

# National Institutional Ranking Framework

Ministry of Education

Government of India

## Data Submitted by Institution for India Rankings '2024'

Institute Name: Anna University [IR-I-U-0439]

### Sanctioned (Approved) Intake

Academic Year	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18
UG [4 Years Program(s)]	2420	2290	2470	2470	-	-
UG [5 Years Program(s)]	80	80	80	80	120	-
PG [2 Year Program(s)]	1880	1777	-	-	-	-
PG-Integrated	100	100	100	100	100	-

### 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)]	5253	3351	8604	8307	197	100	465	7238	2952	105	486	4160
UG [5 Years Program(s)]	132	223	355	349	5	1	16	301	75	3	3	236
PG [2 Year Program(s)]	1150	912	2062	1967	94	1	148	1844	869	0	3	1120
PG-Integrated	194	181	375	370	5	0	22	347	81	0	0	288

### Start up recognized by DPIIT/startup India

Name of Venture	Year of recognition by DPIIT/startup India	DPIIT/Start up India Registration No.
Teraact City	2022-23	DIPP121920
MEINE Electric Automotives Pvt. Ltd.	2022-23	DIPP118941
Value1 Tech Innovations Private Limited	2022-23	DIPP137801
Tiden Mobility Private Limited	2022-23	DIPP134640
BRZA Tech / Service Geni	2022-23	DIPP145442
Mithron India Smart Service Pvt Ltd	2022-23	DIPP112063
Seinilam Agri Business Culture Pvt Ltd	2022-23	DIPP115933
Servicewired Technology Solutions Private Limited	2022-23	DIPP131779
Aatral ESP	2022-23	DIPP113070
Samruva Technologies	2022-23	DIPP143715

Xact Dignotek Pvt Ltd	2022-23	DIPP136234
Micha Lifesciences Pvt Ltd	2022-23	DIPP39007
Zech Innovation (OPC) Pvt Ltd	2021-22	DIPP108716
REUDE	2021-22	DIPP113120
Destratum Solutions Pvt Ltd	2021-22	DIPP98045
Blinc Smart Home Solutions Pvt Ltd	2021-22	DIPP94680
Hedvuk Private Limited	2021-22	DIPP89342
IM Robonix	2021-22	DIPP95130
Harvtech	2021-22	DIPP101548
Ecocharm	2021-22	DIPP98377
Spacetug	2021-22	DIPP106519
AtumX Innovations	2021-22	DIPP117659
Vividobots Private Limited	2021-22	DIPP81921
Primas Bioscience Pvt Ltd	2021-22	DIPP39862
Genprotic Biopharma Pvt Ltd	2021-22	DIPP76511
Fititout Solutions	2020-21	DPIIT78649
Theevanam Additives & Nutraceuticals Pvt. Ltd	2020-21	DIPP25055
Raptee Energy Private Limited	2020-21	DIPP55816
TRIZ AI Private Limited	2020-21	DIPP81704
Sharkitude Private Limited	2021-22	DIPP82453
Instagood Tech Solutions Pvt Ltd	2021-22	DIPP81356
Deepta Food Products	2021-22	DIPP97268

#### Startups which have got VC investment in previous 3 years

Name of startups	Amount received	Organisation Name	Year of receiving VC investment
Raptee Energy	73500000	Blue Hill Capital	2020-21
Aatrel Green Renewable Energy	90000000	Independent VC	2022-23
Teraact City	10000000	Independent VC	2022-23
Destratum Solutions	2500000	SC/ST Fund Govt of TamilNadu	2022-23
Primas Bioscience Pvt. Ltd	60000000	Independent VC	2022-23

#### FDI investment in previous 3 years

Name of startups	FDI investment received	Year of receiving FDI investment
Peptobiotics India Pvt. Ltd	2495902	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
Ministry of Human Resource Development, Govt. of India	15036000	2020-21
Entrepreneurship Development And Innovation Institute, Govt. of Tamil Nadu	200000	2020-21
Entrepreneurship Development And Innovation Institute, Govt. of Tamil Nadu	196000	2020-21
Department of Science and Technology	10000000	2020-21
Research, Innovation & Quali Improvement - sustainable Energy Technology _ Efficient Renewable Energy Power Generation with Energy Storage for sustainable smart grid	32500000	2020-21
Research, Innovation & Quali Improvement -Electrical Vehicle project (RUSA 2.0 )	175000000	2020-21
AU-NLCIL Innovation Hub for Energy, Environmental and Sustainability	6239068	2020-21
TANII-Tamil Nadu Innovation Initiatives	41510000	2020-21
RUSA 2.0 Creation of Innovation Makers Lab, MIT Campus	6710000	2020-21
SISFS- Startup India Seed Fund Scheme	1200000	2021-22
TANSEED- Tamil Nadu Startup Seed Fund	4500000	2021-22
Entrepreneurship Development And Innovation Institute, Govt. of Tamil Nadu	200000	2021-22
Entrepreneurship Development And Innovation Institute, Govt. of Tamil Nadu	100000	2021-22
Entrepreneurship Development And Innovation Institute, Govt. of Tamil Nadu	100000	2021-22
Biotechnology Industry Research Assistance Council	3838012	2021-22
Technology Innovation Hub for translational research on IoT Chanakya	918800	2021-22
TANII-Tamil Nadu Innovation Initiatives	114214000	2021-22
NIDHI PRAYAS-The National Initiative for Developing and Harnessing Innovations- Promoting and Accelerating Young and Aspiring Innovators & Start-ups	800000	2022-23
SISFS- Startup India Seed Fund Scheme	800000	2022-23
ANIC -The Aatmanirbhar Bharat ARISE	10000000	2022-23
Biotechnology Industry Research Assistance Council	5000000	2022-23
TANSEED- Tamil Nadu Startup Seed Fund	10500000	2022-23
Entrepreneurship Development And Innovation Institute, Govt. of Tamil Nadu	160000	2022-23
Department of Science and Technology	10000000	2022-23
Research, Innovation & Quali Improvement -Entrepreneurship Hub (RUSA 2.0 )	75000000	2022-23
Research, Innovation & Quali Improvement -Electrical Vehicle project (RUSA 2.0 )	175000000	2022-23
Technology Innovation Hub for translational research on IoT Chanakya	358400	2022-23
AU-NLCIL Innovation Hub for Energy, Environmental and Sustainability	2933727	2022-23
Entrepreneurship Development And Innovation Institute, Govt. of Tamil Nadu Innovation Voucher Program	1100000	2022-23

**Patents**

Calendar year	2022	2021	2020
No. of Patents Published	70	83	58
No. of Patents Granted	37	34	12

**Patents Commercialized & Technology Transferred**

Calendar year	2022	2021	2020
No. of Patents Published	16	5	3

**Innovations at various stages of Technology Readiness Level**

Innovation Name	Stage of technology	Financial Year
AN EFFICIENT FRAMEWORK FOR AUTOMATIC SEGMENTATION AND ANALYSIS OF COMPLEX AND OVERLAPPED WHITE BLOOD CELLS FROM MICROSCOPIC BLOOD IMAGES	Level 7	2020-21
DEVELOPMENT OF REALTIME SCHEDULER FRAMEWORK FOR TASK SCHEDULING IN MULTIPROCESSOR ENVIRONMENT	Level 7	2021-22
COMPARISON OF DIFFERENT STRUCTURES OF ERI SILK FIBROIN MAT FOR BIO MEDICAL APPLICATIONS	Level 4	2022-23
STUDY OF ANTIMICROBIAL PROPERTIES OF GREEN SYNTHESISED MAGNESIUM OXIDE NANOPARTICLES COATED COTTON FABRIC	Level 4	2020-21
DESIGN AND DEVELOPMENT OF NON-WOVEN FILTER INTEGRATED CEILING FAN AND PERFORM ANALYSIS	Level 4	2020-21
DEVELOPMENT OF SURFACE MODIFIED NANOFIBRE FOR AIR FILTRATION	Level 4	2020-21
DEVELOPMENT OF PHOTOCATALYTIC SELF CLEANING TEXTILES USING TIN OXIDE NANO PARTICLES	Level 4	2020-21
Experimental studies on single point incremental sheet forming and formability limit analysis for stainless steel 316l	Level 1	2020-21
Experimental study on mechanical properties of GFRP laminates and analysis of ud laminate under three-point bending	Level 1	2020-21
Study on the effect of operational parameters for static pressure support (sps) assisted incremental forming of stainless-steel sheets	Level 1	2021-22
Optimization of two point incremental forming of aisi316l through response surface methodology	Level 1	2021-22
Experimental investigation of aluminium oxide aL2o3 doped Ytria Stabilized Zirconia (YSZ) thermal barrier coatings	Level 2	2020-21
Development, testing and optimization on 3D Printing for Plastic Pallets	Level 4	2020-21
Study the shelf life of the dairy products using Bio Degradable film made from carboxymethyl cellulose and iota carrageenan	Level 5	2021-22
Synthesis of Chitosan-based film by incorporating SiO2 with clove oil for packaging applications.	Level 5	2020-21
Design and development package of a distribution hazards monitoring system	Level 6	2022-23
Package Design and Validation for Aftermarket Products	Level 1	2020-21

Vibrational Spectroscopic analysis of Diethyl 1,4- Dihydro- 4- (2- Hydroxy- 6 -Methoxyphenyl) -2,6 Dimethylpyridine3,5-Dicarboxylate (Dhphmp): Theoretical and Experimental approach	Level 1	2020-21
Particle size determination of Micro/Nano powder using laser diffraction – A comparative study	Level 1	2020-21
DFT study and Hirshfeld surface analysis of 3-Chloroanilinium hydrogen sulphate salts (3CAHS)	Level 1	2020-21
Thermoelectric transport investigations on LaFeO3 and La0.9Ca0.1FeO3 compounds	Level 1	2020-21
Thin film thickness measurement using Air wedge	Level 1	2020-21
Effect of Dysprosium on the structural, optical and magnetic properties of LaFeO3	Level 1	2020-21
Investigations on microstructural, mechanical properties, and phase analysis of laser surface alloyed of titanium borided (grade-1, 2 and grade-5) material	Level 1	2020-21
Synthesis and structural analysis of transition/RE metal doped lead free ferroelectric ceramics	Level 1	2020-21
Nonlinear optical properties of Fluorinated carbon nanotubes: A theoretical study	Level 1	2020-21
DFT investigation of nonlinear optical properties of Lithium substituted carbon nanotubes	Level 1	2020-21
Spectroscopic analysis of 2-Amino 6-Methyl 3-Nitropyridine: A comparative study	Level 1	2020-21
Studies of Optoelectronic properties of a nonlinear optical material Riboflavin	Level 1	2021-22
Structural and Dielectric Properties of Calcium Copper Titanate (CaCu3Ti4O12)	Level 1	2021-22
Density Functional Theory (DFT) Study and Hirshfeld Surface Analysis of 4Methylanilium Perchlorate (4MAPC) and 2,5 Dichloroanilinium Perchlorate (2,5DAPC)	Level 1	2021-22
Density Functional Theory (DFT) Study and Hirshfeld Surface Analysis of Morpholine 4-Nitrophenol (M4NP) and 3-Methyl 4-Nitrophenol 4-Dimethylaminopyridine (3M4NP4DAP)	Level 1	2021-22
Investigation on Magneto Caloric Effect of Doped Manganites	Level 1	2021-22
A Theoretical Study on Nonlinear Optical Properties of Fluorinated Graphene Sheet	Level 1	2022-23
Segregation of Different Types of Plastic Using Maximum Peak Analysis	Level 1	2022-23
Tender Coconut Vending Machine	Level 5	2020-21
Recycled PET Flakes composite	Level 4	2020-21
Manufacture of Syntactic foam using waste polythene covers	Level 4	2020-21
Biobased Cushions	Level 3	2020-21
Blended Sutures for medical applications	Level 4	2020-21
Low cost Sweep VEP for Ocular diagnosis (Visual acuity)	Level 7	2020-21
Biodegradable Polymer using jackfruit seeds.	Level 3	2020-21
EEG- Sample on Chip for schizophrenia detection system (patient specific)	Level 3	2020-21
Extraction of Fat from Flesh Waste used for Oil Pull Up Leather	Level 1	2021-22
A Comparative study to detect depression using sentiment analysis	Level 4	2021-22
Food Sharing Optimizer System-FSOS	Level 4	2021-22

Crop -related pattern and crop disease detection using densenet-121	Level 4	2021-22
real time finger counter and hand gesture recongnizer	Level 4	2021-22
Conversion of Braille image into voice	Level 4	2021-22
Visualizing ist architecture in VR using blender	Level 4	2021-22
Attack classification using deep learning	Level 4	2021-22
Multibanking payment system with dual authentication	Level 4	2021-22
Automated Warehouse System with AGV	Level 4	2021-22
Scrambler @ 360 in Augmented Relatiy	Level 4	2021-22
CryptoSpace	Level 4	2021-22
Neural Style Transfer using Deep learning	Level 4	2021-22
DETECTING PARKINSON'S DISEASE USING GAIT ANALYSIS	Level 4	2021-22
COMMUNITY DRIVEN QUESTION AND ANSWER PORTAL FOR UNIVERSITIES	Level 4	2021-22
HIGH PERFORMANCE APPLICATION PROGRAMMING INTERFACE FOR A COMMUNITY DRIVEN PORTAL	Level 4	2021-22
THREE-TIER AUTHENTICATION BASED VOTING SYSTEM BASED ON BIOMETRIC IDENTIFICATION	Level 4	2021-22
PACKAGE RECOMMENDATION SYSTEM	Level 4	2021-22
POTHOLE DETECTION USING DEEP LEARNING	Level 4	2021-22
1. Mapping of notified forest lands and plantation crops at village / cadastral level - Two sites : Tumkur and Chikmagalur, Karnataka. 2. Irrigation Scheduling for Irrigation project command area unde	Level 6	2021-22
Data Driven Research Study on River Desilt Monitoring and Analysis using Drones (Unmanned Aerial Vehicle) at Nagapattinam	Level 6	2020-21
Scoping Study on role of UAVs/ Drones in Disaster Management	Level 6	2020-21
Design, Development, Manufacture & Supply of UAV	Level 9	2020-21
Study on Drones to control of larvae in major waterways in Chennai	Level 6	2020-21
Supply of Micro UAV drones (31 No's) for Field Policing	Level 9	2021-22
Design, Development and Delivery of 4 Nos. of drones for Disaster and Rescue Operations	Level 9	2021-22
Establishing/Strengthening the State Climate Change centre/Cell MMSKCC (SCCC-NMSKCC) in the State of Tamil Nadu	Level 5	2020-21
Treatability Studies on Secondary Treated Domestic Wastewater using Advanced Oxidation Process followed by Adsorption for Indirect potability Reuse (IpR)	Level 6	2020-21
CMWSSB – SE(WWT&R) – EE STP (South) for 12 Sewage Treatment Plants of varying capacities at four locations	Level 4	2020-21
Probiotic enriched vitamin B12 fortified food products	Level 4	2021-22
Biodegradable superaborbent material for application in personal disposable hygiene products	Level 6	2020-21
Understanding the association between mitochondrial dynamics and tamoxifen resistance in breast cancer cells	Level 1	2022-23

A WEB APPLICATION TO PRACTICE AND SELF EVALUATE FOR ONLINE TESTS USING MACHINE LEARNING	Level 4	2021-22
LOCALIZATION AND SEGMENTATION OF MELANOMA SKIN CANCER USING DEEP LEARNING	Level 4	2021-22
STOCK MARKET PREDICTION USING SENTIMENTAL ANALYSIS AND LSTM MODEL-A COMBINED APPROACH	Level 4	2021-22
IMAGE PROCESSING-BASED RECOGNITION OF WALL DEFECTS	Level 4	2021-22
TOLL AUTOMATION & FRAUD DETECTION	Level 4	2021-22
DETECTION OF DISTRIBUTED DENIAL OF SERVICE IN SDN NETWORK	Level 4	2021-22
CREATION OF AN INTELLIGENT KNOWLEDGE-BASED SYSTEM USING TRANSFORMER MODEL	Level 4	2021-22
OBJECT DETECTION FOR VISUALLY IMPAIRED PEOPLE	Level 4	2021-22
A DEEP LEARNING BASED APPROACH FOR OF BIKE RIDERS WITH NO HELMET	Level 4	2021-22
NIRF RANKING SYSTEM FOR UNIVERSITY DEPARTMENTS	Level 4	2021-22
CLASSIFICATION OF ALPHABETS FROM SIGN LANGUAGE USING CNN MODEL	Level 4	2021-22
CONTENT DELIVERY NETWORK USING ATTENDANCE MONITORING SYSTEM	Level 4	2021-22
WAREHOUSE MANAGEMENT SYSTEM(MASS ORDER FULFILLMENT)	Level 4	2021-22
APPLICATION CUSTOMIZATION AND DEBUGGING IN SHOPIFY STORES	Level 4	2021-22
SKIN DISEASE PREDICTION USING CNN MODEL	Level 4	2021-22
LOCALIZATION OF ANIMALS IN IMAGES USING HOG FEATURES	Level 4	2021-22
DEVELOPING E-MUSEUM USING AUGMENTED REALITY	Level 4	2021-22
PRODUCT LIFECYCLE MANAGEMENT AND ONSHAPE INTEGRATION	Level 4	2021-22
MALWARE ANDROID APPLICATION DETECTION USING ANN	Level 4	2021-22
RASPBERRY PI NETWORK ATTACHED STORAGE SERVER	Level 4	2021-22
ALERTING MECHANISM FOR FIRE DETECTION USING DEEP LEARNING	Level 4	2021-22
HEALTHCARE LOGISTIC MANAGEMENT SYSTEM WITH FORECASTING	Level 4	2021-22
Musical Parameter Extraction through Audio Signal Processing	Level 3	2022-23
RF frontend blocks for GPS receiver	Level 3	2022-23
Nutrition Analysis by Food Recognition	Level 3	2022-23
Battery management system for automated applications	Level 3	2022-23
FPGA-NHAP: A General FPGA-Based Neuromorphic Hardware Acceleration Platform With High Speed and Low Power	Level 3	2022-23
An android based mobile application for health care management system	Level 3	2022-23
Supporting belt for blind people	Level 3	2022-23
Digital borders for cycle management inside the campus	Level 3	2022-23
Image Caption Generator for Visually Impaired People	Level 3	2022-23

Latency Reduction in broadband Communication	Level 3	2022-23
Design of Broadbeam antenna	Level 3	2022-23
A Co-Linearly Polarized Shared Radiator Based Full-duplex Antenna with High Tx-Rx Isolation using Vias and Stub Resonator	Level 3	2022-23
Crop management system for farmers	Level 3	2022-23
Non invasive Anemia detection	Level 3	2022-23
Color correction techniques in underwater imaging	Level 3	2022-23
Design and Development of LoRa based Communication for Search and Rescue Mission Robot	Level 3	2022-23
Salary estimation system using data science and machine learning	Level 3	2022-23
AI based voice assistance bot using Natural Language Processing	Level 3	2022-23
Automated bird species identification using audio signal processing	Level 3	2022-23
Product Segregation using ML	Level 3	2022-23
liot based robotic arm	Level 3	2022-23
Detection of DDos attack in SDN using Machine Learning Techniques	Level 3	2022-23
Mobile app interface for connecting mentors and mentees	Level 3	2022-23
Implementation of zero trust security in healthcare	Level 3	2022-23
Class monitoring system using wireless mesh network network	Level 3	2022-23
Advanced Encryption Standard for Quantum Cryptography	Level 3	2022-23
A Novel ASIC ML Inference Accelerator	Level 3	2022-23
Energy-Optimal and Delay-Bounded Computation Offloading in Mobile Edge Computing	Level 3	2022-23
HYBRID ANALYSIS FOR THE DETECTION OF ALZHEMER'S DISEASE USING COMPUTER AIDED DIAGNOSTIC TOOL IN MRI	Level 3	2022-23
MENTAL STRESS LEVEL ASSESSMENT BASED ON EEG SIGNALS USING MACHINE LEARNING	Level 3	2022-23
NADI SIGNAL PROCESSING AND DISEASE DETECTION	Level 3	2022-23
DEVELOPMENT OF EOG BASED CONTROL SYSTEM IN EMBEDDED PLATFORM	Level 3	2022-23
mHEALTH PLATFORM FOR BLOOD CELL COUNTING	Level 3	2022-23
ELECTRO-OCCULOGRAPHY BASED MORSE CODE HUMAN COMPUTER INTERFACE	Level 3	2022-23
MOLECULAR SCREENING OF ocimum basilicum FOR ANTI INFLAMMATORY REACTION AND ORTHOPEDIC APPLICATION	Level 3	2022-23
DEVELOPMENT OF SSVEP BASED BCI SYSTEM	Level 3	2022-23
Automated Optical Inspection for Printed Circuit Boards	Level 3	2022-23
Microcontroller Based CNC Solder Paste Dispenser	Level 3	2022-23
Detection of Ships from High Resolution satellite imagenary using Deep learning Approach	Level 3	2022-23



