |
| ELECTRIC THREE WHEELER VEHICLE | Level 4 | 2020-21 |
| CIRCUMFERENTIALLY DISTRIBUTED INTERIOR PERMANENT MAGNET SYNCHRONOUS MOTOR | Level 4 | 2020-21 |
| COMPUTATIONAL CAMERA WITH EXTENDED FIELD OF VIEW | Level 4 | 2020-21 |
| MEMBRANE-LESS TWO-PHASE FLOW MICROFLUIDIC ELECTROLYSIS CELL - FUEL CELL TANDEM OPERATION | Level 3 | 2020-21 |

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| ULTRASONIC-VIBRATIONS AIDED DOUBLE-DISC CHEMICAL-ASSISTED MAGNETORHEOLOGICAL FINISHING PROCESS | Level 4 | 2020-21 |
| ISLANDED SOLAR PV-BES DG SET FOR REMOTE AREAS | Level 4 | 2020-21 |
| HIGH YIELD SYNTHESIS OF 5-HYDROXYMETHYLFURFURAL IN WATER UNDER MICROWAVE CONDITION USING SOLID ACID CATALYST | Level 3 | 2020-21 |
| A CONTAMINATION-FREE NUCLEIC ACID AMPLIFICATION METHOD AND KIT THEREOF | Level 3 | 2020-21 |
| ENERGY EFFICIENT INDUSTRIAL EXHAUST FAN INDUCTION MOTOR | Level 4 | 2020-21 |
| RECONFIGURABLE SOLAR PV-BATTERY SUPPORTED SMALL HYDRO BASED MICRO-GRID | Level 4 | 2020-21 |
| A JOURNAL BEARING WITH NEW BORE DESIGN | Level 3 | 2020-21 |
| UNI-CONDYLAR, BI-CRUCIATE RETAINING KNEE IMPLANT | Level 3 | 2020-21 |
| MARINE-DERIVED CELL PENETRATING PEPTIDE AND IMPLEMENTATIONS THEREOF | Level 3 | 2020-21 |
| APPARATUS AND METHOD FOR PERFORMING A MILLING OPERATION | Level 3 | 2020-21 |
| SEAMLESS TRANSITION CONTROL OF A MICROGRID INTEGRATED TO 3-PHASE AC DISTRIBUTION NETWORK | Level 4 | 2020-21 |
| A SYSTEM FOR EVALUATING THE PERFORMANCE OF CRANIOVERTEBRAL JUNCTION IMPLANT | Level 5 | 2020-21 |
| NATIVE VIRUS-LIKE PARTICLES OF SARS-COV-2, METHODS OF GENERATION AND PURIFICATION THEREOF | Level 3 | 2020-21 |
| PROCESS OF PRODUCING POLYHYDROXYBUTYRATE FROM BACILLUS THURINGIENSIS | Level 4 | 2020-21 |
| SERRATIA PROTEASE-DERIVED RECOMBINANT PEPTIDE DISPLAYING ANTI-BIOFILM PROPERTIES AND IMPLEMENTATION THEREOF | Level 3 | 2020-21 |
| A FIFTH-ORDER LOW SOURCE CURRENT RIPPLE BUCK-BOOST CONVERTER | Level 3 | 2020-21 |
| WHEAT-DERIVED CELL PENETRATING PEPTIDES AND IMPLEMENTATIONS THEREOF | Level 3 | 2020-21 |
| A J.E PROBE ASSEMBLY FOR MEASURING POWER DEPOSITION IN A RADIO FREQUENCY (RF) PLASMA AND A METHOD | Level 3 | 2020-21 |
| CELL-PENETRATING PEPTIDE TARGETING CORNEAL STROMA, AND IMPLEMENTATIONS THEREOF | Level 3 | 2020-21 |
| OPTIMIZATION OF LEAKAGE CURRENT IN A SOLAR PHOTOVOLTAIC (PV) SYSTEM AND METHOD THEREOF | Level 4 | 2020-21 |
| CATALYST FOR METHANOL/DME SYNTHESIS AND PROCESS FOR PREPARING THE SAME VIA PRECIPITATING HETERO-METAL OXIDES | Level 3 | 2020-21 |
| A METHOD AND A SYSTEM FOR FABRICATING NANOTUBES ON DENTAL IMPLANTS | Level 5 | 2020-21 |
| DEVELOPMENT OF FUNCTIONAL TEXTILES WITH INSECT REPELLENT AND ANTIBACTERIAL PROPERTIES | Level 4 | 2020-21 |
| A PROCESS OF EXTRACTING LIGNIN FROM COCONUT COIR | Level 5 | 2020-21 |
| WIND SOLAR AND HYDRO BASED GRID INTERACTIVE MICROGRID | Level 4 | 2020-21 |
| TRANSFORMER-LESS SINGLE STAGE BRIDGELESS SWITCHED INDUCTOR POWER FACTOR CORRECTION CONVERTER BASED CHARGER FOR LIGHT ELECTRIC VEHICLES | Level 4 | 2020-21 |