Performance Evaluation of SD-IOT Networks	Level 3	2022-23
Enhancing 5G Vehicle to Vehicle communication Networks	Level 3	2022-23
FPGA based high performance Multipliers using Structure of Lut Configuration	Level 3	2022-23
Area and Delay Analysis for FIR Filter using CGRA	Level 3	2022-23
Analysis of SRAM with Testing Circuit	Level 3	2022-23
Group ICA seed - Based functional Connectivity analysis of FMRI Data for Healthy and Schizophrenia subjects	Level 3	2022-23
Design and performance analysis of low-power power-on-reset circuit	Level 3	2022-23
Dynamic Congestion Control mechanism for Vanets:Enhancing end to end deley reduction	Level 3	2022-23
High gain and wideband dual podal vivaldi antenna for 5G mm wave applications	Level 3	2022-23
A conformal Miniaturized Single layer Frequency Selective Surface for Wideband Shielding application	Level 3	2022-23
Simulation and Analysis of MVDR Beamforming	Level 3	2022-23
Cluster head selection using Sunflower Optimization algorithm for IOT application	Level 3	2022-23
An energy efficient scheduling for industrial internet of things(IIoT)	Level 3	2022-23
Design of Compact Dual-Band Antenna with Single Layered AMC for Wban Applications	Level 3	2022-23
Assessment and training of gross grip strength and finger individuation	Level 3	2022-23
Development of mobile application for anemia detection in microscopic images	Level 3	2022-23
Analysis of EEG signals and study of seizures for movement of prosthetic arm	Level 3	2022-23
Experimental and finite element analysis of die based two point incremental forming	Level 2	2020-21
Evaluation of mechanical properties of aluminum 7075 - SIC and rice husk ash composites using stir casting	Level 2	2020-21
Effect on microstructural and mechanical properties of microwave sintered aluminium alloy 7075/SIC/ZRC hybrid composite through powder metallurgy route	Level 2	2020-21
Study on mechanical properties of glass and carbon fiber reinforced with polycarbonate hybrid composite for car bumpers	Level 2	2020-21
Machinability study on magnesium alloy AZ91 using wire electrical discharge machining (WEDM) and abrasive waterjet machining (AWJM) process	Level 2	2020-21
Time Series Classification Using Attention-Based LSTM And CNN	Level 4	2022-23
Significant wave Height Prediction using Recurrent Neural Networks	Level 4	2020-21
A Custom Deep Learning Approach for UAV Image –Based Classification of Weeds in Cotton Field	Level 4	2020-21
An Efficient Reason Generation System for an Explainable Recommendation system	Level 4	2020-21
Arrhythmias Heartbeat Classification using ECG Signals.	Level 4	2021-22
Prognosis of Diabetes Mellitus through Neural Networks.	Level 4	2021-22
IoT Based Cognitive Framework to Detect Insects.	Level 4	2021-22
Twitter Sentiment Analysis for Predicting Public Emotions During Covid 19 Outbreak.	Level 4	2021-22

Blockchain Based Secure and Efficient E-Voting Consensus Mechanism (SE-EvC)	Level 4	2021-22
Multi Label Classification of Arrhythmia Using Multi Lead ECG Signals	Level 4	2021-22
Adversarial Attacks: Evaluating the Robustness of CNN Architecture	Level 4	2021-22
Intelligent Intrusion Detection System for Autonomous Vehicles	Level 4	2021-22
Optimized Feature Selection Based IDS Using Modified Whale Optimization Algorithm in IoT Network	Level 4	2021-22
Voice-based captcha authentication using personalized speaker recognition	Level 4	2022-23
CROWD MONITORING SYSTEM USING MACHINE LEARNING TECHNIQUES	Level 4	2020-21
Speech to Sign Language converter	Level 4	2020-21
Math application for disabled students	Level 4	2020-21
Real time object detection for visually impaired	Level 4	2020-21
Facial expression recognition using deep learning for students	Level 4	2020-21
VEHICLES CABIN SAFETY MONITORING AND ALERTING SYSTEM	Level 4	2020-21
BLOCKCHAIN BASED ACCESS CONTROL SCHEME FOR SECURE CLOUD STORAGE	Level 4	2020-21
Music Emotion Classification Based On Lyrics	Level 4	2020-21
Secure Patient Records using Blockchain	Level 4	2020-21
HUMAN ACTIVITY RECOGNITION IN SPORTS USING DEEP LEARNING	Level 4	2020-21
Soldier Health and Position Tracking System	Level 4	2020-21
Stock price prediction	Level 4	2020-21
Digital Medicare App	Level 4	2020-21
TRADITIONAL MEDICINE RECOMMENDATION SYSTEM	Level 4	2021-22
COFFEE SUPPLY CHAIN MANAGEMENT USING BLOCKCHAIN	Level 4	2021-22
IDENTIFYING SECURITY THREATS IN SMART CONTRACT USING NEURAL NETWORKS	Level 4	2021-22
CASHFLOW FORECASTING	Level 4	2021-22
PHARMACOVIGILANCE SYSTEM ON ALLOPATHY DRUGS	Level 4	2021-22
BIOMASS COMPOSITION ESTIMATION IN CLOVER-GRASS CULTIVATION	Level 4	2021-22
APPLICATION DEVELOPMENT FOR TOSHIBA PRINTERS	Level 4	2021-22
VIRTUAL PAINTING APPLICATION	Level 4	2021-22
BLOCKCHAIN BASED TICKETING SYSTEM USING ZERO-KNOWLEDGE PROOFS	Level 4	2021-22
FEATURE SELECTION AND CLASSIFICATION OF ATTACKS IN IDS	Level 4	2021-22
AGRI-FOOD SUPPLY CHAIN USING BLOCKCHAIN	Level 4	2021-22
STUDENT EVALUATION IN ONLINE CLASS BY AUTOMATIC EXAMINATION SYSTEM	Level 4	2021-22

BLOCKCHAIN BASED E-AUCTION SYSTEM	Level 4	2021-22
PALM SCRIPT CHARACTER RECOGNITION USING CNN MODEL	Level 4	2021-22
FOOD ITEM RECOGNITION AND CALORIE PREDICTION USING DEEP LEARNING	Level 4	2021-22
BLOCKCHAIN BASED CROWDFUNDING	Level 4	2021-22
INDOOR TRACKING ANDROID APPLICATION USING BLUETOOTH	Level 4	2021-22
IOT BASED BABY MONITORING SMART CRADLE SYSTEM	Level 4	2021-22
Kid Shoe from Leather Jacket Fish Skins	Level 1	2021-22
Manufacture of Playing Cards using Leather	Level 1	2021-22
Processing and Designing of Leather Cradle	Level 1	2021-22
Versatile Upper Leather for Military Boots	Level 1	2021-22
Retanning Process with Banana Peels	Level 1	2021-22
Development of Antimicrobial Leather Sheets	Level 1	2021-22
Manufacture of Multifunctional Leather Apron with Improved Properties	Level 1	2021-22
Numerical Study on the Influence of In-Situ Stress Ratio on Stress And Deformation Characteristics of Rock Tunnel	Level 3	2020-21
Experimental and Numerical Study on Uplift Capacity of Helical Pile in Clay	Level 4	2020-21
Stabilization of Soil Using Natural Fibers	Level 3	2020-21
Durability Study on Copper Slag Stabilized Expansive Soil Under Deteriorating Environment	Level 4	2020-21
Enhancement of Soil Stabilization by Electrokinetic Process	Level 4	2020-21
Performance of the Raft Supported with Compaction Piles	Level 4	2020-21
Study on Bearing Capacity of Model Footing Resting on Stone Columns in Layered Soil	Level 4	2020-21
Analytical Study Of Steel Concrete Composite Beams	Level 1	2020-21
Analytical Investigation On Improving Punching Shear Capacity Of Volded Slab	Level 1	2020-21
Numerical Investigations On Cold-Formed Steel Built-Up columns	Level 1	2020-21
Behaviuor Of Thin-Walled Steel Built-Up Beams- Numerical Study	Level 1	2020-21
Online doctor consulting App with medicine delivery	Level 1	2022-23
An hybrid approach for brain tumor detection using features fusion	Level 4	2022-23
Vaccine supply chain management using IoT and Blockchain	Level 4	2022-23
Mining Weak Relations Between Reviews for Opinion Spam Detection	Level 4	2022-23
Heterogeneous Attention Network Model for Malicious Domain Detection	Level 4	2022-23
Multi Topology graph neural network for student performance Prediction	Level 4	2022-23
BLOCKCHAIN BASED SECURE NETWORK TRAFFIC FLOW ANALYSIS USING MACHINE LEARNING	Level 3	2022-23

Automated Faculty Information System	Level 3	2022-23
Work Automation Application for Centre for Student Affairs, Anna University - Part 1	Level 4	2022-23
Genetic Algorithm based time table generator	Level 4	2022-23
Evaluating Cognitive Constructs And Emotions Using Deep Learning	Level 4	2022-23
Department Faculty Data Management System	Level 4	2022-23
Enhancing Secure Transfer and Management of Property Ownership With Crypto System in Blockchain	Level 4	2022-23
Development of Python Package for Machine Learning based Circuit verification with GUI Support	Level 4	2022-23
Abusive comment detection in Tamil and Tamil-English code-mixed comments	Level 4	2022-23
Plagiarism detection in source code	Level 4	2022-23
Analytics and Reporting on Research Publications	Level 4	2022-23
Driver Drowsiness Detection System using Machine Learning	Level 3	2020-21
String stability of autonomous vehicle control	Level 3	2020-21
GPS based asset tracking system	Level 3	2020-21
Temperature control of coupled cstr using MPC and RTDA controllers	Level 3	2020-21
Generation of face behind the mask using Generative Adversarial Network(GAN)	Level 3	2020-21
Autonomous Railway Crossing	Level 3	2020-21
Parkinson's disease detection using Machine learning and Computer Vision	Level 3	2020-21
Deep learning based identification of retinal diseases using OCT images	Level 3	2020-21
Weed detection in agriculture field using convolutional neural network	Level 3	2020-21
Smart Security and Home Automation System	Level 3	2020-21
Predictive Control Algorithm for Coupled Four Tank MIMO System	Level 3	2020-21
Computer Aided Diagnostic System for Bone Fracture Detection	Level 3	2020-21
Improved Class E Resonant Inverter with Shunt Capacitor	Level 3	2020-21
Machine Learning Based Classification of Diabetic Foot Ulcer	Level 3	2020-21
Detection of Lesions in Pulmonary CT Images	Level 3	2020-21
Predicting Diabetes using Logistic Regression	Level 3	2020-21
Hydrogen Production And Algal Carbon Sequestration from Municipal Solid Waste	Level 1	2022-23
Smart Poly Farming	Level 1	2022-23
Controlling of pollution, preservation of natural resources through sustainable environmental engineering practices	Level 1	2022-23
Public transportation systems	Level 1	2022-23
Biogas from Food Waste	Level 1	2022-23
E-Platform for Farmers	Level 1	2022-23

Pet recycled composite ,air filter swatches for filter bag	Level 4	2022-23
Prototype of three roll surface coater (TRSC)	Level 5	2022-23
Development of “Low cost MQL set up for Machining applications	Level 4	2022-23
Implementation of Thermal Barrier Coatings for Heavy Duty Diesel Engines	Level 3	2022-23
Prebiotic enriched bread, micronutrient fortified biscuits, vitamin b12 fortified millet cereal bar, cassava flour composite wafer cones , vegetable jam slice , vegan cheese , plant based fish analo	Level 3	2022-23
Photocatalytic Membrane Reactor for the degradation of Recalcitrant Pollutants in Water (completed)	Level 4	2022-23
Multi-zone Attached Growth Batch Bio-Reactor (AGBR) Technology for the Treatment of Domestic Wastewater (Pilot-scale Reactor System, Centre for Environmental Studies, Anna University)	Level 5	2022-23
Water Purification	Level 3	2022-23
Spectroscopic properties of Eu3+:KLa(WO4)2 novel red phosphors for LED applications	Level 3	2022-23
Development Of NiCo2O4 Decorated MoS2/rGO Nanocomposites based Flexible Solid State Supercapacitor for Energy Storage Applications (MoE/STARS-1/679)	Level 3	2022-23
Tuning and Optimising PostgreSQL for Big Data	Level 4	2022-23
AUTOMATED VALIDATION OF PRESENTATION USING YOLO-V8 AND OCR	Level 4	2022-23
SMART STICK FOR VISUALLY IMPAIRED WITH WIRELESS STORAGE	Level 4	2022-23
Stock Market Trading Prediction Using Deep Learning Model	Level 4	2022-23
Machine Learning Model for Sign Language Translation	Level 4	2022-23
STEEL DEFECT DETECTION USING CNN ALGORITHM	Level 4	2021-22
MIRTH MONITORING TOOL	Level 4	2021-22
AUTOMATIC TEXT SUMMARIZATION USING NLP	Level 4	2021-22
DETECTION AND CLASSIFICATION OF DISEASE (ARRHYTHMIA) FROM ECG USING CNN MODEL	Level 4	2021-22
DETECTION OF MALICIOUS SOCIAL BOTS WITH URL FEATURES	Level 4	2021-22
FACULTY INFORMATION PROCESSING SYSTEM	Level 4	2021-22
MOBILE APPLICATION FOR RECIPE RECOMMENDATION USING YOLO AND WORD2VEC	Level 4	2021-22
AUTO SCALABLE WEB APPLICATION WITH KUBERNETES SECURED BY OAUTH2	Level 4	2021-22
PAY ROLL MANAGEMENT SYSTEM FOR PENSIONERS OF UNIVERSITY DEPARTMENTS OF ANNA UNIVERSITY	Level 4	2021-22
IMAGE FORGERY DETECTION THROUGH DBSCAN CLUSTERING	Level 4	2021-22
WASTE SEGREGATION SYSTEM USING DEEP LEARNING	Level 4	2021-22
Real-Time Abandoned Object Alert System	Level 4	2022-23
Tourist Spots Recommendation System	Level 4	2022-23

FACIAL EXPRESSION RECOGNITION FROM IMAGES USING ENSEMBLE LEARNING MODEL	Level 4	2022-23
DETECTING DEEP FAKES USING VISUAL HEARTBEAT RHYTHMS	Level 4	2022-23
Network intrusion detection system using stack ensemble and CTGAN approach	Level 4	2022-23
Document Understanding Using LayoutLMv3 for pdfs	Level 4	2022-23
Melanoma Skin Cancer Detection	Level 4	2022-23
A FEDERATED LEARNING BASED IOT INTRUSION DETECTION SYSTEM	Level 4	2022-23
AN IOT BASED MOBILE APPLICATION FOR TRACKING AN EV IN CEG CAMPUS	Level 4	2022-23
AUTOMATED RE-ORDER OF GROCERY USING INTERNET OF THINGS (IOT)	Level 4	2022-23
Trip advisor using ML technique	Level 3	2020-21
Attendace Processing Based On Face Recognition Using Deep Learning	Level 3	2021-22
Emotion based music playback system	Level 3	2021-22
REVERSE BIDDING APPLICATION	Level 3	2021-22
FLOOD PREDICTION AND ALERT SYSTEM USING IOT AND DIGITAL IMAGE PROCESSING	Level 5	2021-22
REALTIME NETWORK ANOMALY DETECTION BASED ON KAPPA ARCHITECTURE	Level 5	2021-22
AUTOMATED SECURITY AUDITS FOR WINDOWS BASED SYSTEMS USING POWERSHELL SCRIPTS	Level 5	2021-22
VIRTUAL PERSONAL FITNESS TRAINER	Level 5	2021-22
AUTOMATION IN TESTING THE INFUSION PUMP	Level 5	2021-22
Automated Testing IVCI Infusion System	Level 5	2021-22
Student sentiment analysis using machine learning	Level 5	2021-22
Deploying an application on cloud premises using AWS and integrating with Devops tools	Level 5	2021-22
AIR WRITING WITH CHARACTER RECOGNITION USING MLP MODEL	Level 5	2021-22
DETECTION OF DIABETIC RETINOPATHY AND GLAUCOMA USING IRIS RETINAL IMAGE	Level 5	2021-22
JOB RECOMMENDATION SYSTEM WITH SKILL SETS	Level 4	2021-22
Troll Meme Classification in Tamil	Level 4	2022-23
COMPUTATIONAL PREDICTION OF DRUG TOXICITY AND BINDING AFFINITY	Level 4	2022-23
Opinion Mining with Sarcasm Detection on Reddit	Level 4	2022-23
Underwater Coral Reef Health Detection	Level 4	2022-23
Waveform Prediction for Analog Circuit Using Deep Learning.	Level 4	2022-23
Automated Question Tagging System Using Multi Label Classification	Level 4	2022-23
The Hybrid learning for detection of osteosarcoma bone cancer	Level 4	2022-23
Decision Making system with AI and Data Science suggesitions	Level 1	2022-23

Machine Learning Assisted Verification Methodology for Analog and Mixed Signal Circuits	Level 5	2020-21
Sales Prediction Using Two-Level Statistical Stacked Generalization Model	Level 4	2020-21
TryOn watches using augmented reality	Level 4	2020-21
Master Data Management Application	Level 4	2020-21
Engineering Behaviour of GGBS and Natural Fibre Admixed Clay	Level 3	2021-22
Studies on Stability of Earthen Embankment Against Internal Erosion	Level 3	2021-22
Stabilisation of Clay Using Coconut Shell Ash	Level 3	2021-22
Development of high temperature Bond for Grinding Wheel	Level 1	2022-23
comparable patterns in the measuring modulus of elasticity	Level 1	2022-23
Modulus of elasticity measurement by non-destructive testing method	Level 1	2022-23
Enhancing the emissivity of cool roof tile	Level 1	2020-21
Steiner Distance Based and Wiener type Indices for Graphs	Level 1	2020-21
FACTORS THAT INFLUENCE THE TEACHING & LEARNING PROCESS IN ENGLISH LANGUAGE CLASSES IN GOVERNMENT HIGH SCHOOLS OF TIRUVALLUR DISTRICT: AN EXPLORATORY STUDY	Level 1	2020-21
A STUDY ON MEDIA USE, INFORMATION SEEKING BEHAVIOUR AND DISASTER PREPAREDNESS IN TAMIL NADU	Level 1	2020-21
Topological indices of Molecular Graphs-A Degree Based Approach	Level 1	2021-22
STUDIES ON TREATMENT OF TANNIN CONTAINING WASTEWATER FROM TANNERIES	Level 1	2021-22
MULTIFUNCTIONAL BROWNMILLERITES (KBiFe <sub>2</sub> O <sub>5</sub> AND Ca <sub>2</sub> Fe <sub>2</sub> O <sub>5</sub> ) FOR ENERGY AND ENVIRONMENTAL APPLICATIONS	Level 1	2021-22
Designing a self powered microfluidic fuel cell	Level 2	2021-22
Designing a self powered microfluidic fuel cell	Level 2	2021-22
Usage of leather buffing dust for the preparation of porous fireclay refractory	Level 2	2021-22
development of refractory castables Al <sub>2</sub> O <sub>3</sub> based self flowcastable	Level 2	2022-23
Preparation of ceramic body using waste disposal and study on their properties	Level 2	2021-22
Design and development of tape casting machine and single cell solid oxide fuel cell	Level 3	2022-23
Design of piezoelectric energy generator for sensor operating applications	Level 3	2021-22
Preparation of wollastonite from used plaster of Paris mould	Level 3	2021-22
Innovative method of water absorbing ceramic material	Level 3	2020-21
Improvement of mechanical strength of porcelain insulator using economic raw materials	Level 3	2021-22
PASSIVE SUSPENSION SYSTEM WITH HUMAN MODEL USING DOE AND GA	Level 1	2020-21
Design and development of inspection system framework for industrial inspection applications	Level 3	2020-21
Design of EMG driven bionic leg	Level 3	2020-21

Biomechanical arm actuated using emg signal	Level 3	2020-21
Development in object detection using background segmentation algorithm under varying conditions	Level 3	2020-21
Electrical power supply management in small scale hotels and apartments	Level 3	2020-21
Automated patient identifier and tablets dispenser	Level 3	2020-21
Human activity recognition using convolution neural network technique	Level 3	2020-21
Detection and warning of drowsiness/fatigue of driver while driving vehicles	Level 3	2020-21
Implementation of wireless sensor network based remote monitoring for smart irrigation system	Level 3	2020-21
IoT based wireless real-time indoor pollution monitoring and prediction system using multi sensor nodes	Level 3	2020-21
Comparison of mecanum wheel mobile base and omni wheel mobile base	Level 3	2022-23
Recommender System for Placement Preparations using Machine Learning	Level 4	2022-23
CAMPUS NAVIGATION USING AUGMENTED REALITY	Level 4	2022-23
Predictive Analysis For Demand Of Planning Raw Materials In Restaurant	Level 4	2022-23
MULTIMODAL EMOTION PREDICTION WITH FEATURE FUSION AND ATTENTION	Level 4	2022-23
Doctor's Prescription Extraction and Recognition	Level 4	2022-23
Theft control using floor mat	Level 4	2022-23
Performance studies on nano impregnated PCM based Solar Still	Level 1	2022-23
Thermal and flow characterisation of different radiator fins configurations with Ansys/CFD	Level 1	2022-23
Design and development of orthopedic surgical drill with automated depth measurement system	Level 1	2022-23
Cost estimation of polymer material fabricated by FDM process used in biomedical implants	Level 1	2022-23
Analysis of mechanical and tribological characterisation of self lubricating Al based hybrid composites	Level 1	2022-23
Influence of quenching agents and parameters on mechanical characteristics of Al 7075 hybrid metal matrix composites	Level 1	2022-23
Analysis and optimisation of steering system to eliminate torque steer in an ATV	Level 1	2022-23
Design And Development Of Spraying Drone Integrated By Fuel And Intelligent Flight Battery	Level 9	2020-21
UAV Drones For Monitoring Mining Activities	Level 6	2020-21
Single Trainer Module Drone	Level 9	2020-21
Micro UAV Drones(16 Nos) For Field Policing	Level 9	2020-21
Assessment of Plantations by utilization of UAV Technology in Performance Audit	Level 6	2020-21
Supply, Installation, Commissioning & Training of 02 (two) sets of Complete package of Unmanned Aerial Vehicle System (UAV) for surveying and mapping on Nomination basis	Level 9	2020-21