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| DIRECTION DEFINED SOFT START BASED POSITION SENSOR LESS CONTROL OF PMSM MOTOR DRIVE FOR GRID CONNECTED AND SOLAR POWER IRRIGATION | Level 4 | 2020-21 |
| AN INDUCTION HEATING APPARATUS AND METHOD FOR PROVIDING HEAT TO A SENSOR AREA | Level 3 | 2020-21 |
| DESIGN AND DEVELOPMENT OF CUSTOMIZED DIE SETUP TO PERFORM PRESSURE-ASSISTED CONVENTIONAL/MICROWAVE SINTERING OF MG 15NB3ZN 1CA METALLIC COMPACTS | Level 3 | 2020-21 |
| A MODULAR MULTI LEVEL CONVERTER SYSTEM FOR HIGH VOLTAGE DC TRANSMISSION APPLICATION WITH REDUCED CONDUCTION LOSSES | Level 3 | 2020-21 |
| PROCESS FOR PREPARING OF SLS-CHITOSAN NANOPARTICLES AND A SLS-CHITOSAN NANOPARTICLES TREATED FABRIC AND PROCESS FOR PREPARATION THEREOF | Level 3 | 2020-21 |
| A THERMOSTABLE MICROBIAL TRANSPORT MEDIA (MTM) AND THE METHOD TO PREPARE THE SAME | Level 3 | 2020-21 |
| POLYMERIC MATERIALS FOR THE FIXATION AND CONTROLLED RELEASE OF NITRATE, PHOSPHATE AND POTASSIUM (NPK) IONS | Level 4 | 2020-21 |
| POWER GENERATION IN MICROGRID INCLUDING RENEWABLE POWER SOURCE | Level 4 | 2020-21 |
| ELECTROCAUTERY AND SCISSOR DEVICE FOR SURGICAL OPERATION | Level 5 | 2020-21 |
| METHOD FOR PREPARING AN AQUEOUS DISPERSION OF THERMOPLASTIC POLYMERS FOR DISPERSION IMPREGNATION AND APPARATUS THEREOF | Level 3 | 2020-21 |
| DECONTAMINATION COMPOSITION FOR FABRICS | Level 6 | 2020-21 |
| LIQUID FORMULATION AND A PROCESS FOR PREPARATION THEREOF | Level 4 | 2020-21 |
| PERMANENT MAGNET BRUSHLESS DC MOTOR WITH HALBACH ARRAY PERMANENT MAGNET CONFIGURATION | Level 4 | 2020-21 |
| A PLATFORM FOR MANOEUVRABILITY OF A VEHICLE ON ICY TERRAIN | Level 5 | 2020-21 |
| AN AUTOMATIC TOOL CHANGER (ATC) WITH A PROVISION FOR SUPPLYING PRESSURIZED FLUID WITH TRANSMISSION OF ROTARY POWER | Level 5 | 2020-21 |
| LOW COST ERGONOMIC 3D PRINTED FACE SHIELD | Level 5 | 2020-21 |
| FIBROUS AIR FILTERS WITH A GRADIENT OF FIBRE SHAPE | Level 5 | 2020-21 |
| A CIRCUIT POSSESSING FAULT LIMITING CAPABILITY IN A HB-MMC BASED HVDC TRANSMISSION SYSTEM AND A METHOD THEREOF | Level 3 | 2020-21 |
| VARIABLE HIGH GAIN DC TO DC GAIN BOOSTER | Level 3 | 2020-21 |
| NOVEL ACTIVATION FUNCTION WITH HARDWARE REALIZATION FOR RECURRENT NEUROMORPHIC NETWORKS | Level 4 | 2020-21 |
| RECONFIGURABLE DIAMETER WHEEL | Level 3 | 2020-21 |
| MICROFLUIDIC ANALYSER FOR IN-VITRO BIOSENSING AND DIAGNOSTICS | Level 3 | 2020-21 |
| THE METHOD AND SYSTEM OF INTELLIGENT USER ASSESSMENT USING VISUAL INTERACTION | Level 5 | 2020-21 |
| METHOD AND SYSTEM FOR MONITORING GLOBAL SYSTEM FOR MOBILE COMMUNICATIONS (GSM) TRAFFIC | Level 4 | 2020-21 |
| MANAGING ELECTRICAL ENERGY CONSUMPTION | Level 3 | 2020-21 |
| APPARATUS AND METHOD FOR NON-INVASIVE MEASUREMENT OF BLOOD GLUCOSE CONCENTRATION | Level 3 | 2020-21 |

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| AQUA SILVER (CLASS 5) | Level 5 | 2020-21 |
| AQUA SILVER (CLASS 1) | Level 5 | 2020-21 |
| METHOD PROVIDING BIOTRANSFORMATION OF ASPHALTENE THROUGH MICROBIAL CONSORTIUM | Level 4 | 2020-21 |
| MULTIFUNCTIONAL THREE-PHASE SINGLE STAGE SOLAR PV-BES BASED MICRO GRID WITH SEAMLESSTRANSFER CAPABILITY BETWEEN UTILITY GRID AND DIESEL GENERATOR | Level 4 | 2020-21 |
| A SELF-CENTERING BUCKLING-RESTRAINED BRACE SYSTEM | Level 3 | 2020-21 |
| AMINO ACID-FUNCTIONALIZED CHIRAL METAL-ORGANIC FRAMEWORKS FOR SUSTAINABLE ASYMMETRIC EARTH-ABUNDANT METAL CATALYSIS | Level 3 | 2020-21 |
| SYSTEM AND METHOD FOR PRIMARY CONTROL LOOP OF A DUAL ACTIVE BRIDGE CONVERTER BASED ON ANALOG CIRCUITRY | Level 4 | 2020-21 |
| PHASE SHIFTER USING SUBSTRATE INTEGRATED WAVEGUIDE TECHNOLOGY | Level 4 | 2020-21 |
| SYNTHESIS OF SUBSTITUTED PHENALENONES VIA [1,2]-PHOSPHA-BROOK REARRANGEMENT | Level 3 | 2022-23 |
| A SPLIT - HIT ERROR DECOMPOSITION SCHEME (SHEDS) BASED CONTIGENCY TABLE | Level 4 | 2022-23 |
| HIGH VELOCITY HYBRIDIZED-FLOW DIFFUSION PROCESS FOR SURFACE TREATMENT OF STEELS | Level 3 | 2022-23 |
| A METHOD FOR SYNTHESIZING AND PATTERNING LEAD FREE PIEZOELECTRIC COMPOSITE MATERIAL | Level 3 | 2022-23 |
| DETECTION OF MULTIVARIATE HEAVY METAL IONS USING TRANSITION METAL DICHALCOGENIDE SENSORS | Level 3 | 2022-23 |
| NATURAL FIBER-BASED TRANSPARENT COMPOSITES FOR FOOD PACKAGING AND METHOD FOR FABRICATION THEREOF | Level 3 | 2022-23 |
| A STENT STRUCTURE | Level 7 | 2022-23 |
| METHOD AND APPARATUS FOR SWITCHABLE BRIGHTFIELD,DARKFIELD AND GREYSCALE SCHLIEREN IMAGING | Level 3 | 2022-23 |
| AN ADAPTABLE SHAPE CHANGING AERIAL VEHICLE AND METHOD THEREOF | Level 4 | 2022-23 |
| STANDALONE PORTABLE METER AND MICROFLUIDIC STRIP AND KIT FOR MULTI-VARIATE BIOSENSING AND QUANTITATIVE LATERAL FLOW ASSAY | Level 3 | 2022-23 |
| MICROFLUIDIC CHIP BASED CELL SORTER AND ENRICHMENT DEVICE | Level 3 | 2022-23 |
| FLEXIBLE FREE-STANDING ELECTRODES AND A METHOD OF PREPARATION THEREOF | Level 3 | 2022-23 |
| A NON-PRISMATIC SELF-LOCKABLE FOLDABLE TRUSS TOWER | Level 5 | 2022-23 |
| BANDGAP REFERENCE VOLTAGE GENERATOR WITH A FAST STARTUP CIRCUIT | Level 4 | 2022-23 |
| SMART-SENSORIMOTOR ASSISTIVE REHABILITATION TECHNOLOGY | Level 6 | 2022-23 |
| RoBoExo SMART LOGO | Level 6 | 2022-23 |
| LOW SOURCE CURRENT RIPPLE BI-POLAR BUCK-BOOST DC-DC CONVERTER | Level 5 | 2022-23 |
| HARVESTING PICO-SCALE WATERPOWER USING ZERO-HEAD HYDROKINETIC TURBINE AND A SYSTEM THEREOF | Level 4 | 2022-23 |