Development of an algorithm for antisurge control with Yokogawa DCS	Level 3	2021-22
Underwater communication system	Level 3	2021-22
Forensic Face sketching and recognition	Level 3	2021-22
PID tuning by Swarm based optimization techniques for TRMS	Level 3	2021-22
Implementation of PID controller using FPGA to control a real time process	Level 3	2021-22
Development of hand gesture controlled robot using PI	Level 3	2021-22
RL based control of DC servomotor.	Level 3	2021-22
Implementation and integration of CHATBOT	Level 3	2021-22
Implementation of an autonomous robot platoon	Level 3	2021-22
Development of IR energy imaging for domestic applications	Level 3	2021-22
ATM security system using DL	Level 3	2021-22
AGRICULTURAL RELATED QUERY CLARIFIER SYSTEM USING BERT MODEL	Level 4	2021-22
DIGITAL ART TRADING USING BLOCKCHAIN	Level 4	2021-22
ANDROID OFFLOADING	Level 4	2021-22
IDENTIFYING METAL PRODUCT QUALITY USING CNN MODELS	Level 4	2021-22
CONCRETE CRACK IMAGE CLASSIFICATION USING CNN AND LOCALIZATION	Level 4	2021-22
AUTOMATION FRAMEWORK & TEST ENHANCEMENT FOR CONNECTIVITY ENGINE	Level 4	2021-22
INDENTIFYING IMAGE AND OBJECT CLASSIFICATION IN ANDROID DEVICE	Level 4	2021-22
ENERGY EFFICIENCY FOR SMALL-CELL BASE STATION IN THE ULTRA DENSE 5G SMALL CELL NETWORKS	Level 4	2021-22
VIDEO STEGANOGRAPHY USING LSB MECHANISM	Level 4	2021-22
EMOTION CLASSIFICATION USING RANDOM FOREST	Level 4	2021-22
Adsorption Of Heavy Metals Using Adsorbent Column Study	Level 3	2021-22
Path Loss Modelling : A Gis Based Approach	Level 3	2021-22
Assessment Of Ground Water Quality For Drinking Water Purposes By Using Geomatics	Level 3	2021-22
Numerical Study on Performance of Soil Nail Wall as Support System	Level 4	2021-22
Controlling the Seismic Induced Earth Pressure on Retaining Wall using Vertical Inclusion at Wall-backfill Interface	Level 4	2021-22
Numerical Study on Uplift Capacity of Helical Pile in Layered Soil	Level 4	2021-22
Effective capturing of CO2 and PM2.5 using Porous Polymeric Materials in Air filtration	Level 4	2020-21
FACILE SYNTHESIS AND CHARACTERIZATION OF COMPOSITIONALLY MODIFIED TITANIA BASED NANO MATERIALS TO ENHANCE SUNLIGHT PHOTOCATALYTIC ACTIVITY	Level 4	2020-21
COIR RETTING WASTEWATER TREATMENT USING MEMBRANE BIOREACTOR AND ANAEROBIC REACTOR COMBINED WITH ADVANCED OXIDATION PROCESS	Level 4	2020-21

ANALYSIS OF NORMAL AND ABNORMAL ELECTROMYOGRAMS USING FRACTIONAL CALCULUS AND COMPUTATIONAL INTELLIGENCE	Level 4	2020-21
A Study on Friction stir welding of Aluminium Metal Matrix Composite using coated tools	Level 4	2021-22
EXPERIMENTAL AND ANALYTICAL STUDY ON BEHAVIOUR OF TUBULAR CONVEYOR GALLERY	Level 4	2021-22
STUDIES ON ADVANCED OXIDATION TECHNOLOGY FOR DEGRADATION OF TEXTILE DYES USING UV-LED IN COMBINATION WITH NANOTECHNOLOGIES	Level 4	2021-22
Study on Shear Connectors in Steel - Concrete Composite Construction	Level 4	2021-22
Enhancement of Mechanical Properties of Polymer Matrix Composite using Different Functionalization of Multiwalled Carbon nanotubes.	Level 4	2021-22
Investigations on surface modification of polymer based metal ions incorporated hydroxyapatite nanocomposite coatings by ion implantation and irradiation	Level 4	2021-22
Preparation & Characterisation of Low cost high performance nano porous ceramic membrane for wastewater treatment	Level 4	2021-22
STUDY ON VARIOUS PRETREATMENT PROCESSES IN MEMBRANE BIOREACTOR FOR TANNERY WASTEWATER TREATMENT TO REDUCE BIOFOULING	Level 4	2021-22
SYNTHESIS AND CHARACTERIZATION OF LAYERED SEMICONDUCTOR COMPOSITE CATALYSTS FOR PHOTOCATALYTIC APPLICATIONS	Level 4	2021-22
SYNTHESIS AND CHARACTERIZATION OF LAYERED SEMICONDUCTOR COMPOSITE CATALYSTS FOR PHOTOCATALYTIC APPLICATIONS	Level 4	2021-22
Fuels and Fuel Additives from Biomass Derived Levulinic Acid over Metal/Non-Metal Impregnated Mesoporous Catalysts	Level 4	2021-22
An Efficient Framework for Segmentation and Classification of Water- Bodies from Aerial Images	Level 4	2021-22
PERFORMANCE OF LATEX MODIFIED HYPO SLUDGE BASED BASALT FIBRE REINFORCED CONCRETE	Level 4	2021-22
A Study on Mechanical and Tribological Properties of Zirconiumdiboride Reinforced AA7075 Composites with Different Solid Lubricants of HBN and WS2 Conditions	Level 4	2021-22
DESIGN AND ANALYSIS OF RECONFIGURABLE SRAM BASED FPGA ARCHITECTURES	Level 4	2021-22
CERAMIC BIONANOCOMPOSITES FOR BONE APPLICATION	Level 4	2021-22
Effective Utilization of Sugarcane Bagasse Ash and Marble Waste in Construction Products	Level 4	2021-22
ANALYSIS OF FUNDUS IMAGES FOR DETECTING DIABETIC RETINOPATHY	Level 4	2021-22
Catalytic Hydrolysis of Fruit Waste using Heterogeneous Catalyst for Bioethanol Production	Level 4	2021-22
Studies on removal of Pb (II) from aqueous solution and industrial effluents using green solvents	Level 4	2021-22
Energy and nutrient recovery from carbon rich food waste by sequential integration of two stage anaerobic digestion and constructed bioptic system	Level 4	2021-22
QUASI-SOLID STATE DYE-SENSITIZED SOLAR CELLS BASED ON VARIOUS POROUS POLYMER MEMBRANES FOR SUSTAINABLE CLEAN ENERGY	Level 4	2021-22
TRIBOLOGICAL CHARACTERIZATION OF POLY ETHER ETHER KETONE (PEEK) FILLED WITH CARBONACEOUS SOLID LUBRICANTS AND SYNTHETIC DIAMOND PARTICLES	Level 4	2021-22

IMPROVING DATA DEDUPLICATION PERFORMANCE IN CLOUD STORAGE	Level 4	2022-23
AN INTELLIGENT SYSTEM FOR ASPECT-BASED OPINION MINING SUBTASKS USING MACHINE LEARNING TECHNIQUES AND GRAPH ANALYSIS	Level 4	2022-23
A NOVEL WEIGHT ASSIGNMENT BASED IMAGE RETRIEVAL USING BoVW MODEL AND DEEP HASHING TECHNIQUES	Level 4	2022-23
Study on the setting characteristics and micro structural properties of alkali activated flyash and GGBS blended Geo-polymer pastes	Level 4	2022-23
Reduction of NOx emissions in diesel engine by selective catalytic reduction using alternative ammonia sources and manganese based catalysts	Level 4	2022-23
STREAM DATA ANALYSIS USING ADVANCED MACHINE LEARNING APPROACHES	Level 4	2022-23
STUDIES ON THE SYNTHESIS, CHARACTERIZATION AND APPLICATIONS OF THERMO SETTING POLYMER-CLAY NANOCOMPOSITES	Level 4	2022-23
SOME INVESTIGATIONS ON IMPACT OF STATCOM ON LOSS OF EXCITATION PROTECTION	Level 4	2022-23
DETECTION OF COMPROMISED NODES AND PREVENTION OF FALSE DATA INJECTION IN WIRELESS SENSOR NETWORKS	Level 4	2022-23
SEMANTIC AND DEEP LEARNING BASED PRIOR ART QUERY FOR ABSTRACTIVE PATENT SUMMARIZATION	Level 4	2022-23
Facial recognition on partially occluded images using approximation algorithms	Level 4	2022-23
Enhancement of Electro Thermal characteristics of Nanocomposite based surge arrester	Level 4	2022-23
Studies on Prediction of Resource Contention in Cloud and Edge Computing Architectures Using Markov Models	Level 4	2022-23
AN IMPROVED FEATURE EXTRACTION TECHNIQUES FOR GENDER CLASSIFICATION AND AGE ESTIMATION	Level 4	2022-23
INVESTIGATIONS ON MOS CURRENT MODE LOGIC USING REVERSIBLE GATES IN DIGITAL CIRCUITS	Level 4	2022-23
DEADLINE CONSTRAINED RESOURCE PROVISIONING AND SCHEDULING ALGORITHM FOR MULTIPLE SCIENTIFIC WORKFLOWS ON WAAS CLOUD	Level 4	2022-23
FABRICATION, PERFORMANCE AND STABILITY ANALYSIS OF THE LEAD/BISMUTH BASED INVERTED PLANAR DEVICE STRUCTURED PEROVSKITE SOLAR CELLS	Level 4	2022-23
FABRICATION OF BIO-INSPIRED NANOSTRUCTURED TITANIUM IMPLANTS FOR ORTHOPAEDIC APPLICATIONS	Level 4	2022-23
A pilot scale study on treatment on sewage by aerobic SBR and SBBR followed by UVC $\rightarrow$ Led disinfection of reuse	Level 4	2022-23
SECURE STORAGE AND RETRIEVAL OF ELECTRONIC MEDICAL RECORDS (EMR) IN CLOUD-FOG COMPUTING ENVIRONMENT	Level 4	2022-23
EFFICIENT DATA TRANSMISSION IN MULTI-HOP COGNITIVE RADIO NETWORKS USING ARTIFICIAL INTELLIGENCE-BASED EXPERT SYSTEMS	Level 4	2022-23
DESIGN OF EFFICIENT AND EFFECTIVE DEEP LEARNING ARCHITECTURES FOR PROCESSING THE AGRICULTURAL IMAGES TO IMPROVE THE PERFORMANCE OF SMART FARMING	Level 4	2022-23
A STUDY AND DEVELOPMENT OF OBJECT DETECTION AND TRACKING APPROACHES IN UAV VIDEOS	Level 4	2022-23

SEQUENCE MATCHING AND DEEP LEARNING TECHNIQUES FOR EARLY-STAGE DETECTION OF PARKINSON DISEASE THROUGH MULTI	Level 4	2022-23
STUDIES ON PRODUCTION OF BIOETHANOL FROM CORNCOB AND PALMYRA PEEL USING MAGNETIC CARBONACEOUS SOLID ACID NANOCATALYST	Level 4	2022-23
CERAMIC OXIDE COATED AZ31 MG ALLOY FOR BIOMEDICAL APPLICATIONS	Level 4	2022-23
Development of Novel UV-LED Photocatalytic Reactor and Performance Evaluation of Fluorescent Dye degradation using Graphene oxide	Level 4	2022-23
QUANTIFICATION,ESTIMATION OF NONLINEARITIES AND DEVELOPMENT OF CO-ORDINATED CONTROL SCHEMES-CASE STUDIES	Level 4	2022-23
DESIGN AND ANALYSIS OF PIEZOELECTRIC ENERGY HARVESTERS WITH AND WITHOUT OPTIMIZATION TECHNIQUES	Level 4	2022-23
Automatic Detection and Classification of Retinal Images Using Machine Learning Approaches	Level 4	2022-23
FUNCTIONALITY IMPROVEMENT OF READY- TO-EAT/COOK FOODS USING MICROBIAL EXO-POLYSACCHARIDES	Level 4	2022-23
OPTIMUM DESIGN OF PERFORMANCE ENHANCED REFLECTARRAY ANTENNAS WITH RECONFIGURABLE CHARACTERISTICS	Level 4	2022-23
SYNTHESIS OF DOUBLE PEROVSKITE AND TERNARY TYPE ) RED PHOSPHORS FOR pc-LED AND FORENSIC APPLICATIONS	Level 4	2022-23
CERTAIN INVESTIGATIONS ON MPPT CONTROLLERS FOR PHOTOVOLTAIC SYSTEM WITH SUPER LIFT BOOST CONVERTER	Level 5	2020-21
PERFORMANCE EVALUATION OF DIELECTRIC FLUIDS IN MICRO ELECTRICAL DISCHARGE MILLING OF Ti-6Al-4V ALLOY	Level 5	2020-21
DEVELOPMENT OF USER REVIEW DEFECT CORRECTIVE MODEL FOR EMBEDDED SOFTWARE PRODUCTS	Level 5	2020-21
EXPERIMENTAL INVESTIGATION OF THERMITE HEAT ASSISTED HYBRID FRICTION STIR WELDING OF ALUMINUM BRONZE ALLOYS	Level 5	2020-21
Behaviour of Beam-Column Sub Assemblies under Seismic Loading	Level 5	2020-21
ECO-FRIENDLY SYNTHESIS OF GOLD AND SILVER NANOPARTICLES FOR SELECTIVE AND ULTRASENSITIVE SPECTROSCOPIC DETECTION OF MERCURIC ION IN AQUEOUS SYSTEMS	Level 5	2020-21
Integrated geospatial techniques to assess environmental degradation due to industries in and around Vellore, South India	Level 5	2020-21
Effect of cryogenic treatment on Mechanical and Corrosion behaviour of friction stir welded AA5083 thick plates	Level 5	2020-21
ELECTROCHEMICAL MICROMACHINING STUDIES ON NITINOL AND AISI 304 STAINLESS STEEL	Level 5	2020-21
Incorporating Popularity in Personalized News Recommendation System based on Social Media Mining	Level 5	2020-21
EMPIRICAL INVESTIGATION ON THE IMPACT OF SUPPLY CHAIN RISK, INTEGRATION, SUSTAINABILITY AND ETHICS ON SUPPLY CHAIN COMPETITIVENESS OF INDIAN MANUFACTURING INDUSTRIES	Level 5	2022-23
Formulation and Characterisation of Starch based film, coating and Fabrication of coating machine for Paper Boards	Level 5	2022-23
IMPROVING NETWORK QoS PARAMETERS FOR VIDEO STREAMING IN MOBILE CLOUD	Level 5	2022-23

BEHAVIOR OF CONCRETE BEAMS WITH HYBRID REINFORCEMENT UNDER FLEXURE	Level 5	2022-23
Integrated approach of ecosystem services for regional sustainability and mine reclamation with a special focus on health and environmental risks due to radionuclides in a clustered mining region of c	Level 5	2022-23
SECURED DATA STORING USING LAYERED ROBUST STORAGE AND PRIVACY PRESERVING TECHNIQUE IN CLOUD COMPUTING	Level 5	2022-23
Carbon based transition metal oxide nanocomposites for energy and environmental applicationsfor	Level 5	2022-23
EFFECTIVE OFFLOADING TECHNIQUES FOR DYNAMIC RESOURCE PROVISIONING IN MOBILE CLOUD COMPUTING	Level 5	2022-23
IN-VIVO WOUND HEALING EFFICACY OF PECTIN-BASED BIOPOLYMERIC FILMS WITH NANOSILVER AND PLANT EXTRACTS	Level 5	2022-23
DESIGN AND DEVELOPMENT OF HIGHER ORDER SLIDING MODE CONTROL FOR DC DRIVES	Level 5	2022-23
DESIGN AND IMPLEMENTATION OF VARIOUS TOPOLOGIES OF MULTILEVEL INVERTERS FOR ENHANCED PERFORMANCE	Level 5	2022-23
An Investigation of photoneutron dose equivalent produced in 10MV and 15MV Photon beams of a Medical LINAC : A Comparative Study	Level 5	2022-23
DEMAND RESPONSE MODELLING AND ANALYSIS IN SMART GRID	Level 5	2022-23
Fault Diagnosis of Three Phase Induction Motor using Thermal Image Processing	Level 3	2020-21
Credit Card fraud detection using machine learning	Level 3	2020-21
Performance analysis of wireless networked control system under various network constraints	Level 3	2020-21
Performance analysis of PID, IMC and MRAC controllers for pH neutralisation	Level 3	2020-21
Deep learning based predictive control for LTTD process	Level 3	2020-21
Neural Network Controller Design for Three Tank System	Level 3	2020-21
Skin cancer Detection using Neural network	Level 3	2020-21
Extended kalman filter design for vehicle position tracking using Lidar,GPS,IMU	Level 3	2020-21
Indoor location based services using Wi-Fi	Level 3	2020-21
Detection of Mellowness of Fruits using Thermal Imaging	Level 3	2020-21
Detection of Fake News using Machine Learning	Level 3	2020-21
Localization of Epileptic Seizures using Matlab	Level 3	2020-21
Arrhythmia classification with comparative analysis	Level 3	2020-21
Autonomous Parking System	Level 3	2020-21
Inter-cranial neoplasm detection using deep learning	Level 3	2020-21
Virtual Eye for Visually Challenged People	Level 3	2020-21
Computer Assisted Distance and Safety Monitoring System	Level 3	2020-21
Design and Development of vehicle monitoring system using CAN protocol	Level 3	2020-21

An optimized hybrid fractional order controller based frequency regulation of multi area power systems	Level 3	2020-21
Autoencoder using transfer learning	Level 3	2020-21
Image Captioning using Deep Learning Techniques	Level 4	2022-23
Underwater Trash Detection using Deep Learning Technique	Level 4	2022-23
Identification of Parkinson's Disease Using Speech and Spiral Images	Level 4	2022-23
Cab Driver Trip Suggestion based on Drowsiness Levels	Level 4	2022-23
CAD system to Diagnose Interstitial Lung Disease	Level 4	2022-23
Image Inpainting for Restoration and Object Removal	Level 4	2022-23
Emotional Analysis of Multilingual Text Data	Level 4	2022-23
Moving Vehicle Speed and Distance Estimation in Autonomous Vehicles	Level 4	2022-23
Instruction Summarizer	Level 4	2022-23
Attack Surface Monitoring for Multi Cloud Solutions	Level 4	2022-23
Image Based Virtual Try on Clothes	Level 4	2022-23
E-Scrutiny Portal for Anna University Admissions	Level 4	2022-23
Forensic Investigation on WhatsApp Messenger using Sentiment Analysis	Level 4	2022-23
Low Code Platform Development	Level 4	2022-23
Work Automation Application for Centre for Student Affairs, Anna University, Part - 2	Level 4	2022-23
Mobile Application for Dynamic Public Transport Recommendation System	Level 4	2022-23
Secure Sharing of Medical Images	Level 4	2022-23
A Hybrid Book Recommendation System using Collaborative and Content Based Filtering	Level 4	2022-23
Secure sharing of medical report using IPFS and Blockchain	Level 4	2022-23
Conversational AI- Powered Intelligent Product Security Suite	Level 4	2022-23
Android Application for Assisting Blind People with Tamil Vocal Feedback	Level 4	2022-23
ENHANCING FOOD SUPPLY CHAIN EFFICIENCY AND TRANSPARENCY THROUGH BLOCKCHAIN TECHNOLOGY	Level 4	2022-23
VEHICLE CLASSIFICATION AND DYNAMIC TRAFFIC SIGNAL TIMER CONTROL SYSTEM USING UAV	Level 4	2022-23
Conversational Docs: An AI Conversational Interface for Document Interaction	Level 4	2022-23
CERTAIN INVESTIGATIONS ON GRADING OF DIABETIC RETINOPATHY IN DIGITAL FUNDUS IMAGES	Level 3	2020-21
Study on Influence of Toll Plaza discharge on capacity flow of Downstream road stretches	Level 5	2022-23
Study the effect of exclusive bus lane on heterogeneous Traffic flow in Chennai City	Level 5	2022-23
Impact of climate change on ground water quality of Chennai	Level 4	2020-21
Mapping of Water Quality Index in Cauvery River of Trichy City using GIS software	Level 4	2020-21

Post treatment of biologically treated wastewater using a sequence of Advanced Oxidation Process and Adsorption	Level 4	2020-21
Monitoring of hydrogen supplied and methane in manhole	Level 4	2020-21
A study on application of black soldier fly ( <i>Hermetia illicens</i> ) for handling bio-solids	Level 4	2020-21
Effect of municipal solid waste compost on the distribution of plastic debris on the microbial population in agricultural soils	Level 4	2020-21
Studies on Characterisation and Filtration of Microplastics from Synthetic Cloth Washing	Level 4	2020-21
Wind Turbine site Selection Using Artificial Intelligence Technologies	Level 4	2020-21
Occurrence of Coliforms in Biofilms developed on Microplastics in Adyar Estuary	Level 4	2020-21
New Fuzzy Based Model Water Quality Index(WQI) for Sasthamkotta Lake, Kerala	Level 4	2020-21
Isolation and Identification of Sulfonamide Antibiotics Degrading Bacteria from long-term Animal Manure amended Soil	Level 4	2020-21
Carbonation of Magnesium Silicate Bearing Waste and its Suitability as Building Material	Level 4	2020-21
Antimicrobial activity of leather coated with copper nanoparticles	Level 1	2020-21
Development of Hockey Stick Grip from Leather	Level 1	2021-22
Synthesis of some silicates doped with Eu <sup>3+</sup> and Estimation of luminescence properties for red phosphors	Level 3	2020-21
EMBEDDED VISION SYSTEMS FOR SMALL SCALE AUTONOMOUS WM-ROBOT	Level 3	2020-21
TRUSTABLE USER RECOMMENDATION USING SEMANTIC PROVENANCE MODEL	Level 3	2020-21
RELATIONSHIP BETWEEN REGULATORY FOCUS, LEADER-MEMBER EXCHANGE AND INNOVATIVE WORK BEHAVIOUR: THE MEDIATING ROLE OF WORK ENGAGEMENT	Level 3	2020-21
CHARACTERIZATION OF OIP FOR VARYING THICKNESS AND CONDITION ASSESSMENT AFTER REPEATED TRANSIENTS	Level 3	2020-21
A STUDY ON THE EFFECT OF PRECIPITATED CaCO <sub>3</sub> , CaBr <sub>2</sub> , AND CaB <sub>6</sub> PARTICLES ON FRICTION AND WEAR BEHAVIOR OF Ni-P COMPOSITE COATINGS	Level 3	2020-21
INVESTIGATION ON MECHANICAL AND THERMAL PROPERTIES OF HYBRID FIBER REINFORCED EPOXY COMPOSITES	Level 3	2020-21
PROVENANCE MODEL FOR USER RECOMMENDATION IN SOCIAL NETWORK	Level 3	2020-21
BIOTEMPLATED NANO TITANIA FOR PHOTOCATALYTIC, ANTIMICROBIAL AND ANTITUMOR APPLICATIONS	Level 3	2020-21
Synthesis and Characterization of Poly [N-(2-Hydroxypropyl) methacrylamide] scaffolds for biomedical applications	Level 3	2020-21
Effect of silica nanoparticles loading on mechanical, thermal, free vibration and hydrostatic pressure response of filament wound basalt/epoxy and E-glass/epoxy composite tubes	Level 3	2020-21
Studies on Mechanical and Acoustic Properties of Natural Fibres Reinforced Polypropylene Composites	Level 3	2020-21
IMPROVED SECURE CLOUD DATA STORAGE FRAMEWORK	Level 3	2020-21
EXPERIMENTAL AND NUMERICAL ANALYSIS ON ELECTRICAL RESISTANCE SPOT WELDED DISSIMILAR STAINLESS STEEL ALLOYS	Level 3	2020-21