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| AUTOMATED SOIL PESTICIDE ANALYZER | Level 6 | 2022-23 |
| A PICO HYDROKINETIC TURBINE FOR GENERATING POWER IN CANAL AND SEWAGE SYSTEM | Level 4 | 2022-23 |
| SYSTEM FOR FACILITATING MULTI-LEVEL STREAM-BASED EDGE ANALYTICS IN MULTI MODAL COMMUNICATION AND MET | Level 3 | 2022-23 |
| A SELF-ADAPTIVE CLOSED LOOP IRRIGATION DEVICE FOR ROOT CANAL TREATMENT | Level 5 | 2022-23 |
| STANDARDIZED NET PRECIPITATION DISTRIBUTION INDEX (SNEPI): A NEW DROUGHT INDEX | Level 3 | 2022-23 |
| SIMULATOR OF CODED OPTICAL COMMUNICATION SYSTEM | Level 5 | 2022-23 |
| A LOW ENERGY DEMANDING AND EFFICIENT SUBTERRANEAN STORAGE STRUCTURE FOR ONION AND GARLIC | Level 5 | 2022-23 |
| RIGID-ELASTIC VIBRATION ISOLATOR (REVI) | Level 6 | 2022-23 |
| SYNTHESIS AND CYTOTOXICITY OF MONOFUNCTIONAL PT(II) COMPOUND BEARING (NOSE)- HETERODONOR SCAFFOLD | Level 3 | 2022-23 |
| APPARATUS AND METHOD FOR DETECTING MICRO-ORGANISM-BASED DISEASES | Level 4 | 2022-23 |
| HYDRO-BASED GRID FORMING CONVERTER HAVING POWER SHARING AND SYNCHRONIZATION CAPABILITY BETWEEN TYPE-III BASED WIND ENERGY CONVERSION SYSTEM AND UTILITY GRID | Level 4 | 2022-23 |
| BUSBAR DESIGN FOR A THREE PHASE VOLTAGE SOURCE INVERTER | Level 4 | 2022-23 |
| SYSTEM AND METHOD FOR FOOTSTEP-BASED CROSS DOMAIN PERSON IDENTIFICATION | Level 4 | 2022-23 |
| A METHOD FOR PREPARATION OF A BILAYERED HALOCHROMIC FRESHNESS MARKER BASED PACKAGING FILM | Level 3 | 2022-23 |
| WATER SPLITTING | Level 6 | 2022-23 |
| POLARIZATION SYNCHRONIZATION METHODS AND SYSTEMS FOR DISTRIBUTED OPTICAL BEAMFORMING (DOB) | Level 3 | 2022-23 |
| AN ANTIMICROBIAL HEMOSTATIC MATERIAL AND A FABRICATION METHOD THEREOF | Level 5 | 2022-23 |
| METHOD FOR DEVELOPING A FORMULATION | Level 3 | 2022-23 |
| IMPEDANCE BASED LIQUID BIOPSY SYSTEM & METHOD FOR DETECTING AND SCREENING CANCER | Level 4 | 2022-23 |
| A METHOD OF PREPARATION OF A TRANSITION METAL DICHALCOGENIDE (TMD) FILM ON A GROWTH SUBSTRATE | Level 3 | 2022-23 |
| A SYSTEM AND METHOD FOR ENABLING A MULTI-OPERATOR EDGE ENVIRONMENT | Level 3 | 2022-23 |
| MULTIPLE SCANNER HEADS FOR NON-CONTACT CHEMICAL DETECTION, LAYER THICKNESS AND SURFACE ROUGHNESS MEASUREMENT | Level 3 | 2022-23 |
| A METHOD FOR SYNTHESIS OF HYBRID ZINC STANNATE COPPER-TRIMESIC ACID BASED METAL ORGANIC FRAMEWORK | Level 3 | 2022-23 |
| METHOD PROVIDING BIOTRANSFORMATION OF ASPHALTENE THROUGH MICROBIAL CONSORTIUM | Level 4 | 2020-21 |
| MULTIFUNCTIONAL THREE-PHASE SINGLE STAGE SOLAR PV-BES BASED MICRO GRID WITH SEAMLESSTRANSFER CAPABILITY BETWEEN UTILITY GRID AND DIESEL GENERATOR | Level 4 | 2020-21 |

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| A SELF-CENTERING BUCKLING-RESTRAINED BRACE SYSTEM | Level 3 | 2020-21 |
| AMINO ACID-FUNCTIONALIZED CHIRAL METAL-ORGANIC FRAMEWORKS FOR SUSTAINABLE ASYMMETRIC EARTH-ABUNDANT METAL CATALYSIS | Level 3 | 2020-21 |
| SYSTEM AND METHOD FOR PRIMARY CONTROL LOOP OF A DUAL ACTIVE BRIDGE CONVERTER BASED ON ANALOG CIRCUITRY | Level 4 | 2020-21 |
| PHASE SHIFTER USING SUBSTRATE INTEGRATED WAVEGUIDE TECHNOLOGY | Level 4 | 2020-21 |
| OPTIMIZING PASTE FORMULATION FOR AN ELECTRODE AND METHOD THEREOF | Level 3 | 2020-21 |
| PAPER BASED THERMOSTABLE, RAPID ANTIGEN TEST CASSETTE/CARD (SWAB SPECIMEN) FOR NOVEL CORONAVIRUS-19 (SARS-COV-2) | Level 5 | 2020-21 |
| A CONTROL SYSTEM FOR OPERATING A THREE PHASE INDUCTION MOTOR DRIVE AND A METHOD FOR OPERATING MOTOR DRIVE | Level 4 | 2020-21 |
| SOLAR COOKING SYSTEM WITH THERMAL ENERGY STORAGE FOR HOUSEHOLD AND COMMUNITY LEVEL COOKING | Level 4 | 2020-21 |
| A SYSTEM AND METHOD FOR COMPARING INSTRUCTION SET ARCHITECTURES (ISAs) FOR DESIGNING APPLICATION SPECIFIC INSTRUCTION SET PROCESSOR | Level 3 | 2020-21 |
| GRAPH PROCESSING ON SPATIAL ACCELERATORS | Level 3 | 2020-21 |
| DECONTAMINATION APPARATUS | Level 3 | 2020-21 |
| APPARATUS FOR FILTRATION OF PARTICULATE MATTER | Level 3 | 2020-21 |
| AXIAL FLUX MOTOR FOR CEILING FAN | Level 4 | 2020-21 |
| FIBER ORIENTATION GRADIENT FIBROUS AIR FILTER | Level 3 | 2020-21 |
| A METHOD AND AN APPARATUS FOR WIRELESS INFORMATION AND ENERGY TRANSFER USING DISTRIBUTED BEAMFORMIN | Level 3 | 2020-21 |
| TEST CHAMBER FOR AIR FILTERS | Level 5 | 2020-21 |
| A NANO-ADSORBENT FOR REMOVAL OF LANTHANIDE IONS FROM WATER AND ASSOCIATED METHODS | Level 5 | 2020-21 |
| HYBRID WATER PUMPING SYSTEM | Level 4 | 2020-21 |
| DYNAMIC YARN PULL-OUT TESTING DEVICE AND METHOD OF TESTING THEREOF | Level 6 | 2020-21 |
| A SYSTEM AND METHOD FOR PRODUCTION OF SINGLE POLYMER TOWPREG THROUGH WET ELECTROSTATIC POWDER COATING | Level 3 | 2020-21 |
| SUBSTRATE FOR SURFACE ENHANCED RAMAN SPECTROSCOPY | Level 3 | 2020-21 |
| PIEZO-SMA BASED WEARABLE DEVICE FOR ELCTRO-MECHANO GRAM (EMG) OF HUMAN BONES FOR DIAGNOSTIC PURPOSES | Level 3 | 2020-21 |
| SYSTEM AND METHOD FOR IMPROVING PERFORMANCE OF SEMI-GRANT FREE UPLINK BY INTELLIGENT POWER ALLOCATION AND NODE SELECTION MECHANISMS | Level 3 | 2020-21 |
| REMOTE CENTRE OF MOTION ADJUSTING SYSTEMAND METHOD OF ADJUSTMENT THEREOF FORMEDICAL/SURGICAL DEVICES | Level 3 | 2020-21 |
| CONJUGATE COMPRISING RIBOFLAVIN BASE OR SALTS THEREOF AND A CELL PENETRATING PEPTIDE, AND APPLICATIONS THEREOF | Level 5 | 2020-21 |
| BIOMEDICAL DEVICE FOR IRRADIATING VISCERAL ORGAN | Level 5 | 2020-21 |