STUDIES ON MECHANICAL, TRIBOLOGICAL, CHEMICAL AND THERMAL BEHAVIOUR OF FILLER PARTICLES REINFORCED BASALT FIBER/EPOXY COMPOSITES	Level 3	2020-21
ENHANCED NETWORK ASSISTED - MEDIA AWARE PROTOCOLS (ENA-MAP) FOR SCALABLE VIDEO MULTICASTING	Level 3	2020-21
Investigation of Rear Cavity Effects on Drag of Square Back Road Vehicle	Level 2	2020-21
Transonic shock oscillation control in supercritical airfoil under buffet region	Level 2	2020-21
Computational Analysis of Jet Control for High Speed Jets Using Circular Perforated Tabs	Level 2	2020-21
Design and analysis of Droop-Dolphin Headed Leading edge in an Airfoil with Droop at Different Chord Locations	Level 2	2020-21
Comparative Study of Jet Characteristics in Various Nozzle Geometries For Subsonic Application	Level 2	2020-21
Study On Wake Analysis Behind Wind Turbine Tower of Various Taper Ratio	Level 2	2020-21
Study Of Acoustic Behavior Of Truncated Aero spike Nozzle With Base Bleed	Level 2	2020-21
Design & Simulation Of Deployable Structures From The Compact Mechanism Of Folding Hind wings In The Insect Earwig	Level 2	2020-21
A Solid Strut Injection System As An Alternative For Thrust Vector Control Of Aerospace Vehicles	Level 2	2020-21
Numerical Study On Sprayand Combustion Characteristics Of Pintle Injector Forliquid Rocket Engine	Level 2	2020-21
Cfd Analysis Of A Dual Mode Scramjet Combustor	Level 2	2020-21
Design And Analysis Of An Co-Axial Multirotor Unmanned Aerial Vehicle For Survey Applications	Level 2	2020-21
An IoT based Intelligent vehicle monitoring system with V2V communication over Li-Fi	Level 2	2022-23
Smart Cities and Academia towards Action and Research (SAAR)	Level 3	2021-22
Analysis of Crew Safety Against Mine Blast	Level 1	2021-22
ASTROGLIAL BIOTIN DEPRIVATION INHIBITS AUTOPHAGY TO ELICIT ENDOPLASMIC RETICULUM STRESS BY UNCOUPLING BRANCHED CHAIN AMINO ACIDS-mTORC1 ROLE IN LIPOGENESIS IN THE AGING BRAIN	Level 1	2020-21
DISTINCT BIOTIN UTILIZATION BETWEEN ADIPOSE AND BRAIN AND ITS EFFECTS ON MITOCHONDRIAL DYNAMICS UNDER AGING	Level 1	2020-21
Energy Performance Analysis of a Residential building for Sustainable Design using BIM	Level 2	2022-23
Qualitative and quantitative study to assess the construction technologies adopted in small and medium scaled projects	Level 2	2022-23
Delay and Cost Overrun in Construction Projects	Level 2	2022-23
Performance of smart dynamic concrete using recycled coarse aggregate	Level 3	2022-23
Design and Analysis of Inclined Shear Wall	Level 3	2022-23
Effects of edge stiffened square shapped web openings on the behaviour of cold-formed steel channel sections under compression	Level 3	2022-23
Impacts of Transport on Economy using advanced methodology	Level 3	2022-23



Engineering Properties of Corn Stalk Ash Stabilized Black Cotton Soil	Level 3	2022-23
Soil Water Characteristics Curves of Canal Embankment Soil	Level 3	2022-23
Geotechnical Properties of Teri Sediments of Tirunelveli District, Tamilnadu	Level 3	2022-23
Stabilization of Expansive Soil Using Palm Oil Fuel Ash With Cow Dung Ash	Level 3	2022-23
Analytical Study On Bond Behaviour Of Tmt Deformed Bars	Level 3	2022-23
Study Of Properties Of Limestone Calcined Clay Cement Concrete	Level 3	2022-23
FABRICATION AND SUITABILITY ANALYSIS OF NATURAL FIBRES REINFORCED BIO-HYBRID COMPOSITES FOR AUTOMOBILE INTERIOR APPLICATIONS	Level 3	2022-23
STEREOVISION BASED FORCE ESTIMATION WITH STIFFNESS MAPPING IN ROBOTIC-ASSISTED SURGICAL TOOL INSERTION USING RECURRENT NEURAL NETWORK	Level 3	2022-23
An Intelligent and sustainable firefighting rover	Level 4	2021-22
CLIMATE PREDICTION MODELLING FOR NORTHEAST MONSOON PATTERN OVER COASTAL TAMIL NADU WITH GLOBAL AND LOCAL PARAMETERS	Level 3	2022-23
SYNTHESIS, CHARACTERIZATION AND ELECTROCHEMICAL INVESTIGATION OF HETEROATOMS INCORPORATED REDUCED GRAPHENE OXIDE AND CARBONACEOUS MATERIALS FOR SUPERCAPACITOR APPLICATIONS	Level 3	2022-23
EXPERIMENTAL INVESTIGATION ON THE MARTENSITIC TRANSFORMATION IN NITI AND TRIP STEEL	Level 3	2022-23
DESIGN, SIMULATION AND VALIDATION OF CONTROLLER FOR SEMI-ACTIVE SUSPENSION SYSTEM	Level 3	2022-23
Device to Reduce inter fibre friction in roller drafting system for yarn manufacture	Level 4	2021-22
Freshness Indicators for Meat/ food packaging.	Level 4	2021-22
3D food printer	Level 3	2021-22
Nadi Device for identification of fitness	Level 4	2021-22
Smart Wearable Device	Level 3	2021-22
High Efficiency Thermal Energy Storage Systems	Level 5	2021-22
Prefabricated Concrete technology	Level 5	2021-22
Electro magnetic forming machine for thin sheets	Level 3	2021-22
Predictions On Cricket Using Machine Learning	Level 4	2021-22
Recognition of Named Entities in Mahabharat	Level 4	2021-22
Revamping Healthcare Insurance using BlockChain & DNA Cryptography	Level 4	2021-22
Road Crack Detection and Analysis	Level 4	2021-22
Secure Hybrid Steganography Message System For Confidential Data Transfer	Level 4	2021-22
Secure Medical Data Transmission Via an Open Network	Level 4	2021-22
Semantic Analysis in Mahabharat	Level 4	2021-22
Sentiment Analysis of Song Lyrics and Audio using SMO	Level 4	2021-22
Skin Disease Classification Using CNN	Level 4	2021-22

Sleep apnea classification by signal processing	Level 4	2021-22
Social Distancing Analyzer using deep learning	Level 4	2021-22
Stacked Ensemble with DNN for Anomaly based intrusion detection	Level 4	2021-22
StockChain - A Blockchain Storage Solution	Level 4	2021-22
Suicidal ideation detection using ColBert	Level 4	2021-22
Tamil Educational Learning App for Primary School Children using immersive VR	Level 4	2021-22
Thyroid Nodules Type Detection using CNN	Level 4	2021-22
Tweet Analysis	Level 4	2021-22
Unmanned vehicle navigation using machine learning techniques	Level 4	2021-22
Video Captioning Using CNN-LSTM	Level 4	2021-22
IoT framework for Heart Disease Prediction	Level 5	2021-22
Fault Diagnosis of Electrical Power Systems	Level 4	2022-23
Automatic Quiz Generation From Given Texts Using NLP	Level 4	2022-23
TEXT BASED EMOTION CLASSIFICATION SYSTEM USING HYBRID MODEL	Level 4	2022-23
Alumni Student job portal	Level 4	2022-23
Detecting the signs of depression using social media	Level 4	2022-23
An Investigation on the Wear and Corrosion Behaviour of AZ91D/UHTC Magnesium Composites	Level 1	2021-22
STUDIES ON FUNCTIONALIZED POLYSILOXANES & POLY ISOBUTYLENE BASED DISPERSING AGENTS IN IMPROVING THE DISPERSION OF SILICA IN THE POLYMER MATRIX FOR DEVELOPING ECO-FRIENDLY TYRES	Level 1	2021-22
STUDY ON BIOGAS ENHANCEMENT USING GREEN SYNTHESIZED NANO-CATALYST BY ANAEROBIC DIGESTION AND MODELING 2)AN INVESTIGATION ON THE PRODUCTION OF LACTIC ACID, BIO-HYDROGEN AND BIO-METHANE FROM ORGANIC S	Level 1	2021-22
hydrogenation of biomass derived compounds to fuel additives over Ni-Cu catalysts supported on mesoporous silicates	Level 1	2022-23
CERTAIN INVESTIGATIONS ON SPEECH ENHANCEMENT ALGORITHMS FOR EFFICIENT SPEECH RECOGNITION	Level 1	2022-23
POLYNOMIALS FOR TOTAL CONNECTED AND PERFECT DOMINATION IN GRAPHS	Level 1	2022-23
ENHANCING IT EMPLOYEES FLOURISHING WITH PSYCHOLOGICAL CAPITAL IN TAMIL NADU: A MODERATED MEDIATION MODEL	Level 1	2022-23
On Star Edge Coloring of Graphs	Level 2	2020-21
SIMULATION OF MID INFRARED QUANTUM CASCADE LASER AND ITS APPLICATION TO FREE SPACE OPTICAL LINKS	Level 2	2020-21
Forecasting the Load and Renewable energy source using hybrid techniques	Level 2	2020-21
Investigation on microorganisms in microbial fuel cell operation for simultaneous effluent treatment and electricity generation	Level 3	2021-22
Experimental Study On the strength and Durability Performance Of The Self Healing Cement Mortar	Level 2	2020-21

Determination of Damping Constant of Cemented Sand and Silty Sand Using Bender Element Test	Level 3	2020-21
SYNTHESIS AND CHARACTERIZATION OF METAL SULPHIDES AND METAL OXIDES FOR GAS SENSING APPLICATIONS	Level 3	2022-23
SEQUENCE MATCHING AND DEEP LEARNING TECHNIQUES FOR EARLY-STAGE DETECTION OF PARKINSON'S DISEASE THROUGH MULTI-MODALITIES	Level 3	2022-23
Impact on pressure recovery and performance characteristics caused due to change in lip profile of a subsonic diffuser of a generic combat aircraft	Level 1	2022-23
Design and analysis of inlet and isolator for dual mode scramjet engine	Level 1	2022-23
Character and analysis over multi stepped airfoil	Level 1	2022-23
Numerical investigation of force coefficients over hypersonic models	Level 1	2022-23
Drag Reduction on A Body Using Circular and Hexagonal Dimples	Level 1	2022-23
Estimation of Stall Angle for a Blended Wing Body	Level 1	2022-23
Packaging Film From Chitosan, Natamycin and Potato Starch	Level 4	2021-22
pH responsive biopolymer film for packaging application	Level 4	2021-22
Application of biodegradable corn starch films in food packaging	Level 4	2021-22
Synthesis of Active PLA/PCL based Blended Composite Biodegradable Film for Packaging Applications	Level 4	2021-22
A Study on Barriers affecting women's mobility in Bus transportation :A case study of Chennai	Level 5	2022-23
Investigation of factors influencing Pavement Condition Index for Indian Roads.	Level 5	2022-23
Behaviour of composite roofing tiles using industrial waste material	Level 6	2022-23
Experimental study – Replacement of fine aggregate in concrete using industrial waste slag	Level 6	2022-23
Ground improvement using stone column and prefabricated vertical drains – A Comparative study	Level 6	2022-23
Study on Disinfection byproducts in Water and Wastewater	Level 6	2022-23
Development of Platoon Dispersion model for heterogeneous traffic flow for effective signal coordination	Level 6	2022-23
Study on travel time analysis of MTC buses using GPS data	Level 6	2022-23
Urban Freight Tour Generation Modelling using Spatial Data	Level 6	2022-23
Estimation of Passenger car unit of urban roads under mixed traffic condition	Level 6	2022-23
Study on Pedestrian Perception and fear of crime based on Urban street setting	Level 6	2022-23
Study on Feasibility of Planning Universal Design facilities for disabled in Public Transportation (Metro & MRTS)	Level 7	2022-23
Study on Feasibility of Micromobility services in newly developing transportation corridor in Chennai	Level 7	2022-23
Parking Demand Management through Parking Pricing	Level 7	2022-23
Improving the physical characteristics of cricket ball leather	Level 1	2020-21

Design and Trend Predictions of Footwear During Autumn/Winter 21/22 for Indian Market	Level 1	2020-21
Numerical Modelling of salt pan impacts on groundwater quality	Level 5	2020-21
Optimization of Trammel Screen Performance in Biomining Process	Level 5	2020-21
Managing Methane Emission from Rice Ecosystem using Cyanobacteria	Level 5	2020-21
Utilization of Kitchen Chimney Flue Gas and Urine waste to get Valuable Product	Level 5	2020-21
Impact of rework on construction project cost and duration	Level 5	2020-21
Performance tracking of construction project using earned value management	Level 5	2020-21
Analyzing the factors causing commissioning and handing over risk using interpretive structural modelling	Level 5	2020-21
Analytical investigation of laterite concrete blended with metakaolin	Level 5	2020-21
Impact of Pandemic on Resource in terms of Cost and Schedule of a Construction Project	Level 5	2020-21
Analytical investigation of laterite concrete using r studio software	Level 5	2020-21
Study on stress factors affecting workforce productivity in construction projects	Level 5	2020-21
Analysis and management of workforce in construction project to optimize cost	Level 5	2020-21
Impact of Climate change on Groundwater Quality in Coimbatore smart city areas	Level 6	2020-21
A study on risk management in EPC contracts	Level 6	2020-21
Material waste assessment using BIM - DAS (Deconstructability Assessment Score)	Level 6	2020-21
Clash detection in a multistorey building using BIM application	Level 6	2020-21
A simulation study on building fire safety using BIM	Level 6	2020-21
Prediction analysis by learning curve models	Level 6	2020-21
A comparative research study of delays and cost overruns in construction projects in India and East Africa	Level 6	2020-21
Estimation of probability on delay in desalination plant construction projects in Lakshadweep island	Level 6	2020-21
Factors affecting schedule of construction projects in war affected regions	Level 6	2020-21
Bim-Assisted Rework Quantification In Building Construction Projects	Level 2	2021-22
Rapid Impact Assessment Matrix (Riam) Based Evaluation Of Environmental Impacts Of Roadway Projects	Level 2	2021-22
IOT ENABLED WATER MANAGEMENT SYSTEM	Level 3	2022-23
DESIGN OF PHYSIOTHERAPEUTIC SYSTEM USING ELECTROOCULOGRAM	Level 3	2022-23
SMART GLOVES FOR DEAF AND DUMB	Level 3	2022-23
FRAMEWORK DEVELOPMENT FOR OT & IT INTEGRATION IN IIOT	Level 3	2022-23
ONLINE CLASSIFICATION OF EEG SIGNALS USING DEEP LEARNING	Level 3	2022-23
IMPLEMENTATION OF CAN BASED INTELLIGENT DRIVER ALERT SYSTEM	Level 3	2022-23
AUTONOMOUS DELIVERY ROBOT	Level 3	2022-23

Control of Nonlinear Jacketed Continuous Stirred Tank Reactor using Different Control Structures	Level 3	2022-23
System Safety Assessment for Aircraft Electrical Power System using Medini Ansys	Level 3	2022-23
Model based STPA Analysis of Safety Critical Systems	Level 3	2022-23
MODELLING AND CONTROL OF A BINARY DISTILLATION COLUMN	Level 4	2022-23
Strength of pultruded GFRP angle columns – Experimental and numerical study	Level 5	2022-23
Performance of eco-friendly masonry panel	Level 5	2022-23
Protection of buildings against Earthquake using Dampers	Level 5	2022-23
Performance of Geopolymer RC Beams with Bubble Technology	Level 5	2022-23
Design and Comparison of Wireline Transmitter Using FinFET and MOSFET	Level 3	2020-21
Non Invasive Vascular Screening	Level 3	2020-21
Video Steganography Based On Shi-Tomasi Corner Detection and LSB Algorithm	Level 3	2020-21
DCT-Domain Based Video Steganography Using Multiple Object Tracking	Level 3	2020-21
Automated Proctoring System	Level 3	2020-21
Social Distance Monitoring System	Level 3	2020-21
A Smart Guidance System For The Visually Challenged	Level 3	2020-21
An efficient Deep learning approach for Pneumonia detection using Chest X-Ray Images.	Level 3	2020-21
Musical Chord Recognition System	Level 3	2020-21
Voice Recognition And Authentication	Level 3	2020-21
Drug target identification of luminal B breast cancer using NGS data analysis	Level 3	2022-23
Metagenomics analysis of the human gut microbiome in COVID-19 patients	Level 3	2022-23
Metagenome analysis of urinary microbiome of bladder cancer vs healthy control	Level 3	2022-23
Drug repurposing for rare autoimmune diseases using system biology approaches	Level 3	2022-23
Unravelling the structural dynamics of Faba bean necrotic stunt virus capsid through molecular dynamic simulation	Level 3	2022-23
Identification of drug targets and combinatorial drug therapies for Diabetes using a Network Pharmacology approach	Level 3	2022-23
Viruses in the brain: Implications in Neurodegenerative Disorders	Level 3	2022-23
From candidates to priorities: Deleterious mutation analysis of top prioritized genes in diabetes	Level 3	2022-23
Molecular dynamic study of Recombinant proximal thread matrix protein and its influence on osteoblast cell adhesion and proliferation	Level 3	2022-23
The art of vectoring multiple viruses: A case study using Culex pipiens, Aedes aegypti and Anopheles Gambiae	Level 3	2022-23
In silico analysis of Gemini viral proteins for functional characterization	Level 3	2022-23
Human Activity Recognition	Level 4	2021-22

FACE IDENTIFIER	Level 4	2021-22
MACHINE LEARNING BASED SUSPICIOUS FRAME CLASSIFICATION FROM SURVEILLANCE VIDEO	Level 4	2021-22
MACHINE LEARNING BASED AUTISM PREDICTION	Level 4	2021-22
PROJECTLIB - Digital documents and Review system	Level 4	2021-22
Simultaneous Heating & cooling of food storage unit	Level 4	2021-22
Scavengex	Level 4	2021-22
Vortex tube	Level 4	2021-22
Design and analysis of modified wheel for wheel chair	Level 4	2021-22
Design and analysis of Industrial rover	Level 4	2021-22
Articulated arm	Level 4	2021-22
Intelligent line marking bot	Level 4	2021-22
Microstructural Analysis of concrete with partial cement replacement using fly ash and rice husk ash	Level 4	2022-23
Acne Patch	Level 5	2021-22
Nano material based multilayer Wound Dressing system	Level 5	2021-22
Biodegradable Sanitary Napkins	Level 4	2021-22
Development enzyme substituent therapy revolving around the Phenylalanine hydroxylase	Level 1	2022-23
Carbage collecting App with sensed dustbins	Level 1	2022-23
Location based social networking Platform ( App & Website)	Level 1	2022-23
Picture based communication & learning APP for people with special needs	Level 1	2022-23
Instant Stagnant water Romover machine	Level 1	2022-23
IOT - Based AI automated home security system	Level 1	2022-23
Extract Products from Recycled cultivated crops	Level 1	2022-23
Tactile Sensor based ligature controller to assess pancreatic leak after Whipple's procedure	Level 5	2020-21
Development of Bio-Potential signal analysis system for control of mobility assistive device	Level 4	2020-21
Circular Microgripper for use as tool in various applicatio	Level 4	2020-21
Calcium ferrite and Zinc based Chalcogenide for degradation of pollutants in water	Level 4	2020-21
Device to treat edema for filariasis patients	Level 5	2020-21
Device to treat edema for filariasis patients	Level 6	2020-21
Linen based water repellent	Level 4	2020-21
Low cost mist lubrication system	Level 3	2020-21
Low cost cutting edge honing system.	Level 3	2020-21