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| GENETIC TOOL FOR SCHEFFERSOMYCES STIPITIS | Level 3 | 2020-21 |
| AN AUTOMATED INSTRUMENT AND MICROFLUIDIC CHIP FOR IMPROVED AND RAPID TESTING OF NUCLEIC ACID | Level 4 | 2020-21 |
| HANDRAIL SANITIZATION | Level 5 | 2020-21 |
| HANDRAIL SANITIZATION | Level 5 | 2020-21 |
| TENSION ADJUSTMENT MECHANISM FOR TENDON DRIVEN SYSTEMS | Level 3 | 2020-21 |
| TRANSGLUTAMINASE NANOFLOWERS | Level 3 | 2020-21 |
| ENVIRONMENTAL FRIENDLY METAL-WORKING FLUID AND PROCESS OF PREPARATION THEREOF | Level 4 | 2020-21 |
| SURGE TANK BASED SYSTEM FOR AUTOMATED OPERATION AND CONTROL OF CONTINUOUS BIOPHARMACEUTICAL MANUFACTURING | Level 3 | 2020-21 |
| A METHOD FOR SEMI-ACTIVE VIBRATION CONTROL OF STRUCTURES | Level 3 | 2020-21 |
| A THREE-PHASE GRID INTEGRATED MULTIPLE SOLAR PHOTO VOLTAIC ARRAYS BATTERY BASED MICROGRID | Level 4 | 2020-21 |
| Indian Institute of Technology Delhi | Level 3 | 2020-21 |
| Indian Institute of Technology Delhi | Level 3 | 2020-21 |
| Indian Institute of Technology Delhi | Level 3 | 2020-21 |
| Indian Institute of Technology Delhi | Level 3 | 2020-21 |
| PROCESS FOR PREPARING SELENIUM DOPED TUNGSTEN OXIDE MATERIAL FOR FABRICATING AS SUPERCAPACITOR MATERIAL AND ELECTRODE THEREOF | Level 3 | 2020-21 |
| SPIDERLON | Level 3 | 2020-21 |
| PLASMONIC GAS SENSORS | Level 5 | 2020-21 |
| BROADBAND OPTICAL MODULATORS | Level 5 | 2020-21 |
| VARIABLE RADIUS WHEEL BASED ON COMPLIANT MECHANISM | Level 3 | 2020-21 |
| PORTABLE DECONTAMINATION DEVICE | Level 3 | 2020-21 |
| UNIVERSAL CBRN DECONTAMINATION WIPE | Level 4 | 2020-21 |
| FLEXIBLE ELECTRODE FOR MICROBIAL FUEL CELL | Level 3 | 2020-21 |
| FLEXIBLE GEL-LESS ANTIBACTERIAL ELECTRODES, METHOD FOR MANUFACTURING SAME AND SYSTEM DEPLOYING SAID ELECTRODES FOR CARDIAC MONITORING | Level 3 | 2020-21 |
| GEOMETRICAL MODEL AND FABRIC PRODUCTION METHOD FOR ENERGY ABSORBING WOVEN STRUCTURE WITH MULTIPLE STRUCTURAL VARIANTS | Level 3 | 2020-21 |
| A NOVEL APPROACH OF IN-SITU SYNTHESIS OF MOSQUITO REPELLENT, ANTI BACTERIAL POLYMERIC DYE ON THE CELLULOSIC BACK GROUND | Level 3 | 2020-21 |
| SYNTHESIS OF NOVEL MULTIFUNCTIONAL DISPERSE DYES BASED ON NATURAL COUPLERS FOR IMPARTING COLOUE, MOSQUITO REPELLENCY, ANTIBACTERIAL ACTIVITY AND UV PROTECTION TO TEXTILES | Level 4 | 2020-21 |
| METHOD OF FABRICATING TUBULAR SCAFFOLD | Level 4 | 2020-21 |
| CUSTOMIZABLE AND FLEXIBLE FORCESENSING RESISTOR | Level 3 | 2020-21 |

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|--|---------|---------|
| RIPSTOP WEAVES FOR ENHANCED TEARING STRENGTH AND BREATHABILITY | Level 4 | 2020-21 |
| A WEARABLE SAFETY EQUIPMENT FOR PROTECTION AND EXTRICATION OF A WEARER | Level 3 | 2020-21 |
| HYBRID BUCKLING-RESTRAINED BRACE SYSTEM | Level 4 | 2020-21 |
| ALL STEEL SHORT CORE BUCKLING- RESTRAINED BRACES (As-BRBs) WITH BOLTED ANGLE RESTRAINERS | Level 4 | 2020-21 |

Ventures/startups grown to turnover of 50 lacs

| Name of startups | Company's Turnover | Financial Year |
|---|--------------------|----------------|
| Creditas Solutions Pvt Ltd | 300000000 | 2022-23 |
| Omnia Information Pvt Ltd | 300000000 | 2022-23 |
| KritiKal Solutions Pvt Ltd | 257100000 | 2022-23 |
| CLENSTA International Pvt Ltd | 350839000 | 2022-23 |
| Wrig Nano- Systems Pvt Ltd | 430000000 | 2022-23 |
| Redroomtechnology Pvt Ltd | 200000000 | 2022-23 |
| CHAKR INNOVATION PRIVATE LIMITED | 120000000 | 2022-23 |
| Mechartes Researchers Private Limited | 95468000 | 2022-23 |
| Luminasic Pvt Ltd | 75600000 | 2022-23 |
| Aquasense Equipments Pvt Ltd | 90043000 | 2022-23 |
| Botlab Dynamics Pvt. Ltd. | 80000000 | 2022-23 |
| Vecmocon Technologies Pvt Ltd | 45000000 | 2022-23 |
| ETEX Healthcare | 15300000 | 2022-23 |
| Nanoclean Global Pvt Ltd | 7600000 | 2022-23 |
| Ekam Eco Solutions Pvt Ltd | 22000000 | 2022-23 |
| INRM Consultants Pvt Ltd | 18922000 | 2022-23 |
| Raised Lines Foundation | 20000000 | 2022-23 |
| VIZARA TECHNOLOGIES PVT LTD | 18700000 | 2022-23 |
| NanoSafe - Dr. Anasuya Roy and Mangala Joshi, DTT | 8000000 | 2022-23 |
| CYRAN Ai Solutions Pvt Ltd | 16400000 | 2022-23 |
| TestRight Nanosystems Pvt Ltd | 9800000 | 2022-23 |
| HyperX Energy Pvt Ltd | 12000000 | 2022-23 |
| Asun trackers | 11000000 | 2022-23 |
| NABLE IT CONSULTANCY SERVICES PVT LTD | 3500000 | 2022-23 |
| Aerogram Private Ltd | 5200000 | 2022-23 |
| Machphy Solutions Pvt Ltd | 2600000 | 2022-23 |

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|---------------------------------------|-----------|---------|
| Creditas Solutions Pvt Ltd | 278300000 | 2021-22 |
| Omnia Information Pvt Ltd | 278300000 | 2021-22 |
| KritiKal Solutions Pvt Ltd | 227200000 | 2021-22 |
| CLENSTA International Pvt Ltd | 177100000 | 2021-22 |
| Wrig Nano- Systems Pvt Ltd | 150000000 | 2021-22 |
| Redroomtechnology Pvt Ltd | 256000000 | 2021-22 |
| CHAKR INNOVATION PRIVATE LIMITED | 140500000 | 2021-22 |
| Mechartes Researchers Private Limited | 76500000 | 2021-22 |
| Luminasic Pvt Ltd | 72500000 | 2021-22 |
| Botlab Dynamics Pvt. Ltd. | 8725000 | 2021-22 |
| Vecmocon Technologies Pvt Ltd | 30000000 | 2021-22 |
| ETEX Healthcare | 67000000 | 2021-22 |
| Gram Vanni Community Pvt Ltd | 80000000 | 2021-22 |
| Nanoclean Global Pvt Ltd | 10000000 | 2021-22 |
| Ekam Eco Solutions Pvt Ltd | 19700000 | 2021-22 |
| INRM Consultants Pvt Ltd | 15900000 | 2021-22 |
| Raised Lines Foundation | 16000000 | 2021-22 |
| VIZARA TECHNOLOGIES PVT LTD | 12300000 | 2021-22 |
| NanoSafe | 8200000 | 2021-22 |
| CYRAN Ai Solutions Pvt Ltd | 5300000 | 2021-22 |
| DV2JS INNOVATION LLP | 20000000 | 2021-22 |
| HyperX Energy Pvt Ltd | 5500000 | 2021-22 |
| NABLE IT CONSULTANCY SERVICES PVT LTD | 4000000 | 2021-22 |
| Aerogram Private Ltd | 2000000 | 2021-22 |
| Machphy Solutions Pvt Ltd | 1000000 | 2021-22 |
| Advantage Organic Naturals Pvt Ltd | 5000000 | 2021-22 |
| Creditas Solutions Pvt Ltd | 258100000 | 2020-21 |
| Omnia Information Pvt Ltd | 258100000 | 2020-21 |
| KritiKal Solutions Pvt Ltd | 222300000 | 2020-21 |
| CLENSTA International Pvt Ltd | 131600000 | 2020-21 |
| Wrig Nano- Systems Pvt Ltd | 79500000 | 2020-21 |
| Redroomtechnology Pvt Ltd | 77500000 | 2020-21 |
| CHAKR INNOVATION PRIVATE LIMITED | 90900000 | 2020-21 |

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|---------------------------------------|----------|---------|
| Mechartes Researchers Private Limited | 53000000 | 2020-21 |
| Aquasense Equipments Pvt Ltd | 22800000 | 2020-21 |
| Vecmocon Technologies Pvt Ltd | 9900000 | 2020-21 |
| Nanoclean Global Pvt Ltd | 47700000 | 2020-21 |
| Ekam Eco Solutions Pvt Ltd | 20900000 | 2020-21 |
| Simplyfeye Software Pvt Ltd | 51000000 | 2020-21 |
| INRM Consultants Pvt Ltd | 14900000 | 2020-21 |
| VIZARA TECHNOLOGIES PVT LTD | 4700000 | 2020-21 |
| NanoSafe | 8000000 | 2020-21 |
| CYRAN Ai Solutions Pvt Ltd | 1600000 | 2020-21 |
| DV2JS INNOVATION LLP | 2400000 | 2020-21 |
| TestRight Nanosystems Pvt Ltd | 8000000 | 2020-21 |
| Soul Machine Pvt Ltd | 11600000 | 2020-21 |
| Machphy Solutions Pvt Ltd | 1600000 | 2020-21 |

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 |
|--------------------|---------------------|-----------------|--------------------|--|
| Vinod Khosla | B.Tech (EE) | 1976 | Sun Microsystems | 2005 |

Pre-incubation:expenditure/income

| Financial Year | 2022-23 | 2021-22 | 2020-21 |
|---|---------|---------|---------|
| Number of Pre-incubation units | 3 | 3 | 3 |
| Expenditure on pre-incubation activities | 1245299 | 0 | 0 |
| Income generated by institution through pre-incubation activities | 1347359 | 0 | 0 |