Solar Cooling System for cold storage and air conditioning system	Level 4	2020-21
Dryer for agro products	Level 4	2020-21
Micro Drones for Field Policing	Level 6	2020-21
Capacitive deionisation technique for water treatment	Level 3	2020-21
Rotary brush	Level 4	2020-21
Deep learning based data-driven predictive maintenance of machinery	Level 3	2020-21
Bio Degradable Shampoo Bottle	Level 2	2021-22
Preparation and Characterization of Carboxymethyl Cellulose films incorporated with natural rubber latex	Level 2	2021-22
Omniphobic Paper Coating	Level 2	2021-22
Creation of webpage for placement preparation	Level 2	2020-21
Studies on Sulfonated PVDF-HEP / SrBaWO4 Nanaocomposite Membrances for High Performance DMFC Application	Level 3	2022-23
INVESTIGATION OF TUNGSTEN OXIDE BASED NEUROMORPHIC TRANSISTOR AND EMULATION OF BIOLOGICAL SYNAPSES	Level 3	2022-23
FABRICATION AND ANALYSIS OF FLEXIBLE NANOCOMPOSITE PIEZOELECTRIC ENERGY HARVESTER	Level 3	2022-23
INVESTIGATIONS ON DETECTION & PREVENTION OF PRIMARY USER EMULATION ATTACK USING MACHINE LEARNING ALGORITHMS IN DYNAMIC COGNITIVE RADIO NETWORKS	Level 3	2022-23
ANALYSIS OF NEGATIVE CAPACITANCE EFFECT IN NANOSCALE TRANSISTORS FOR MEMORY AND BIOSENSOR APPLICATIONS	Level 3	2022-23
SPECTROSCOPIC ANALYSIS DFT CALCULATIONS MOLECULAR DOCKING AND MOLECULAR DYNAMICS STUDIES ON DIHYDROPYRIDINE COMPOUNDS	Level 3	2022-23
MINING SERIAL POSITIONING EPISODE RULES FROM EVENT SEQUENCES AND BATCH-FREE TOP-K SEQUENTIAL PATTERN DISCOVERY FOR DATA STREAMS	Level 3	2022-23
SYNTHESIS AND CHARACTERISATION OF METAL OXIDES AND MIXED METAL OXIDES POLYPYRROLE NANCOMPOSITES	Level 3	2022-23
CERTAIN EXPERIMENTAL INVESTIGATION ON METHYLAMMONIUM LEAD IODIDE BASED PEROVSKITE SOLAR CELLS	Level 3	2022-23
Flexural Behaviour Of Gfrp Pultruded Beams Under Static And Cyclic Loading	Level 4	2022-23
Strength Assessment Of 3d Printed Concrete Element	Level 4	2022-23
Finite Element Analysis Of Core Drilled Samples With Different Orientation Of Rebars	Level 4	2022-23
Performance Of Precast Beam-Column Joint Using Improved Uhpc Under Cyclic Loading	Level 4	2022-23
Effect Of Web Slenderness On The Behaviour Of Steel Delta Girders	Level 4	2022-23
Bfrp Strengthened Beam Column Joint Under Cyclic Loading	Level 4	2022-23
Optimization Of Cold-Formed Steel Sections With Different Types Of Perforations Subjected To Bending And Compression	Level 4	2022-23
Confinement Of Concrete In Straight And Tapered Cfst Columns	Level 4	2022-23
Shear Strengthening Of Hollow Core Slabs	Level 4	2022-23

Behaviour Of Gfrppultruded Cruciform Section Under Compression	Level 4	2022-23
Influence Of Sio2, Tio2 Nano Particles On The Properties Of Metakaolin Blended Concrete	Level 4	2022-23
Generate questions using semantics from resume and provide suggestions for improvement	Level 4	2022-23
Auto router for visually imparied people in a closed environment	Level 4	2022-23
Face completion and super resolution of occluded images	Level 4	2022-23
LegalEval - Developing AI solutions for Indian Court Judgment Texts	Level 5	2022-23
Determining relevance of a curriculum and generating syllabi for Computer Science-based courses using Natural Language Processing	Level 5	2022-23
Effective usage of drone data for crop monitoring in the advancement of Precision Agriculture	Level 5	2022-23
Recognizing People In Photos Using Federated Learning	Level 5	2022-23
Multi -Task computational Offloading in an Edge Cloud Computing Environment	Level 5	2022-23
Tamil Palm Scripts Character Recognition	Level 5	2022-23
Investigation on elecrichemical and mechanical properties of PVA based electrolyte for all solid state supercapacitor	Level 3	2021-22
DEVELOPMENT OF CONTROLLER MODELS FOR TEMPERATURE CONTROL OF HEAT EXCHANGER	Level 3	2021-22
Therapeutic Binge-watching: The Role of Millennial Media in inducing behavioral changes in young adults with psychological disturbances	Level 3	2021-22
DYNAMIC MODELLING AND MODIFIED EVENT-DRIVEN ENABLED CONTROL FOR SEC MINIMIZED OPERATION OF SWRO DESALINATION PROCESS	Level 3	2021-22
EMPIRICAL ANALYSIS ON UNCERTAINTIES IN SOCIAL NETWORKS TOWARDS INFORMATION DIFFUSION	Level 3	2021-22
EVALUATION OF GRAPHENE OXIDE/CHITOSAN COMPOSITE AS A CARRIER OF siRNA FOR REGULATING Bcl-2 EXPRESSION ON Saos-2 & MG-63 CANCER CELLS - IN VITRO AND IN VIVO STUDIES	Level 3	2021-22
SCREENING AND CHARACTERIZATION OF GLUTAMINASE AND UREASE FREE I ASPARAGINASE FROM FUNGAL ENDOPHYTES	Level 3	2021-22
INVESTIGATION ON MULTI-FUNCTIONAL CHARACTERISTICS OF INDUSTRIAL WASTE RECOVERED SILICON AND DIAMOND PARTICLES FILLED EPOXY POLYMER HYBRID COMPOSITES	Level 3	2021-22
EXAMINING THE INFLUENCE OF CONSUMERs PSYCHOLOGICAL FACTORS ON ORGANIC FOOD PURCHASE BEHAVIOUR	Level 3	2021-22
CERTAIN INVESTIGATIONS ON CLUSTERING AND ENERGY HARVESTING ALGORITHM WITH BEAMFORMING FOR SOFTWARE DEFINED WIRELESS SENSOR NETWORKS	Level 3	2021-22
PHOTOCATALYTIC ABATEMENT OF DYES AND DRUGS BY MODIFIED BIPO4 AND ITS BIOPOLYMERIC BEADS UNDER VISIBLE LIGHT IRRADIATION	Level 3	2021-22
A STUDY ON THE EFFECT OF PULSED ELECTRIC FIELD (PEF) ON BIOACTIVE COMPOUNDS EXTRACTION AND ITS USE IN CANCER TREATMENT	Level 3	2021-22
Distributed Data Analytics of Health Care Record using Fog Computing	Level 3	2021-22
EXPERIMENTAL INVESTIGATION AND MULTI RESPONSE OPTIMIZATION OF PROCESS PARAMETERS IN ABRASIVE WATERJET MACHINING PROCESS ON TITANIUM ALLOY (Tiâ€6Alâ€4V)	Level 3	2021-22



Identification of Cyber Bullies on Social Media	Level 4	2022-23
Sign Language Recognition and Translation for Hearing Impaired and Dumb People with Lip Reading Assistance	Level 4	2022-23
VR simulation to augment joint attention and social skills for autism	Level 4	2022-23
Deep Learning Based Feature Extraction And Feature Fusion Approaches For Interpreting Land Changes	Level 4	2022-23
Multiple Object Detection And Tracking in Adverse Weather Condition	Level 4	2022-23
Block Chain Based Privacy Preservation and Misbehaviour Analysis In Financial Supply Chain	Level 4	2022-23
Enhancing Security in Digitalized Health Care System Using Block Chain	Level 4	2022-23
Enhancement of Gesture Recognition System For Home Automation	Level 4	2022-23
AI recommendation for automated drug supply chain system	Level 4	2022-23
Enhancement in elephant tracking system by deploying modified yolo v8 and sort algorithm	Level 4	2022-23
Enhancement Of 3D Visualisation In Augmented Reality For Tumour Detection	Level 4	2022-23
High Performance eBPF/XDP load balancer for microservices	Level 4	2022-23
Detection of Abnormalities in Biomedical for Cardiovascular Systems using Blockchain technology	Level 4	2022-23
VR Based Education with STIR and TURB	Level 4	2022-23
SDN Based prioritized data transfer using Neural networks	Level 4	2022-23
AI Based Approach for Water Quality Assessment of Indian Rivers	Level 4	2022-23
Routing Optimization in Flying Ad-Hoc Networks	Level 4	2022-23
Balancing Dataset using Generative Adversarial Networks for Leaf Disease Prediction	Level 4	2022-23
Person Retrieval from Surveillance Videos using Deep Learning	Level 4	2022-23
Cross Language and Semantic Code Clone Detection	Level 4	2022-23
Secure Descriptive Question Answering System in cloud storage using NLP Techniques	Level 4	2022-23
Unwanted Object Inpainting and Quality Enhancement in Video Sequences	Level 4	2022-23
Fatigue and creep behavior of abaca-sisal natural fiber reinforce polymeric composites	Level 2	2020-21
Experimental investigation on mechanical properties and tribological characteristic of mild steel hard faced with recycled submerged arc welding slag	Level 2	2020-21
Experimental study on polylactic acid (PLA) and PLA - hydroxyapatite (HA) composite filaments produced through twin screw extruder for 3d printing application	Level 2	2020-21
Shape based object sorting system using deep learning	Level 2	2020-21
Experimental study on the influence of mould temperature of injection moulded PLA - PLA crab shell composite	Level 2	2022-23
Experimental investigation and optimization of abrasive water jet machining on aa 5083 – ZR metal matrix composite	Level 2	2022-23

Residual stress investigation on MIG and TIG welded HSLA steels used in marine applications	Level 2	2022-23
Fabrication and analysis of spirograph pattern hernia mesh by direct ink writing method	Level 2	2022-23
Investigations on tribological behaviour of electroless NIP - CNT deposited cast iron for piston ring applications	Level 2	2022-23
Experimental investigation and simulation of tool wear and formation of chip in turning of austenitic stainless steel (AISI 304)	Level 3	2020-21
Experimental investigation of ultrasonic welding on AZ31B magnesium alloy	Level 3	2020-21
A comparative study on mechanical and wear behaviour of CU-HBN composite sintered through muffle and microwave furnace	Level 3	2020-21
Finite element and experimental analysis of friction stir welding of stainless steel SS304	Level 3	2020-21
Estimation of optimum machining parameters and surface characterisation of aa 7075 / zr (p) and aa 7075 / si (p) metal matrix composites through multi objective optimisation	Level 3	2020-21
Effect of mould temperature on the mechanical property of injection moulded polylactic acid and polylactic acid - hydroxyapatite composite	Level 3	2020-21
Optimization of machining process during abrasive water jet machining of al7075/alumina nanocomposite	Level 3	2020-21
Non contact roughness measurements using eddy current displacement sensor	Level 3	2020-21
Surface modification of titanium by electro-discharge coating using tungsten carbide/copper compact electrode	Level 3	2020-21
Incremental forming through simulation of AA6061 sheet annealed at different temperature	Level 3	2020-21
Experimental study and optimization of abrasive water jet machining on mig welded austenitic stainless steel 304l	Level 3	2020-21
Experimental investigation of corrosion behavior and thermal analysis of al7075 - tib2 metal matrix composite	Level 3	2020-21
Adaptive flexural strength visualisation system on fdm using ml algorithm	Level 3	2021-22
Experimental investigation on impact strength and machinability study of AL6061 reinforced with sic and ZRO2 hybrid metal matrix composites	Level 3	2021-22
Comparative study on wettability nature between laser engraved and PTFE coated SS 304 plate	Level 3	2021-22
Prototype of a tesla turbine using stainless steel 304.	Level 3	2021-22
Experimental characterisation of incrementally formed HDPE cranial implant	Level 3	2021-22
Development of 3D build platform for liquid additive manufacturing	Level 3	2021-22
Investigation of electrical discharge coating on aluminium 7075 alloy with WC- CO composite electrode	Level 3	2022-23
Study of mechanical properties on underwater friction stir welded AA7075 with pure copper dissimilar joints	Level 3	2022-23
Cloning and Expression of Insulin Growth Factor 1 in Pichia Pastoris	Level 4	2022-23
Cloning and Expression of EGF in Pichia Pastoris.	Level 4	2022-23
Cloning and Expression of IL2 in Pichia Pastoris	Level 4	2022-23

Cloning and Expression of Human Serum Albumin in Pichia Pastoris.	Level 4	2022-23
Rapid Affordable Reliable ELISA (RAR ELISA) Platform	Level 6	2022-23
Xact Instacoat	Level 6	2022-23
An improved process for the production of Pen G Amylase	Level 6	2022-23
An enzymatic process for the manufacture of Ceftidim	Level 6	2022-23
Modified esterase and its application for the manufacture of cefixime	Level 6	2022-23
A novel method for site - directed mutagenesis with positive selection.	Level 6	2022-23
Production of recombinant proteins to be used in variety of livestock targets and applications.	Level 6	2022-23
Algal DHA for nutritional supplements	Level 7	2022-23
Beta carotene	Level 4	2022-23
Lutin	Level 4	2022-23
Development of a viable bioprocess for microbial production of commercially important carotenoids	Level 6	2022-23
Design and Development of CAPD (Continuous Ambulatory Peritoneal Dialysis) catheter adapter by 3D printing	Level 1	2021-22
Smart Classroom for pedagogical process and effective energy utilization	Level 2	2021-22
Intelligent Robot Sprayer	Level 2	2021-22
All Terrain Vehicle	Level 2	2021-22
Behaviour of concrete filled steel tubular (CFST) columns under different loading conditions	Level 4	2021-22
Study on flexural behavior of ferro- geopolymer panels with foundry sand as partial replacement for fine aggregate	Level 4	2021-22
Autumation Of Snow Depth Retrieval From Sar Data	Level 5	2021-22
Impact Of Landuse/Landcover Changes On Groundwater Resources Using Remote Sensing And Gis Techniques	Level 5	2021-22
Forecasting Agricultural Drought In Tiruppur District Using Arcificial Neural Network And Geomatics	Level 5	2021-22
Experimental study on internal curing effect of SAP blended cement mortar	Level 5	2021-22
Effect of replacement of fine aggregate with granulated blast furnace slag and M-sand in geopolymer mortar and concrete	Level 5	2021-22
Flexural behavior of super-sigma section	Level 5	2021-22
Portland cement incorporating metakaolin with industrial waste ferrochrome slag as fine aggregate	Level 5	2021-22
Investigation on buckling behavior of pultruded GFRP angle sections	Level 5	2021-22
Identification Of Suitable Location For Electric Vehicle Fast Charging Stations	Level 6	2021-22
Treatment of grey water – Application for plant growth by hydroponic techniques and mortar cubes	Level 2	2022-23
Improving efficiency in the construction of a residential building using lean principles	Level 2	2022-23

Environmental social governance of infrastructure projects	Level 2	2022-23
Cost analysis for the implementation of Energy-Efficient techniques in buildings using BIM	Level 2	2022-23
Evaluation of oil and wax coated leathers using microscopic method	Level 1	2022-23
Preparation of bandage with collagen and natural fibre blends	Level 1	2022-23
Incorporation of Vibratory Device in Footwear for Therapeutic Benefits	Level 2	2020-21
Preparation and Characterisation of Microencapsulated Anti-Microbial Insock /Footbed for Foot Comfort	Level 2	2020-21
Smart Shoes for Bikers/Cyclists	Level 2	2020-21
Design and Development of Water Sports Footwear using Neoprene Gasket	Level 2	2020-21
Design and Development of Slip Resistance Soles for Elderly People	Level 2	2020-21
Design of Heels and its Scientific Analysis for Comfort of Footwear for Geriatric Individuals	Level 2	2021-22
Design & Development of Innovative Footwear from the Waste Emerging from Footwear Industry	Level 2	2021-22
Synthesis of Photocatalytic material from chrome buffing dust for treatment of Industrial waste water.	Level 2	2021-22
Designing and Development of Hyper-Elastic Natural Fibre Material for Footwear	Level 2	2022-23
Design Interventions on Shoe – Interior using Textile Materials - “Innovation on Replaceable concepts”	Level 2	2022-23
Development of collagen based bioink from raw trimming waste.	Level 2	2022-23
Hyper cross-linked iron-quercetin-3-malonylglucoside in textile waste water treatment.	Level 4	2020-21
Development of bio degradable composite membrane for brackish water treatment	Level 3	2020-21
Smart Mobility, Energy Efficiency, Battery Technology	Level 3	2022-23
Anti-fog spray	Level 3	2022-23
Health Tech H-attai	Level 3	2022-23
Energy Efficiency, E-Commerce, Lifestyle, IOT	Level 3	2022-23
E-Commerce & Marketplace, Lifestyle, Fintech	Level 3	2022-23
Sustainable Energy Storage	Level 3	2022-23
Effect of Different Inclusions on Lateral Earth Pressure in Rigid Retaining Wall	Level 4	2020-21
Shear Strength Characteristics of Jointed Rock Specimen	Level 3	2020-21
Stabilization of Oil Contaminated Soil	Level 3	2020-21
Design of piezoelectric energy generator for sensor operating applications	Level 6	2020-21
Design and Performance Studies of OFDM Radar Systems	Level 5	2020-21
Covid-19 And Pneumonia Prediction Using Convolution Neural Networks	Level 5	2020-21
Hand Gesture Recognition, Using MATLAB	Level 5	2020-21
Infant Footprint Recognition System	Level 5	2020-21

Magic Mirror	Level 5	2020-21
Reduction of Random Forest Parameters for Selection of Significant Genes	Level 3	2020-21
Crime Prone Hotspot Prediction and Crime Rate Forecasting Using Deep Learning Techniques	Level 3	2020-21
Energy Aware and Group Based Resource Allocation for M2M Communication in LTE-M Network	Level 3	2020-21
Classification and Analysis of Plant Diseases Using Light-weight CNN and Object Detection	Level 3	2020-21
Decentralized Web Hosting Using IPFS SND Ethereum Blockchain	Level 3	2020-21
Multimodalauth: A multi model biometric based user authentication scheme for medical IOT applications	Level 3	2022-23
Disaster Detection And Verification System From Multi-Modal Data	Level 3	2022-23
Occlusion Aware Framework For Effective Movement Localization	Level 3	2022-23
Real-Time Gesture Based Document Controller	Level 3	2022-23
Covid-19 Detection Via Lung CT Scan Using Attention Based CNN	Level 3	2022-23
Classification Using Feature Fusion Of CNN And SWIN Transformer For Covid-19	Level 3	2022-23
Autonomous Search And Rescue Agents For Fire Accidents Using Deep Reinforcement Learning	Level 3	2022-23
Intelligent Monitoring System For Maritime Surveillance	Level 3	2022-23
Revamping Hyperspectral Image Security With Lab Color Space Encryption	Level 3	2022-23
Advanced ECG signals analysis with complex valued neural networks for heart disease prediction	Level 3	2022-23
Fuzzy Object Based LULC Classification	Level 3	2022-23
Prenatal Vitals Monitoring And Care System	Level 3	2022-23
Augmented Reality Keyboard Interface	Level 3	2021-22
Link Prediction with Bounding Graphs Using GNN	Level 3	2021-22
An Emergency Alert System Based on social media with Influential Users	Level 3	2021-22
Link Prediction with Bounding Graphs Using GNN	Level 3	2021-22
Multimodal Analysis Using Various Machine Learning, Deep Learning and Hybrid Models	Level 3	2021-22
Acceleration and Compression of Deep Neural Networks	Level 3	2021-22
Acceleration and Compression of Deep Neural Networks	Level 3	2021-22
Glomeruli Detection in Renal Biopsy Data Using Segmentation Algorithms	Level 3	2021-22
A Secured Data Storage with Spatial Query Scheme for Encrypted Data on Cloud	Level 3	2021-22
Brain MRImage Analysis for Detection of Schizophrenia	Level 3	2021-22
Classification of Skeletal Images Using Deep Learning Methods	Level 3	2021-22
An IoT Enabled Decision Support System for Crop Recommendation Based on Soil Type andIt's Nature	Level 3	2021-22

Fault Detection and Segmentation on Railway Track Using Deep Fusion Model	Level 3	2021-22
Multimodal Depression Detection Using Machine Learning and Deep Learning Methods	Level 3	2021-22
Bioactivity Prediction for Drug Discovery	Level 3	2021-22
Automated Question Generation System for Real Time Lectures	Level 3	2021-22
X-ai Assisted Chatbot for Healthcare Leveraging Blockchain Technologies	Level 3	2021-22
Blockchain Enabled Smart Automobile Insurance Claim System	Level 3	2021-22
Blockchain Controlled Offline IoT Data Stream - Secured Using Identity Based Proxy Re-encryption Technique	Level 3	2021-22
Deep Learning Based Insect Detection in Videos	Level 3	2021-22
Decentralized Ride Hailing Platform	Level 3	2021-22
Intelligent Question Answering System Using Deep Learning	Level 3	2021-22
Permissioned Blockchain For Electronic Health Records	Level 3	2021-22
Emergency Event Detection Using Spatio-Temporal Data on Social Media	Level 3	2020-21
Brain Tumor MRI Classification Using Deep Learning Models	Level 3	2020-21
Secure Evoting using Blockchain.	Level 3	2021-22
Secure Evoting using Blockchain.	Level 3	2021-22
Optimization of GPU Memory Utilization for Deep Learning Systems.	Level 3	2021-22
Bursty Event Detection using Deep Learning based on Social Media Data.	Level 3	2021-22
Blockchain assisted Intrusion Detection System inAutonomous Vehicles.	Level 3	2021-22
A Malicious Traffic Detection Method in IoTBased onWrapper Techniques.	Level 3	2021-22
Diagnosos of Ophthalmic Complications Using Deep Learning with Fundus Images	Level 3	2021-22
IoT based Congnitive Framework to Detect Insects	Level 3	2021-22
Post-Disaster Damage Assessment Using Deep Learning Algorithms	Level 3	2021-22
Twitter Sentiment Analysis for Predicting Public Emotions during COVID 19 Outbreak	Level 3	2021-22
Blockchain-enabled food supply chain management: traceability, Trade and trust	Level 3	2022-23
Fuzzy insights: a rule-based unsupervised approach to Nonlinear dimensionality reduction for effective data Visualization	Level 3	2022-23
INVESTIGATIONS ON SELF-HEALING & ANTICORROSIVE PROPERTIES OF GRAPHENE NANOCOMPOSITES COATINGS ON STAINLESS STEEL FOR STRUCTURAL APPLICATIONS	Level 3	2021-22
Experimental Investigations and Finite Element Analysis on Friction Stir welded joints of dissimilar aluminium alloys for deep ocean applications	Level 3	2021-22
Studies on dry, wet and magnetorheological fluid-based Minimum Quantity Lubrication for machining of Monel K500 alloy	Level 3	2021-22
Metal Decorated Heteroatom doped graphene for high performance supercapacitor	Level 3	2021-22
EXPERIMENTAL INVESTIGATION OF EFFECT OF PROCESS PARAMETERS DURING CYCLIC EXPANSION EXTRUSIOM ON THE MECHANICAL PROPERTIES OF AI-MG-SI ALLOY	Level 3	2021-22