Incubation:expenditure/income

| Financial Year | 2022-23 | 2021-22 | 2020-21 |
|---|----------|---------|---------|
| Number of Incubation units | 3 | 3 | 3 |
| Expenditure on Incubation activities | 66183622 | 840581 | 2304382 |
| Income generated by institution through Incubation activities | 7762504 | 3801961 | 4659539 |

FDP

| Academic year | Title of Course | FDP Sponsored /Supported by | Certificate Program Offering Department/Centre/ Unit Name | Program Start Date | Program End Date |
|---------------|--------------------------------|-----------------------------|---|--------------------|------------------|
| 2022-23 | Design Thinking and Innovation | Open Participants | CRDT | 2022-02-07 | 2022-11-25 |

| | | | | | |
|---------|--|--------------------------|--------|------------|------------|
| 2022-23 | Design Thinking and Innovation | Open Participants | CRDT | 2023-03-29 | 2023-08-19 |
| 2021-22 | Industrial Design, Innovation and Entrepreneurship | Open Participants | Design | 2021-05-23 | 2021-10-24 |
| 2021-22 | Design Thinking and Innovation | Open Participants | CRDT | 2021-06-12 | 2021-11-27 |
| 2021-22 | Executive Management Programme in Strategic Innovation, Digital Marketing and Business Analytics | Open Participants | DMS | 2021-08-28 | 2021-12-12 |
| 2021-22 | Industrial Design, Innovation and Entrepreneurship | Open Participants | Design | 2021-12-12 | 2022-05-01 |
| 2021-22 | Design Thinking and Innovation | Open Participants | CRDT | 2021-12-18 | 2021-06-06 |
| 2021-22 | Executive Management Programme in Strategic Innovation Digital Transformation and Business Analytics | Open Participants | DMS | 2022-01-08 | 2022-12-11 |
| 2021-22 | Entrepreneurship, Innovation & Design: Catalysing the Reural Economy | MEA Sponsored | CRDT | 2021-06-09 | 2021-09-17 |
| 2020-21 | WORKSHOP INDUSTRIAL DESIGN, INNOVATION AND ENTREPRENEURSHIP | TEQIP-III | Design | 2020-12-01 | 2020-12-03 |
| 2022-23 | HPCL DigIT - Digital for Innovation & Transformation | HPCL, Pune & CEEI Mumbai | DMS | 2023-08-18 | 2023-08-19 |

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 |
|---------------|---|-------------|-----------------|----------------------------|---|--------------------|
| 2022-23 | Biotechnology Entrepreneurship | BBL751 | Elective Course | UG | Department of Biochemical Engineering and Biotechnology | 2 |
| 2022-23 | Entrepreneurial Finance | MDL802 | Elective Course | PG | Department of Management Studies | 3 |
| 2022-23 | Corporate innovation & Entrepreneurship | MSL407 | Elective Course | PG | Department of Management Studies | 3 |
| 2022-23 | Technical Entrepreneurship | MSL803 | Elective Course | PG | Department of Management Studies | 3 |
| 2022-23 | Inclusive Innovation: Theory and Practice | HUL704 | Elective Course | PG | Department of Humanities and Social Sciences | 4 |
| 2022-23 | Science, Technology & Innovation Policy and Agriculture | SPL730 | Elective Course | PG | School of Public Policy | 3 |
| 2022-23 | Science, Technology, Innovation and Sustainable Development | SPL706 | Elective Course | PG | School of Public Policy | 3 |
| 2022-23 | Management of Intellectual Property Rights | MSL802 | Elective Course | PG | Department of Management Studies | 3 |
| 2021-22 | Biotechnology Entrepreneurship | BBL751 | Elective Course | UG | Department of Biochemical Engineering and Biotechnology | 2 |
| 2021-22 | Entrepreneurship | MCL759 | Elective Course | UG | Department of Mechanical Engineering | 3 |
| 2021-22 | Science, Technology & Innovation Policy and Agriculture | SPL730 | Elective Course | PG | School of Public Policy | 3 |

| | | | | | | |
|---------|---|--------|-----------------|----|---|---|
| 2021-22 | Science, Technology, Innovation and Sustainable Development | SPL706 | Elective Course | PG | School of Public Policy | 3 |
| 2021-22 | Management of Intellectual Property Rights | MSL802 | Elective Course | PG | Department of Management Studies | 3 |
| 2020-21 | Biotechnology Entrepreneurship | BBL751 | Elective Course | UG | Department of Biochemical Engineering and Biotechnology | 2 |
| 2020-21 | Entrepreneurship | MCL759 | Elective Course | UG | Department of Mechanical Engineering | 3 |
| 2020-21 | Entrepreneurial Design Thinking | MSL401 | Elective Course | PG | Department of Management Studies | 3 |
| 2020-21 | Management of Intellectual Property Rights | MSL802 | Elective Course | PG | Department of Management Studies | 3 |

Faculty Details

| | |
|-----------------------------------|-----|
| Number of faculty members entered | 687 |
|-----------------------------------|-----|