Development of electrode material for supercapacitors from heteroatom doped carbon-based nanomaterials	Level 3	2021-22
Facile Template Assisted Synthesis and Characterisation of Transition Metal Oxides for Super Capacitor electrode application	Level 3	2021-22
EXPERIMENTAL INVESTIGATION OF BASALT/S-GLASS/EPOXY/PVC H-130 HYBRID SANDWICH COMPOSITE FOR AIRCRAFT SECONDARY STRUCTURES	Level 3	2021-22
STUDY ON GRAIN REFINEMENT IN AL ALLOY-TiB2 METAL MATRIX COMPOSITES USING ECAP	Level 3	2021-22
Analytical and experimental validation of multi-pass – two point incremental forming	Level 3	2022-23
Effect of ballistic penetration of kevlar- carbon-polypropylene/polyethylene hybrid composite	Level 3	2022-23
Adaptive fatigue strength visualization on FDM for PLA material using machine-learning algorithm	Level 3	2022-23
Experimental investigation of microstructure and mechanical properties on ultrasonic welded AL-MG alloy sheets	Level 3	2022-23
Effect of infill pattern and post curing time on the mechanical properties of vinyl ester resin by UV-direct ink writing	Level 3	2022-23
Design and development of low cost arduino based myoelectric prosthetic hand	Level 3	2022-23
Design, development and analysis of human follower shopping cart using android phone	Level 4	2020-21
An experimental and numerical analysis of wear resistance coating deposited through cold spray technology	Level 4	2020-21
Design, fabrication and analysis of mobile robot for cleaning	Level 4	2020-21
Experimental Study On Incremental Forming Of AISI 316L Stainless Steel Sheets Using ANN, GA And PSO	Level 1	2021-22
Surface Morphological Studies on Pocket Milling by using Abrasive Water Jet Machine	Level 2	2021-22
Investigation on Fracture Toughness of Microwave Post Cured Glass Fiber Mat Composite	Level 2	2021-22
Experimental Investigation on SI engine powered by bergamot peel oil blends	Level 3	2020-21
Experimental and Finite element analysis of Two-point incremental forming of stepped truncated cone in SS - 316L	Level 3	2020-21
Effect of thickness of middle sheet in three thickness Resistance Spot welding of Stainless Steel (SS 304)	Level 3	2020-21
Estimation of Volume Change Potential of Embankment Soil Using Soil Water Characteristic Curve	Level 3	2020-21
Behaviour of Precariously Balanced Rocks Under Seismic Excitation	Level 3	2020-21
Study on Erodability of Cemented Sand	Level 3	2020-21
Uniaxial and Triaxial Behaviour of Grouted Sand	Level 3	2020-21
Effect of Mercury on the Index and Engineering Properties of Soil	Level 3	2020-21
Stabilization of Dispersive Soil	Level 3	2020-21
Septage Health risk Assessment	Level 3	2020-21
Granular Aerobic biofilm reactor for Tannery wastewater treatment	Level 3	2020-21

Performance study on the degradation of reactive dye by Sonocatalysis	Level 3	2020-21
Degradation of Diclofenac in Pharmaceutical Wastewater using Solar Based Photocatalytic Membrane Reactor	Level 3	2020-21
Adsorption of acid blue 113 an anionic azo dye onto chitosan/silica / ZnO nanocomposites	Level 3	2020-21
Enhanced catalytic activity of MO nanocoated 3D printed Cathode in MFC	Level 1	2022-23
Study Of Reaction Kinetics By Dielectric Spectroscopy Technique	Level 3	2020-21
Assessment of Utilization of VGI sources for Flood Inundation Mapping in Urban Environments	Level 9	2021-22
Characterization And Biofouling Studies On Silver Incorporated Sulphonated Poly Ether Ether Ketone (Speek) Membranes For Microbial Fuel Cell Applications	Level 4	2022-23
3D Avatar Based Sign Animation	Level 4	2022-23
Wildfire Spread Propagation and Monitoring Vegetation Regrowth using Deep learning	Level 4	2022-23
A black box way of securing medical data using visual cryptography and chaotic maps	Level 4	2022-23
Consortium Blockchain with Machine Learning Model for Electronic Healthcare System	Level 4	2022-23
A Network Traffic Prediction Using Artificial Intelligence Techniques and Road Side Parameters	Level 4	2022-23
Audio Segmentation for Content-based Music Tagging and Retrieval	Level 4	2022-23
Patch,Voice,Eye Pattern Based DeepFake Video Detection	Level 4	2022-23
Voice Bot For Visually Impaired People	Level 4	2020-21
Securing Cloud Servers from Phishing Using a Phish Detection Blockchain	Level 4	2020-21
AI-ASSISTED TRAINING SYSTEM FOR ENHANCING SWIMMING STROKE TECHNIQUES USING UNDERWATER CAMERAS	Level 4	2022-23
EMULATION OF 3D OUTPUT USING 2D LIDAR SENSOR AND CAMERA	Level 4	2022-23
Deep learning for Vehicle Detection	Level 4	2022-23
Smart farming using Deep learning techniques	Level 4	2022-23
Anomaly Detection and Diagnosis based on Data driven technique in Binary Distillation Column	Level 4	2022-23
Parkinson's Disease Detection Using Deep Learning by Spatial Drawing and Speech Recognition	Level 4	2022-23
Mixed Reality based Chemistry Hands-on Experiential Model	Level 4	2022-23
Traditional Medicinal Plants Identification, Summarization and Recommendation	Level 4	2022-23
Cognitive Conversational Agent in Healthcare	Level 4	2022-23
CROPDSR: A Crop Disease Classification, Severity ,Measurement and Remedy Recommendation System	Level 4	2022-23
Enhanced Post Quantum Encryption Technique for Safeguarding Patient Health Data	Level 4	2022-23
Intergrated Blockchain-Cloud Model Using Smart Contracts and Game Theory	Level 4	2022-23



Compressed Deepfake Detection Using Spatio Temporal Approach with Model Pruning	Level 4	2022-23
Continuous Sign Language Recognition and Translation	Level 4	2022-23
Automated Diagnosis and Correction of Logical Errors in C Programs	Level 4	2022-23
Waveform Prediction of Analog Mixed Signals Circuits Using Incremental Learning	Level 4	2022-23
Human Symptoms & Disease Community Network Using Deep Learning	Level 4	2022-23
Strees Classification with ECG Using CNN	Level 4	2022-23
Extraction of Multispectral Information from 2D Human Images for a Fashion Recommendation System	Level 4	2022-23
Detection of Stuttered Speech Disfluencing Using Deep Learning	Level 4	2022-23
Facial Exppression Based Music Streamer Using VGG 16 and Spotify API	Level 4	2022-23
Unmanned Medical waste Segregation using Deep Learning Techniques	Level 4	2022-23
Path Navigation Control Using GPS in Unmanned Autonomous Vehicle	Level 4	2022-23
Physical Violence Detection Using Transfer Learning	Level 4	2022-23
Efficient Classification of Diabetic Retinopathy Using CNN and SHAP	Level 4	2022-23
Video Retrieval by Captioning Human Activity Events	Level 4	2022-23
Anomaly Based Detection in SDN Using Machine Learning	Level 4	2022-23
A Comprehensive Electrocardiogram Feature Approach for the Recognition of Cardiovascular Abnormality	Level 4	2022-23
Mining of Patterns Through Machine Learning in Alzheimer's Disease Image Feature	Level 4	2022-23
Document Review Templates with Dynamic Database Integration using Liquibase	Level 4	2022-23
Gait Recognition using Deep Learning	Level 4	2022-23
Ensemble Machine Learning based Network Intrusion Detection System	Level 4	2022-23
Prevention of Malicious Attacks on Images using Cryptography and Image Authentication Schemes	Level 4	2022-23
Food recognition and nutrition detection using ML	Level 4	2022-23
Human Skeletal motion Prediction	Level 4	2022-23
Assistive E-learning for Autistic Children	Level 4	2022-23
Outlier Analysis in Analog and Mixed Signal Circuits	Level 4	2022-23
Extraction of human emotional text for Psychological App	Level 4	2022-23
Stock Price Prediction using STACN based CNN and LSTM	Level 4	2022-23
VIOLENCE DETECTION IN VIDEOS USING DEEP LEARNING TECHNIQUES	Level 4	2021-22
FORGERY SIGNATURE CLASSIFICATION USING ARTIFICIAL NEURAL NETWORK	Level 4	2021-22
ANDROID BASED APPLICATION FOR TRAVEL	Level 4	2021-22
SPORTS VIDEO CAPTIONING USING CNN	Level 4	2021-22

OUTFIT COMPATIBILITY RECOMMENDATION SYSTEM USING MULTILAYERED COMPARISON NETWORK	Level 4	2021-22
POULTRY FARM MANAGEMENT SYSTEM	Level 4	2021-22
DENSE CAPTIONING OF EVENTS FROM VIDEOS USING LSTM	Level 4	2021-22
CLASSIFICATION OF CYBER ATTACKS USING MACHINE LEARNING TECHNIQUES	Level 4	2021-22
Test Automation Framework for Smart Next Gen Infusion Pump	Level 4	2021-22
E-fit Fuel App	Level 4	2021-22
secure document access using smart contract on blockchain	Level 4	2021-22
Digital Currency fees Payment Portal	Level 4	2021-22
Mid Road Vehicle Breakdown Assistance	Level 4	2021-22
Heart Rate Measurement from Facial Video	Level 4	2021-22
Design and Development of Milling Fixture for Thin Wall En 8 Plate	Level 2	2021-22
Defect and error correction in 3d printing during processing using Deep Learning	Level 2	2021-22
Smart shopping blind stick with GPS and GSM	Level 2	2021-22
Hybrid Air-Conditioning Systems for hospital	Level 2	2021-22
Tweel - ( Tire + Wheel )	Level 2	2021-22
Data over sound application for contactless authentication	Level 4	2020-21
Ticket raising system with automated plan suggestor	Level 4	2020-21
Line Following Robot	Level 4	2020-21
A prediction based approach for fake review deduction	Level 4	2020-21
Retailer Consumer Connectivity Using Decision Tree	Level 4	2020-21
AR & AI Based Tank Battle Game	Level 4	2020-21
Cyberbullying Detection, Based on FastText and Word similarity schemes	Level 4	2020-21
CRIME DETECTOR USING DEEP LEARNING	Level 4	2020-21
Complaint Ticket Raising System	Level 4	2020-21
Prediction of cataract severity in vision	Level 4	2020-21
Creating and Maintaning Contact Book	Level 4	2020-21
Depression vs Suicidal Ideation Identification Using Deep Learning	Level 4	2020-21
Hair style picking application using Augmented reality	Level 4	2020-21
Location Based Services Using Predictive Location Tracking Algorithm	Level 4	2020-21
Voice Based Email Service	Level 4	2020-21
Android Application for Students' Placement Process Management	Level 4	2020-21
Logical Mathematics Application for physically disabled person	Level 4	2020-21

News article summarization using sequence to sequence model with attention mechanism	Level 4	2020-21
Sentiment analysis using TF-IDF and Naive Bayes	Level 4	2020-21
Implementation Of Style Area Captcha Using Deep Learning Techniques	Level 4	2020-21
Pashto Speech and Text Numeric Recognition System	Level 4	2020-21
Predicting Bankruptcy using Machine Learning	Level 4	2020-21
Abnormality in human action identification using thermal videos	Level 4	2020-21
Automation and detection of mask using deep separable neural network	Level 4	2020-21
Predicting Diabetes using Neural Network	Level 4	2020-21
STUDENT GRADING FRAMEWORK BASED ON BLOCKCHAIN TECHNOLOGY	Level 4	2020-21
Intra-Firm Data Management Application	Level 4	2020-21
Human Activity Monitoring for Malpractices Detection	Level 4	2020-21
Post covid analyzer	Level 4	2020-21
Object-Level Video Captioning using Deep Learning Techniques	Level 4	2020-21
voting Assistance for visually challenged	Level 4	2020-21
E - mail spam detection using machine learning technique	Level 4	2020-21
SOUNDEX and ISO-15919 representation of text for NLU	Level 4	2020-21
Sequential Thinking for Enhancing Mathematical Knowledge & Skill?	Level 4	2020-21
Obstacle Avoiding Robot for Floor Cleaning	Level 4	2020-21
Secure Data Storage With Proof of Ownership in Cloud	Level 4	2020-21
Leaf detection using deep learning	Level 4	2020-21
App Chat Engine	Level 4	2020-21
MULTIPLAYER GAME DEVELOPMENT	Level 4	2020-21
Building Voice Based Verse Collection on Thirukkural	Level 4	2020-21
Machine learning based chatbot for house price prediction	Level 4	2020-21
Detection Of Malicious Android App Using Machine Learning Techniques	Level 4	2020-21
VEHICLE TRACKING APPLICATION	Level 4	2020-21
Lightweight Data Accessor Component	Level 4	2020-21
Sanskrit compound word processor Tool	Level 4	2020-21
Faculty Information and Contributions System	Level 4	2020-21
Blockchain based public auditing for block level deduplication	Level 4	2020-21
Gait Trajectory and Gait Phase Prediction using deep learning	Level 4	2020-21
WEB APPLICATION FOR A BUNKERSPROCUREMENT	Level 4	2020-21
Virtual Reality based Medical Museum	Level 4	2020-21

Accelerating Delivery of Secure Banking Application in DevSecOps	Level 4	2020-21
An Energy Efficient and secure routing for WSNs using fuzzy rules	Level 4	2020-21
Zonal Games Management for Anna University Sports Board	Level 4	2020-21
A Vegetable Store Application Using Android Smartphone	Level 4	2020-21
Music Genre Classification	Level 4	2020-21
students agriculture information app (with detection of plants and crops)	Level 4	2020-21
Virtual Mart	Level 4	2020-21
Smart household object detection	Level 4	2020-21
Secured medical data transmission	Level 4	2020-21
Autonomous car driving	Level 4	2020-21
Speech to Sign language gesture	Level 4	2020-21
Integrating BIM with energy analysis and green building certification system to design sustainable building	Level 2	2022-23
Scheduling time and cost by integrating quality and risk in construction projects	Level 2	2022-23
Implementation of lean construction process in L&Ts innovation campus.	Level 2	2022-23
Design of Greener Net Zero Energy home in Chennai, India	Level 2	2022-23
A Multi-Aspect Approach of a Building to Achieve Optimization in India's Major Green Building Rating Systems by Incorporating BIM	Level 2	2022-23
Integration of BIM and GIS model of a residential building with energy analysis	Level 2	2022-23
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Cost and life cycle assessment of green building construction using recycled materials	Level 2	2022-23
Analysis of time cost tradeoff using automated BIM model based on labour variation in a real time project	Level 2	2022-23
Automatic vehicle surveillance system inside university premises	Level 5	2022-23
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Analytical Study Of Reinforced Concrete Beams Strengthened by FRP Rebars And Sheets	Level 1	2020-21
Analytical Investigation On The Behaviour Of Hybrid Precast Beam Column Joint Under Cyclic Loading	Level 1	2020-21

Study of behaviour Of Steel Beam Column Joint with viscous Fluid Dampers	Level 2	2020-21
Moment Shear Tension interaction Of Plates Subjected To Hydrodynamic Loading	Level 2	2020-21
Behaviour of concrete encased composite members under elevated temperatures	Level 2	2020-21
Strength And Durability Study Of Concrete Using Glass Powder And Laterite Soil	Level 2	2020-21
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Mechanical and tribological Characterization of Tungsten Carbide Reinforced NiCrBSi Composite Coating deposited using plasma Transferred Arc Welding Process	Level 3	2021-22
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Investigations on mechanical and thermal properties of sisal - abaca natural fiber reinforced composites	Level 3	2022-23
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Development of Chitosan Coated Kraft Paper for oil Packaging	Level 3	2021-22

Preparation and Properties of PVOH film with grape seed extract	Level 3	2021-22
Preparation of Biodegradable paper coating using gelatin, bromelain, and montmorillonite K 10	Level 3	2021-22
Study of PLA film Printability with screen printing using UV Ink: Comparison with LLDPE film	Level 3	2021-22
Bio-Degradable Packaging Film by using Bio-Polymers	Level 3	2021-22
Package development for extending the shelf life of Jasmine flower	Level 3	2022-23
Comparison of surface energy modification and printability studies on synthetic and biopolymers	Level 3	2022-23
Development and Characterization of polymer film using polysaccharides for packaging applications	Level 3	2022-23
Design and development of a package distribution hazard monitoring system	Level 3	2022-23
Recycled water haycinth based hand crafted paper is an alternative biocomposed material for printing	Level 3	2022-23
Innovative Package design Chocolates	Level 3	2022-23
Autism Detecting Application	Level 4	2022-23
Product recommendation for e-commerce using GNN and sentimental analysis	Level 4	2022-23
Detection of DDoS attack in IoMT systems	Level 4	2022-23
SECURE DATA TRANSMISSION APPLICATION USING IMAGE STEGANOGRAPHY AND CRYPTOGRAPHY	Level 4	2022-23
CUSTOMER FEEDBACK TRANSLATION AND SUMMARISATION WITH KEYWORD SEARCH AND ANALYSIS	Level 4	2022-23
E - Defence for Women Safety	Level 4	2022-23
Bird Sound Classification using Deep Learning Techniques	Level 4	2022-23
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Detecting Contradiction and Entailment in Multilingual text	Level 4	2020-21
Voice driven bot for cross domain database querying	Level 4	2020-21
An Augmented Reality App for Calorie Estimation	Level 4	2020-21
Soil and Nutrition management system	Level 4	2020-21
N-gram based Sentiment Classification using BERT	Level 4	2020-21
Advanced Driver Assistance System in CARLA	Level 4	2020-21
Creating augmented reality for sports	Level 4	2020-21
Sentimental Analysis of Dravidian Languages in Code-Mixed Text	Level 4	2020-21
Toxic Spans Detection using Explainable AI	Level 4	2020-21
Heterogeneous Face Recognition of Crime Suspect's using Kernal Prototype similarities and Domain Specific units	Level 4	2020-21
Real time driver drowsiness detection system with vehicle detection	Level 4	2020-21

Fingerprint analysis using CNN and Minutiae algorithm	Level 4	2020-21
Customer churn prediction	Level 4	2020-21
Emotion-based Classification of Music using Lyrics and Audio	Level 4	2020-21
Facial Animation using Image processing	Level 4	2020-21
Student Expression Detection based on Facial Expression	Level 4	2020-21
Dense captioning of events in videos	Level 4	2020-21
Digital skin clinic with herbal care	Level 4	2020-21
Enhanced Optical Character Recognition System for Tamil	Level 4	2020-21
Goal Oriented Image Captioning for Visually impaired	Level 4	2020-21
Assistive Tutor for Disabled Children	Level 4	2020-21
Detecting the interaction involvement in sports video using graph convolution	Level 4	2020-21
Vehicle speed estimation and license plate detection	Level 4	2020-21
Blockchain based learning records storage and sharing	Level 4	2020-21
Blockchain based E-voting using face recognition	Level 4	2020-21
Secure Medical Image Transmission Using Partial Convolution	Level 4	2020-21
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MOOC ANALYSIS AND COURSE RECOMMENDATION SYSTEM	Level 4	2021-22
BATCH PICK AND PUTWALL DISTRIBUTION	Level 4	2021-22
LIFESHEILD-A CLOUD BASED INVENTORY MANAGEMENT APPLICATION FOR MEDICAL EQUIPMENTS	Level 4	2021-22
ROAD ACCIDENT DETECTION AND ALERT SYSTEM USING CNN	Level 4	2021-22
Studies on the bio-degradability of crust leathers	Level 1	2022-23
Formulation of RFID signal blocking finish films	Level 1	2022-23
Tamarind seed husk – Aluminum combination tanning system	Level 1	2022-23
Designing and development of fusing wallet/purse with the specs pouch	Level 1	2022-23
Manufacture of leather duster using buffing waste	Level 1	2022-23
Development of composite material from leather waste using epoxy with CNT's	Level 1	2022-23
Development of fragrance infused, odour absorbent leather using zeolite	Level 1	2022-23
Manufacture of protective knee pads using buffing dust	Level 1	2022-23
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Bio-Based composite from polylactic acid(PLA) and polybutylene adi-pate-co-terephthalate (PBAT) blend for Medical and industry Packaging Applications	Level 3	2020-21
Design of closure for gas emissive organic fertilizer	Level 3	2020-21
Preparation of spinach stem eggshell power based sustainable paper for ethylene/scavenging property of tomato packaging	Level 3	2020-21
Development and Characterization of rice starch based nanocomposite film with AgNPs and Plant extract	Level 3	2020-21
Prevention of rodent attack on tertiary package at storage level	Level 3	2020-21
Innovative Egg Package Design	Level 3	2021-22
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A SIMULATION ANALYSIS FOR QUANTIFYING THE RESPONSE OF BUILDING BY DIFFERENT DEMOLITION TECHNIQUES	Level 2	2022-23
MODELING AND CONTROL OF SWEETENING OF NATURAL GAS	Level 2	2022-23
Kv4.1 and Nav1.5 ion channel expression in breast cancer metastasis and proliferation	Level 2	2022-23
Game Theory Based Resource Scheduling to Enhance the QoS in LTE	Level 2	2022-23
INVESTIGATION ON ARROWROOT STARCH BASED POLYMER BLENDS FOR BUCCAL DRUG DELIVERY APPLICATIONS	Level 2	2022-23
ANALYSIS OF NATURAL RESISTANCE ASSOCIATED MACROPHAGE PROTEIN (NRAMP) FAMILY OF TRANSPORTERS IN RICE	Level 2	2022-23
Design and simulation of graphene based linear and circularly polarized antennas with enhanced performances for terahertz applications	Level 2	2022-23
State estimation of hybrid AC/DC grids	Level 2	2022-23
INVESTIGATION ON ECO-CHARACTERISTIC BIO-FORMULATED NANOSHEETS AS MULTI-FUNCTIONAL BARRIER RESIST PACKAGING MATERIAL	Level 2	2022-23
Synthesis and Investigation of Photoactive Sillenite and Brownmillerite materials for Energy and Environmental Applications	Level 2	2022-23
AN EFFICIENT FPGA ARCHITECTURE BASED ON HYBRID LOGIC BLOCKS AND PERFORMANCE ENHANCEMENT OF FPGA USING PLACEMENT AND ROUTING ALGORITHMS	Level 2	2022-23
Intelligent Flow Table Overflow Prevention Schemes by Entries Reduction Mechanisms in Software-Defined Networks	Level 2	2022-23
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Development of single crystal hallium oxide growth technology for power device applications	Level 6	2021-22
DEVELOPMENT OF SCRAP RUBBER BASED MICROCELLULAR FOAMS FOR SOUND INSULATION APPLICATIONS	Level 1	2021-22
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DEVELOPMENT OF SANDWICH COMPOSITES WITH EPOXY AND BIOBASED HARDENER	Level 1	2021-22



REPLACEMENT OF SYNTHETIC RESINS WITH BIO BASED GUAR GUM IN RUBBER BASED SEALANTS	Level 1	2022-23
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DEVELOPMENT OF BIOPOLYMER BASED PACKAGING FILMS FOR FRESH FRUITS AND VEGETABLES	Level 1	2022-23
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INVESTIGATIONS ON NANOPARTICLES DETECTION USING ADVANCED FLUORESCENCE AND GMR SENSORS FOR BIOMEDICAL APPLICATIONS	Level 6	2022-23
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Preparation of Biodegradable Ink from Beetroot Peel	Level 1	2021-22
Developing a Planning Software	Level 2	2022-23
Innovative package design for a meal	Level 2	2022-23
Formulation and standardisation of bio ink based on natural Algae	Level 2	2022-23
Study of glycerol on treated and untreated polysaccharide films	Level 2	2022-23
DESIGN AND DEVELOPMENT OF WHEELCHAIR CONTRIVED WITH LOWER LIMB EXOSKELETON FOR RIGHT HEMIPLEGIC DYSFUNCTION	Level 6	2021-22
MUSCLE STRENGTH EVALUATION AND GRADING USING SURFACE ELECTROMYOGRAM SIGNALS FOR FUNCTIONAL ASSESSMENT OF THE MUSCULOSKELETAL SYSTEM	Level 6	2021-22
EXPERIMENTAL INVESTIGATIONS ON A LOW HEAT REJECTION ENGINE OPERATED WITH A PROMISING BIOFUEL EMULSION	Level 6	2021-22
DESIGN OPTIMIZATION OF RECEIVERS FOR WBAN APPLICATIONS	Level 6	2021-22
INVESTIGATION AND ANALYSIS OF UNDERWATER ACOUSTIC COMMUNICATION USING TIME REVERSAL ACOUSTIC TECHNIQUES	Level 6	2021-22
Boron carbon nitridebased nanocomposite for photocatalytic pollutant degradation and hydrogen production	Level 6	2022-23
phytochemical synthesis of zinc oxide nanoparticles using piper nigrum seed extract for electrochemical sensing and photocatalytic activity	Level 6	2022-23
DESIGN AND DEVELOPMENT OF HAND GESTURE RECOGNITION SYSTEM FOR SPEECH IMPAIRED PEOPLE	Level 6	2022-23
A Study on the High Temperature Tribological Behaviour of Micro and Nanometric Solid Lubricants Added AA6061 Hybrid Composites	Level 6	2022-23
Morphological and performance studies of polymeric membranes and its application to water treatment	Level 6	2022-23
ENHANCED SECURED DE-DUPLICATION FOR BIG DATA STORAGE WITH INTEGRITY PRESERVATION IN CLOUD	Level 6	2022-23
TEACHING ENGLISH THROUGH SELECT WEB 2.0 TOOLS TO ADULT ENGLISH LANGUAGE LEARNERS WITH VISUAL IMPAIRMENT	Level 6	2022-23
INVESTIGATIONS ON ADDITIVE ENGINEERING AND DEPOSITION METHODOLOGY OF LIGHT ABSORBER LAYER FOR HIGHLY EFFICIENT AND STABLE PEROVSKITE SOLAR CELLS	Level 6	2022-23

Adsorbent preparation and modelling of adsorption column for continuous operation	Level 6	2022-23
Synthesis, Characterisation and Analysis of Bio Plasticizer incorporated Polyvinyl Chloride Films for Healthcare Packaging Applications	Level 6	2022-23
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BEHAVIOUR OF CFST COLUMN TO FOUNDATION CONNECTIONS UNDER COMBINED AXIAL AND LATERAL CYCLIC	Level 7	2020-21
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EV vehicle safety and security Using IOT	Level 4	2022-23
Smart Industrial rover	Level 4	2022-23
Direction of Arrival Estimation for Beam Forming using Deep Learning Techniques	Level 4	2022-23
Automatic Optical Inspection for Defective PCB Detection Using Transfer Learning	Level 4	2022-23
Antenna design for Vehicle to Vehicle Communication	Level 4	2022-23
Weapon detection in real time CC TV using machine learning	Level 4	2022-23
Helmet detection and health monitoring of workers	Level 4	2022-23
Fruit Detection and Quality Analysis using Pazham (Application)	Level 4	2022-23
Free space optics communication link optimisation for improved last mile connectivity	Level 4	2022-23
DEVELOPMENT OF WEARABLE GAIT DATA ACQUISITION SYSTEM	Level 4	2022-23
PREPARATION OF SILK FIBROIN BASED DRUG LOADED SCAFFOLD FOR PAIN MANAGEMENT	Level 4	2022-23
DESIGN AND DEVELOPMENT OF PORTABLE VISUAL FIELD PERIMETRY SYSTEM	Level 4	2022-23
DEVELOPMENT OF UNIQUE DEVICE IDENTIFIER(UDI) FOR MEDICAL DEVICES	Level 4	2022-23
WEB BASED PLATFORM FOR SPEECH THERAPY WITH MULTIMODAL FEEDBACK FOR CHILDREN WITH SPEECH DISORDERS	Level 4	2022-23
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Investigation on Energy Harvesting in WBAN	Level 4	2022-23
Multipath Routing Protocol in Vehicular AD-HOC networks (VANETs)	Level 4	2022-23
Classification of Healthy controls and ADHD Subjects using Neural Networks	Level 4	2022-23
Efficient Hardware Architecture of Neural Network Model for EEG Signal Classification	Level 4	2022-23

Brain Tumor Screening using Deep Neural Networks	Level 4	2022-23
A Low power 3 bit flash ADC using high speed comparator for Ultra wide band frequency	Level 4	2022-23
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Hardware efficient compression method for convolution neural network models	Level 4	2022-23
A reconfigurable SRAM based digital bit serial compute in memory macro	Level 4	2022-23
Fault Detection and analysis in SRAM through self-Refreshing operation	Level 4	2022-23
Acoustic UAV detection using blind source separation method and K nearest neighbor	Level 4	2022-23
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Fuzzy logic algorithm based gesture recognition system	Level 4	2022-23
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Continuum robot manipulator for pick and place application	Level 4	2022-23
Reinforcement Learning based routing for efficient data transmission in 5G WSN communication	Level 4	2022-23
Physical Layer Authentication for User-Aided Cooperative NOMA	Level 4	2022-23
Technique for performance enhancement of IEEE802.11P protocol	Level 4	2022-23
Enhancing Massive MIMO efficiency with GSM and Transmit antenna grouping	Level 4	2022-23
Design of a Frequency Selective Surface for gain improvement applications	Level 4	2022-23
IoT Based RF Fingerprint Security For Secure Communication in Physical Layer	Level 4	2022-23
Efficient differential spatial modulation techniques for MIMO	Level 4	2022-23
Active RIS aided wireless communication systems	Level 4	2022-23
Analysis and classification of various degrees of hand movements	Level 4	2022-23
Design and development of wireless EMG data acquisition system for Gait analysis	Level 4	2022-23
Design and development of wireless EMG data acquisition system for Gait analysis Detection and Management of Attention Deficit Hyperactivity from EEG Signals	Level 4	2022-23
Design and implementation of control algorithm for Knee exoskeleton	Level 4	2022-23
Wireless power transmission for recharging implantable devices	Level 4	2022-23
Identification and analysis of disease gene relationship using machine learning approaches	Level 4	2022-23
Alzheimer's disease classification using deep learning techniques	Level 4	2022-23
Analysis of Protein sequence using Machine learning algorithm to detect neurodegenerative disease	Level 4	2022-23
IOT based Stress Detection Using Galvanic Skin Response (GSR) Sensor	Level 4	2022-23
Interoperative biopsy site relocalization in endoscope for gastro intestinal tract using DLT	Level 4	2022-23

Wearable body sensors for monitoring and assessing the person's body posture with reduced mobility	Level 4	2022-23
Motor imagery EEG based brain control interface	Level 4	2022-23
Development of eog based virtual keyboard by using a graphical user interface	Level 4	2022-23
An iot based encryption and decryption of mri brain image	Level 4	2022-23
Development of system to measure deltoid tension in reverse shoulder replacements	Level 4	2022-23
Automated brain tumour detection using hybrid classifier	Level 4	2022-23
Automated brain tumour detection using hybrid classifier Screening and analysis of genomic biomarker of lung cancer through machine learning	Level 4	2022-23
Design and development of functional near-infrared spectroscopy system	Level 4	2022-23
to measure hemodynamic changes in the prefrontal cortex	Level 4	2022-23
Monitoring of labor using electrohysterogram analysis	Level 4	2022-23
Detection of anaemia from conjunctiva of eye images	Level 4	2022-23
An optimizing method for uv ray intensity monitoring through wearable technology	Level 4	2022-23
Gosafe - An Intelligent Driving Solution for Minimizing Driver-prone Accidents	Level 4	2020-21
Trustworthy Selection of Cloud Services Using Deep Learning Models	Level 4	2020-21
Acoustic Sense: Directed Source Separation from Obstreperous Audio Using Neural Networks	Level 4	2020-21
Automatic Subjective Answer Grading Using Machine Learning and NLP Techniques	Level 4	2020-21
Reinforcement Learning Based Multi-UAV Path Planning in Remote Surveillance	Level 4	2020-21
Enhancement And Classification of Underwater Images Using Image Super Resolution and Transfer Learning	Level 4	2020-21
Modchain: A Secure and Scalable Blockchain Framework for IoT Devices	Level 4	2020-21
Drug Review Sentiment Analysis Using Medical N-gram Lexicon and Ensemble	Level 4	2020-21
Secure IoT Device Authentication Using B-tree Based Hybrid Blockchain	Level 4	2020-21
Spas: Smart Pothole Avoidance Strategy for Autonomous Vehicles	Level 4	2020-21
Synthesizing *Nix Scripts from Natural Language Description for Assisted ?E-learning	Level 4	2020-21
Blockchain and IPFS Based Patient Record Management System	Level 4	2020-21
Efficient Parallel Processing on Decision Tree Using GPU's	Level 4	2020-21
Exploratory Analysis and Deep Learning Predictive Model for Decision Making Systems	Level 4	2020-21
Ethereum Based Blockchain Technology in Agri-farm Smart Contracts	Level 4	2020-21
Railroad Segmentation Using Modified UNET	Level 4	2020-21
Lung Cancer Detection on Chest CT Images Using CNN and Feature Selection Techniques	Level 4	2020-21
Behaviour Analysis of Online Course Learners Using Face Expressions and EEG Data	Level 4	2020-21

Realtime Violence Detection and Individual Identification Using Deep Learning Techniques	Level 4	2021-22
Reverse Audio Search	Level 4	2021-22
A Secure Bioacoustics Based Lightweight User Authentication Scheme for Internet of Medical Things Environment	Level 4	2021-22
A Novel Machine Learning Approach for Network Intrusion Detection	Level 3	2020-21
Blockchain-based Cooperative Adaptive Cruise Control: A Multi-agent Deep Reinforcement Learning Approach	Level 3	2020-21
Tracking Human Activity Sing Deep Learning Frameworks	Level 3	2020-21
EEG Signal Based Epileptic Seizure Forecasting Using Deep Learning Models	Level 3	2020-21
A Cognitive Framework for Disease Prediction Using IoT	Level 3	2020-21
Blockchain Powered Monitoring of Medical Service Vehicles	Level 3	2020-21
Real-time Emotion Recognition by Facial Sentimental Analysis Using On-device ML	Level 3	2020-21
Smart Notes Maker for Visually or Hearing Impaired Students	Level 3	2020-21
Path Generation with Non-uniform Rational P-splines (NURPS) and Genetic Algorithm	Level 3	2020-21
Optimizing Contact Tracing Privacy and Accountability Using Blockchains	Level 3	2020-21
Classification and Segmentation of Agricultural Pests Using Image Processing	Level 3	2020-21
Multiclass Classification of Dermatoscopic Skin Lesions Using Deep Learning	Level 3	2020-21
Modelling And Simulation Of High Temperature Stp Thruster For Small Satellites	Level 2	2020-21
Influence Of Corner Filleting On The Performance Of Rectangular Linear Supersonic Micro-Nozzles	Level 2	2020-21
Thermal Characterization By Simulation Of Hartmann Sprenger (H-S) Tube For Various Mach Number	Level 2	2020-21
Study On Effect Of Suction Control On Transonic Airfoil By Numerical Simulation	Level 2	2020-21
Numerical Simulation Of plasma Assisted Combustion For Pulse Jet Engine	Level 2	2020-21
Localized Control Of Supersonic Jet Mixing By Internal Grooves In A C-D Nozzle	Level 2	2020-21
Mixing Characteristics Of High-Speed Jets Using Tabs With Truncated Asymmetric Projections	Level 2	2020-21
Jet Mixing Enhancement Using Tabs With Notched Asymmetric Projections	Level 2	2020-21
Stability analysis of unmanned combat aerial aircraft	Level 2	2021-22
Comparative Study On Jet Mixing Characteristics In A Square And Circular Nozzle Using A Pair Of Double Delta Tabs	Level 2	2021-22
Determination of Aerodynamics of wing with structural defects by Aircraft static response characteristics	Level 2	2021-22
Reacting flow investigation of cavity flame holders on mixing characteristics	Level 2	2021-22
Comparative Study On The Effect Of Perforated Tabs With Asymmetric Projections On Jet Mixing Enhancement	Level 2	2021-22
Flow Field Analysis Of Supersonic Jets With Grooved Plate	Level 2	2021-22

Numerical Investigation To Study A Viscous Supersonic Flow Around A Capsule	Level 2	2021-22
The Effect of Strut on Flow Separation in Rearward Facing Step	Level 2	2021-22
Design and simulation of pumpjet propulsion system for unmanned underwater vehicles	Level 2	2021-22
Analysis of thrust vector controlling in VTOL vehicles	Level 2	2021-22
Object detection using YOLOV4 algorithm	Level 2	2021-22
Hardware in the loop simulation of an aircraft using simulink and the UEISIM CUBE	Level 2	2021-22
Navigation Guidance Of UAV By LISSAJOUS CURVE	Level 2	2021-22
Multi-sensor data fusion for obstacle avoidance	Level 2	2021-22
Neutralization Of Drones By Using Signal Jamming	Level 2	2021-22
Theoretical analysis and simulation of liquid fed pulsed plasma thruster	Level 2	2022-23
Effect of milled fibers on static and dynamic properties of epoxy resin	Level 2	2022-23
Experimental study on rapidly expanding supersonic jets and flow control	Level 2	2022-23
Design and simulation of ported shrouds for stability enhancement of centrifugal compressors	Level 2	2022-23
Students performance insights- A comprehensive analysis on academic and placement activities	Level 4	2022-23
Android Malware Detection Based on Deep Learning	Level 4	2022-23
Web scraping of LinkedIn profiles for assessing student progression	Level 4	2022-23
Dementia Diagnosis with Medication, Diet Suggestion and an Android Based Support System	Level 4	2022-23
A Real Time Sign Language Translator	Level 4	2022-23
Incremental learning for signature verification and similarity retrieval	Level 4	2022-23
VEHICLE TRAJECTORY AND NEARBY COLLISION PREDICTION USING UAV	Level 4	2022-23
Sentimental analysis using covid-19 tweet dataset using machine learning	Level 4	2022-23
Graph Inferred Fake News Detection using Energy Flow	Level 4	2022-23
Retinal damage detection and classification using deep learning techniques	Level 4	2022-23
DETECTING AND GRADING GLIOMAS BASED ON MRI SCANS	Level 4	2022-23
SAFETY-CENTRIC HELMET USING IOT	Level 4	2022-23
MOBILE APPLICATION FOR CARE SEEKERS	Level 4	2022-23
IMAGE CAPTIONING USING DEEP LEARNING MODEL	Level 4	2022-23
SCIENTISTS DIRECTORY FOR SCIENCECITY OF TAMILNADU	Level 4	2022-23
Next-Gen Project Semester	Level 4	2022-23
Urban Planning Recommendation System for Healthcare	Level 4	2022-23
Development Of Novel Protein-Based Edible Coating With Orange Oil For Extension Of Shelf Life In Grapes	Level 3	2022-23

Development Of Wafer Cones Using Composite Flour	Level 3	2022-23
Development Of Health Mix Product Using Drynaria Quercifolia And Multi Millets	Level 3	2022-23
Design And Characterization Of Polysaccharide Composite Film For Lipid Rich Food Packaging	Level 3	2022-23
Effect Of Nutritive Sweeteners And Additives On Functional And Textural Characteristics In Breads And Cookies	Level 3	2022-23
Preparation of bio-nanocomposite films loaded with mixed fruit peel extract and ulva nanoparticles for wound healing applications.	Level 3	2022-23
formulation of sulfated seaweed polysaccharide with nanocrystalline cellulose as disintergant for clinical application –invitro and insilico approach	Level 3	2022-23
identification of hub gens associated with covid-19 and copd using network biology approach	Level 3	2022-23
comparative differential gene expression analysis between covid (sars-cov2) and epilepsy for identification of drug targets	Level 3	2022-23
Pharmacophore Based Modelling of Potential Phytochemicals as novel Angiotensin Converting Enzyme Inhibitors for the Treatment of Hypertension	Level 3	2022-23
Analytical Method Validation Of Assay Of Miconazole Nitrate Content In Miconazole Nitrate Capsules	Level 3	2022-23
ON CERTAIN MARKOVIAN QUEUEING MODELS SUBJECT TO WORKING VACATION AND CUSTOMER IMPATIENCE	Level 2	2021-22
Computational Studies on Hybrid Perovskite Materials for Solar Energy Applications	Level 2	2021-22
Data Offloading Schemes Using Device-to-Device Communication For Enhancing The Performance Of Next Generation Networks	Level 2	2021-22
Novel Terahertz Photoconductive Antenna structures for sensor and communication applications	Level 2	2021-22
INVESTIGATIONS OF ZnIn2S4 AS A VISIBLE LIGHT RESPONSIVE PHOTOCATALYST FOR HYDROGEN GENERATION AND WATER PURIFICATION APPLICATIONS	Level 2	2021-22
MODEL PREDICTIVE CONTROLLER FOR PMSM DRIVE WITH REDUCED TORQUE RIPPLE FOR SURGICAL APPLICATION	Level 2	2021-22
AN INVESTIGATION ON LOW ENERGY PULSED LASER SHOCK PEENING ON MECHANICAL AND SURFACE CHARACTERISTICS OF AA7075 T651 ALLOY	Level 2	2021-22
Nonlinear Distortion Reduction Techniques in Transistor Lasers for Analog Fiber Optic Communication Applications	Level 2	2021-22
Numerical Study on Pile Raft System Founded in Layered Soil	Level 4	2021-22
Design and Fabrication of a Leg Assisting Exoskeleton Suit	Level 4	2020-21
Design and Fabrication of 3-Axis Cartesian Robot Transfer Mechanism Prototype for Transfer between Different Elevation Levels on a Racking System	Level 4	2020-21
Design and Fabrication of Micro Tensile Testing Machine for Fibres	Level 4	2020-21
Fire Extinguishing Smart Helmet	Level 4	2020-21
Development Of Hybrid Metal Matrix Composite Of AA-7075/SiC/Aloe Vera Powder	Level 4	2020-21
Design and fabrication of four-legged robot (quadruped robot)	Level 4	2020-21
Superplastic forming of Aluminium 7075 reinforced with Silicon Nitride	Level 4	2020-21

Design and Development of a Prototype of Low-Cost Portable Ventilating Device	Level 4	2020-21
Design and Development of Fully Automated Micro Surgical Bed	Level 4	2020-21
Autonomous Mobile Robot for Workshop Management	Level 4	2021-22
Intelligent Chatbot for Cognitive behavioral Therapy	Level 4	2021-22
Lossless Native Bayer Color Filter Array (CFA) Image Compression Library for Android	Level 4	2021-22
Machine Learning Based Approach for Hardware Faluts Prediction	Level 4	2021-22
Machine Learning IN Automatic Music Mood Prediction Based on Song Audio	Level 4	2021-22
Personality identification system using machine learning	Level 4	2021-22
Piano Notes Identification Using DSP	Level 4	2021-22
Plant Disease Detection	Level 4	2021-22
Residual Flexural Strength in Composite Laminate on Oblique Indentation behavior.	Level 3	2021-22
Numerical Investigation Of Effect of Isolator Geometry on its Performance	Level 3	2021-22
Experimental Analysis of Convergent Elliptical Exit Chevron Nozzle	Level 3	2021-22
Investigation of residual strength of repaired composite laminates	Level 3	2021-22
Thermal and mechanical characteristics of blended paraffin wax beeswax based solid fuel used in hybrid rocket motor	Level 3	2021-22
Investigation on Post Indentation Behavior of Stitched Glass/Epoxy Composite Laminates	Level 3	2021-22
Effect Of Inclusion Of Iron Filler In Glass Epoxy Composite Under Static Loading	Level 3	2021-22
Experimental and Numerical analysis on a Trapped Vortex Combustor	Level 3	2021-22
Design, Fabrication and Testing of a Co-Axial Swirl Injector Element for a LOX and Kerosene Rocket Engine	Level 3	2021-22
Effect of Step Strut on expansion ramp of single expansion ramp nozzle(SERN) of Scramjet Engine	Level 3	2021-22
Investigation of indentation resistance of repaired curved composite	Level 3	2021-22
Experimental Investigation Of Flow Characteristics Of Compression, Expansion And Combined Ramp Fuel Injectors	Level 3	2021-22
Effect of top wall mounted square strut on separated flow in a step-based scramjet combustor	Level 3	2021-22
Numerical and experimental analysis on the effect of assymmetric tabs with notched rectangular projections in jet mixing characteristics	Level 3	2021-22
weather modification by cloud seeding using UAV	Level 3	2021-22
Testing of Nano Unmanned Aerial Platform as a High velocity airburst with multiple payloads for target Neutralization	Level 3	2021-22
Robust and Accurate vision based Landing by ARUCO tracking	Level 3	2021-22
Autonomous Indoor UAV Navigation using Deep Learning	Level 3	2021-22
Design and Development of Launch Vehicle for Small Payloads	Level 3	2021-22



Autonomous Navigation of UAV in a Dynamic Changing Environment Using SLAM Algorithm	Level 3	2021-22
Precision Agricultural Drone : Estimating Level of Seed Balls by using Ultrasonic sensor	Level 3	2021-22
Vision-based target identification and tracking by using CNN on Raspberry Pi Hardware	Level 3	2021-22
Design and Development of Magnetoplasmadynamic Thruster	Level 3	2021-22
Investigation of unidirectional cfrp-polystyrene laminate with tunable shape memory	Level 3	2022-23
Investigation of the effect of milled fibres on residual flexural strength of composite laminates	Level 3	2022-23
Experimental investigation of active control on elliptical nozzle	Level 3	2022-23
Experimental Investigation of Flow Characteristics In Dcr Combustor With Supersonic Gas Generator	Level 3	2022-23
Vibration Analysis of Aircraft Wing Model Using The Arduino Platform	Level 3	2022-23
Investigation of Static And Dynamic Behaviour of Glass Fibre Reinforced Polymer Composite Subject to oblique Indentation	Level 3	2022-23
Study of Cruciform Sonic Under Expanded Jet Flow Structure By Flow Visualization	Level 3	2022-23
Experimental Study of the Effect of Geometry of the Strut on Strut Insertion Based Thrust Vector Control System onThe C-D Nozzle	Level 3	2022-23
UAV PATH PLANNING USING BAT ALGORITHM	Level 3	2022-23
GAS POWERED DRONE	Level 3	2022-23
SIMULATION OF DRONE - CAPTURING PROJECTILE USING EULER'S AND RK METHOD	Level 3	2022-23
DESIGN OF SLIDING MODE CONTROLLER IN A TANDEM WING UAV FOR ATTITUDE CONTROL	Level 3	2022-23
CONTROLLING IOT ENABLED UAV OVER LONG RANGE IN A SECURED WAY	Level 3	2022-23
TARGET TRACKING USING UNMANNED AERIAL VEHICLE TO DROP AN ANAESTHETIC BOMB	Level 3	2022-23
Learning Hierarchical Relationships for Object Recognition Using Deep Learning	Level 4	2020-21
New modality:Emoji challenges in prediction, Anticipation and Retrieval	Level 4	2020-21
FAKE REVIEW DETECTION	Level 4	2020-21
Pneumonia Classification and Detection Using Deep Learning Techniques	Level 4	2021-22
An Approach for Parkinson's Disease Classification and Prediction	Level 4	2021-22
A Blockchain Based E-bidding System Using Multiparty Computation	Level 4	2021-22
Optimized Energy Efficient Deployment of UAVs Using Federated Learning	Level 4	2021-22
Automatic Defect Detection of Solar Panels Using UAV and Machine Learning	Level 4	2021-22
An Enhanced Energy Efficient Attack Prevention Routing Protocol for Unforeseen Situations in Vanet	Level 4	2021-22
Access Control Framework and Tamper Detection of Electronic Medical Records in Cloud Based Blockchain	Level 4	2021-22

Multivariate Temporal Classification with Outlier Analysis and Ensemble Model	Level 4	2021-22
Temporal Segmentation and Classification Framework for Wearable Sensor Data Analysis	Level 4	2021-22
Alzheimer's Disease Classification from Brain MRI Data Using Deep Learning Models and Transfer Learning	Level 4	2021-22
Blockchain Assisted Location Verified Two-way Authentication for Aerial to Ground Sensor Communications	Level 4	2021-22
Optimal Routing and Charging Coordination Framework for Autonomous Electric Vehicles in Complex Environments	Level 4	2021-22
Emotional State Identification Using Physiological Signals	Level 4	2021-22
Secure Land Registration System on Polygon Blockchain with Inter Planetary File System	Level 4	2021-22
Prognostic Classification of Respiratory Ailments Using Acoustic Analysis of Lung Auscultation Sounds	Level 4	2021-22
Post-disaster Damage Classification Using Satellite Images	Level 4	2021-22
Defense Strategy For Autonomous Vehicles Against Adversarial Attacks	Level 4	2021-22
Location Based Event Detection System	Level 4	2021-22
Sawtooth Based Pharmaceutical Supply Chain	Level 4	2021-22
Light Weight Robust and Secure Authentication Scheme for Internet of Things Using Blockchain	Level 4	2021-22
Assessment of Water Quality Indices Using Deep Learning Techniques	Level 4	2021-22
Attention-Based Bi-directional Conv LSTM U-NET Segmentation and Classification of Pulmonary Embolism Using VGG-16	Level 4	2021-22
Segmentation Of Brain Tumor In Federated Learning	Level 4	2022-23
Energy alert and fake news detection in Twitter based on influential user emergency	Level 4	2022-23
Deep learning based reliable user identification during disaster using social media	Level 4	2022-23
Optimized Kernel Launching In GPU For Skin Lesion Segmentation	Level 4	2022-23
FSSN: Fast Semantic Segmentation Using Distributed Deep Learning	Level 4	2022-23
Attention UNET Based Segmentation And	Level 4	2022-23
Multivariate Temporal pattern classification using deep neural networks	Level 4	2022-23
Computer Vision Based Shopping Assistant	Level 4	2022-23
Lung CT Images-Based Cardiovascular Disease Prediction Using Machine Learning	Level 4	2022-23
Secure and inter operable block chain based IOT device manager	Level 4	2022-23
A novel multimodal approach for emotion recognition in differently abled individuals	Level 4	2022-23
A Pharmaceutical Supply Chain: Vaccine Traceability Using Consensus Mechanism	Level 4	2022-23
A Dynamic Ridesharing System for Efficient Road Utilization Using Ride Matching Algorithm	Level 4	2022-23
Swarm Based Localization And Detection For Disaster Recovery In Fanet	Level 4	2022-23

Attention Based Autoencoder for Reconstruction of Incomplete And Damaged Fingerprints	Level 4	2022-23
Searchable Encryption on Outsourced Data In Multi-User Setting	Level 4	2022-23
Media Optimization and metabolomics study in Chinese hamster ovary cell cultivation	Level 3	2021-22
Application of biphasic and triphasic extraction to remove pigment and purify the recombinant protein	Level 3	2021-22
Expression and purification of proteinase K from Escherichia coli	Level 3	2021-22
In silico study on the effects of RBD mutations on binding of FDA approved drug molecules in SARS – CoV-2 variants	Level 3	2021-22
Evaluation of antidiabetic and antiadipogenic activity of ellagic acid an in vitro and in silico approach	Level 3	2021-22
Understanding tamoxifen induced mitochondrial dynamics under different microenvironments	Level 3	2021-22
Development Of Iron (Fe) & Calcium (Ca) Rich Solid Sugar Matrix	Level 3	2021-22
Invitro, Insilico Analysis and Development of Antifungal Spray From Leaves Extract Of Thespesia populnea	Level 3	2021-22
Extraction And Quantification of Bioactive Components from Drynaria Quercifolia Fern Rhizome, mnema Sylvestrae Leaves and Their Application As A Functional Food	Level 3	2021-22
Characterization And Optimization of Probiotic Microencapsulates of alginate-Corn Starch Polymeric Blend And Formulation of Probiotic Functional Food	Level 3	2021-22
Preparation and characterisation of Resistant Starch From Artocarpus heterophyllus	Level 3	2021-22
Development of Instant Food Product Fortified With Moringa Oleifera Pod and Evaluation for its viscochemical Properties	Level 3	2021-22
Anticancer effect of bioactive constituent of evolulus alsinoides L in glioblastoma cancer line	Level 3	2021-22
Insilico and Invitro approaches for elucidation of molecular pathways in Oral Submucous Fibrosis	Level 3	2021-22
Enhancing the recombinant protein production of valine dehydrogenase using Escherichia coli	Level 3	2021-22
Preparation and characterization of edible film based on cassia auriculate flower extract and its application in meat preservation	Level 3	2021-22
A new icecream formulation from Bermuda grass cynodont dactylon L.extract and tender coconut water with ginger flavour	Level 3	2021-22
Development of vegan nuggets using different plant proteins as a meat substitute: Evaluation of physicochemical and sensory characteristics	Level 3	2021-22
Formulation of biodegradable drinking straw using garlic and onion peel	Level 3	2021-22
Development of nutritious ready to eat flakes formulated with palmyra sprout Borassus flabellifer flour	Level 3	2021-22
Evaluation of anthocyanin in wound healing	Level 3	2021-22
Screening of Glucose-6-phosphatase phytonutrients from Capsicum annuum var Grossum: Insilico and In vitro approach	Level 3	2021-22
Synthesis and characterization of silica nanoparticles using carica papaya leaf extract and their application	Level 3	2021-22
Isolation and characterization of exosomes from hepatocytes	Level 3	2021-22

Development and characterization of polymeric microparticles for the delivery of Hepatitis-B surface antigen.	Level 3	2021-22
Optimization and synthesis of model protein loaded polymeric microparticle for therapeutic delivery	Level 3	2021-22
Evaluation Of Combined Effects Of Alpha-Lipoic Acid And Exemestane On Breast Cancer Cells	Level 3	2021-22
Development of a Value Added Product From Banana Peel	Level 3	2021-22
Studies on Extraction of Carotenoid Pigment from Delonix Regia (Gulmohar)	Level 3	2021-22
Estimation of Prebiotic Potential of Banana and It's Utilization in Yogurt	Level 3	2021-22
Cellulose Nanocrystal (Cnc) from Ipomoea Carnea for Food Packaging Applications	Level 3	2021-22
RNA Sequence Analysis on Parkinson's Disease using Next Generation Sequencing Tools	Level 3	2021-22
Insilco Study on $\beta$ -Crystallin Proteins	Level 3	2021-22
In Silico Studies on Inhibiting Toll-Like Receptors in the Treatment of SLE and SNP Studies on Toll-Like Receptor Protein Coding Genes	Level 3	2021-22
Insilico Studies on Protein Bacterioferritin in Multi-Drug Resistant Tuberculosis Interactions with Drugs	Level 3	2021-22
In Silico Study on Proteins Against Natural and Chemical Compounds on Alzheimer Disease	Level 3	2022-23
Negative Regulatory Effects of Ephexin-5 in Alzheimer's Disease	Level 3	2022-23
In Silico Molecular Docking Against Proteins Causing Peptic Ulcer Using Natural Ligands	Level 3	2022-23
In-Silico Analysis of Antibacterial Activity of Plant Defensins (Fabatin, Cp-Thionin-li, Vrd2)	Level 3	2021-22
Performance of Fibre Reinforced Fly ash Mix As Infill Material In Geo-cell Reinforced Sand Bed	Level 4	2022-23
Behaviour of Synthetic Waste Through Intrinsic Mixing And Column Material In Soft Clays	Level 4	2022-23
Performance of Lime Bed and Lime Column in Expansive Clay - A Comparative Study	Level 4	2022-23
Performance of Strip Footing In Geo-grid Reinforced Sand Medium For Different Water Table Condition	Level 4	2022-23
Surface Settlements And Lining Pressure Due To Tunnelling In Single Layer and in Two Layered Soil Deposits	Level 4	2022-23
Performance Evaluation of Foundations For Wind Turbines	Level 4	2022-23
Stability Analysis of Canal Embankment on Soft Clay Under Seepage Flow Conditions	Level 4	2022-23
Development of leather fabric using leather waste, soybean protein and eucalyptus	Level 1	2020-21
Development of chamois leather for medicinal application	Level 1	2020-21
Studies on improving scratch resistant property on finished leather	Level 1	2020-21
Improving the leather riding jacket with airbag technology	Level 1	2020-21
Development of laser engraving machine for finishing of shoes	Level 1	2020-21

Metal free washable glove leather using cleaner leather processing concept	Level 1	2020-21
Studies on factors affecting fibre breakage and ways to reduce/control it	Level 1	2020-21
Development of self-healing characteristics for an automotive leather	Level 1	2020-21
Approach in development of leather face mask	Level 1	2020-21
Extraction of tannins from grape Pomace (by product of wine industry) and its application in leather tanning	Level 1	2020-21
Improving impact resistance in protective gloves for football goalkeepers	Level 1	2020-21
Fabrication of leather like synthetic material from trimmings of skins and hides wastes	Level 1	2020-21
Ink pigments (nano sized) for upgradation in leather	Level 1	2020-21
Exploring Glutaraldehyde Free Shrunken Grain Process as a Route towards Upgradation of Thin Substance Wet-Blue Leathers	Level 1	2021-22
Development of Amino Acid based Surfactant from Fleshing Waste	Level 1	2021-22
Gym Glove Leather with Improved Design and Properties	Level 1	2021-22
Abrasion Resistance Improval in Vegetable Tanned Lining Leather	Level 1	2021-22
Circular Economy Approach to Utilize Chrome Shavings as Tanning & Re-tanning Agent in Leather Processing	Level 1	2021-22
Analysis of Heavy Metals in Finished Leather and Prevention Measures	Level 1	2021-22
Development of Multifunctional Polymer for the Processing of Hides and Skins	Level 1	2021-22
Development of Glow in Dark Shoe	Level 1	2021-22
Eco Friendly Reinforcement Material	Level 1	2021-22
Effect of microplastic pollution on the distribution of microalgal species in marine environments	Level 4	2020-21
Methylene blue removal in vertical constucted wetlands	Level 4	2020-21
Removal of Triclosan from wastewater by vertical flow constructed wetlands	Level 4	2020-21
Investigation of Naproxen degradation in a slurry photocatalytic membrane reactor	Level 4	2020-21
Extraction of biochar from organic waste using slow pyrolysis	Level 4	2020-21
Performance analysis of Tertiary treatment of sewage wastewater in koyembedu Sewage treatment plant	Level 4	2020-21
Application of Remote Sensing and GIS in Environmental Management	Level 4	2020-21
Green synthesis of silver nano particle from psidium Guajara to remove cadmium	Level 4	2020-21
Integrating electrolysis with hydrogen fuel cell to recover pure water and generate electricity from waste water	Level 4	2020-21
use of vegetable waste derived biochar as bio amendment for reclaiming contaminated agricultural environments	Level 4	2020-21
Feasibility analysis of using bio carriers in suspended growth systems	Level 4	2020-21
Conversion of Magnesium Bearing Silicate Waste to Magnesium Carbonate through CO2 utilization	Level 4	2020-21

Data Analytics platform for the optimisation of waste management procedures efficiently	Level 1	2022-23
Optimization of project management using agile -scrum methodology - A quantitative study using TAM and IDT	Level 1	2022-23
Payment process optimisation using quality control tools	Level 1	2022-23
Conductive ink	Level 3	2022-23
Customization of foldable wheel chair using Additive Manufacturing	Level 1	2020-21
Pneumatic pick and place system for a Forged component	Level 1	2020-21
Analysis of PVD coated Titanium plate for Implant applications	Level 1	2020-21
Digital Twin on Robotic Arm	Level 1	2020-21
Automatic Physiotherapy Equipment for Leg fracture	Level 1	2020-21
Development of Nano Coated Magnesium based Biomaterials	Level 1	2020-21
Effect of varying concentrations of NaNO3 on surface finish in electrochemical machining for machining SS304	Level 1	2020-21
Automatic Retraction and Retrieval system of two wheeler stand	Level 1	2020-21
Comparative Study on Conventional Turning and Scroll free Turning	Level 1	2020-21
Design and development of Automatic Tumbler Washer	Level 1	2020-21
Development of human collision warning system in excavators using passive Infra-Red sensor and Machine Vision	Level 1	2020-21
STUDY AND FABRICATION OF FLAME RETARDANT NATURAL FIBRE REINFORCED POLYMER MATRIX COMPOSITE	Level 1	2021-22
REAL TIME ENGINE OIL MONITORING SYSTEM FOR DIAGNOSIS OF LUBRICANT USING IOT NETWORK	Level 1	2021-22
ELECTROPOLISHING OF SS304 USING ECO FRIENDLY ELECTROLYTE IN A NEWLY DESIGNED FIXTURE	Level 1	2021-22
FABRICATION AND TESTING OF TEXTILE FIBRES INFUSED POLYURETHANE FOAM FOR SOUND PROOFING APPLICATIONS	Level 1	2021-22
PROCESS OPTIMIZATION FOR ELECTROCHEMICAL MICROMACHINING ON STAINLESS STEEL 904L	Level 1	2021-22
PERFORMANCE ANALYSIS OF TiALCRN COATED INSERT ON 410 MARTENSITIC STAINLESS STEEL BY DRY TURNING	Level 1	2021-22
EXEMPLARY DESIGN OF A SOLAR PANEL TO EFFICIENTLY INCREASE A SOLAR PANEL'S POWER PRODUCTION BY REDUCING HEAT GENERATION.	Level 1	2021-22
EFFECT OF BIO-INSPIRED TEXTURES ON TURNING UNDER DRY AND SOLID LUBRICANT CONDITION	Level 1	2021-22
DESIGN AND SIMULATION OF AUTOMATIC PALLET CHANGER FOR CNC MACHINES	Level 1	2021-22
EXPERIMENTAL INVESTIGATION ON INFLUENCE OF PROCESS PARAMETERS IN THE MACHINABILITY OF MONEL 400 IN LASER MICRO DRILLING PROCESS	Level 1	2021-22
DESIGN, FABRICATING AND TESTING OF FIXTURE FOR ENGINE COVER IN 5 AXIS MACHINE	Level 1	2021-22
DEVELOPMENT OF LOW COST AUTOMATED POURING SYSTEM	Level 1	2021-22

DESIGN AND DEVELOPMENT OF TWEEL	Level 1	2021-22
DEVELOPMENT OF MECHANIZED TRAJECTORY TRACER	Level 1	2021-22
Design and development of a FDM machine with independent twin extruder.	Level 1	2021-22
Generation, characterization and testing of heterogeneous nanoparticles for heat transfer application using micro-EDM.	Level 1	2021-22
Reducing rejection and rework by application of six sigma methodology in fan hub manufacturing.	Level 1	2021-22
Additively manufactured gradient negative stiffness honeycombs for energy absorption application.	Level 1	2021-22
Design and development of deburring setup with computer vision based inspection for axle outer race.	Level 1	2021-22
Study and development of an inlet system for a PM 2.5 Sensor for Monitoring Indoor and Ambient Air Pollution.	Level 1	2021-22
Feasibility study on assembly automation for armoured fighting vehicle.	Level 1	2021-22
Design and fabrication of face gear using end mill cutter.	Level 1	2021-22
Computer integrated capacity assessment of press shop with enhanced overall equipment effectiveness.	Level 1	2021-22
Study and characterization of electroless nickel-boron/multi-walled carbon nanotube plating on titanium alloy.	Level 1	2021-22
Forecasting quadcopter behaviour in response to environmental disturbances by analysing four rotor performance	Level 3	2022-23
Electromagnetic semi-active suspension control using hardware in loop and sensor in loop	Level 3	2022-23
3D reconstruction of an object using shape from focus method	Level 3	2022-23
Design, fabrication and testing of an iot based multiple authentication security system	Level 4	2020-21
Design and fabrication of multi extruder fdm 3d printer by using drylin linear system	Level 4	2020-21
Vision based agricultural harvesting using mobile robot	Level 4	2021-22
Development of autonomous logistics robot	Level 4	2021-22
Development of prosthetic hand for transradial amputees	Level 4	2021-22
Development of hexacopter for delivery application	Level 4	2021-22
Autonomous germ disinfection mobile robot for clinical sanitation	Level 4	2021-22
Stabilization of inverted pendulum by using non linear control scheme	Level 4	2021-22
Design and development of roof sliding quadcopter with guard	Level 4	2022-23
Autonomous lawn mower	Level 4	2022-23
Design and development of semi-automatic apparatus for terrestrial photogrammetry	Level 4	2022-23
Autonomous exploration and mapping with ros for mobile robot	Level 4	2022-23
Design of a self balancing platform for arav (all round armed vehicle) and analysis of the wheel performance on various terrains	Level 4	2022-23
Design and development of prosthetic hand for upper limb amputee	Level 4	2022-23

Development of 4th axis for a uv direct ink write 3d printer	Level 4	2022-23
Self-driving car	Level 4	2022-23
Design and fabrication of multipurpose bot specially for agriculture	Level 6	2020-21
Development & Testing of AA7075 - RHA Metal Matrix Composite by Stir Casting	Level 4	2021-22
Design and Fabrication of Temperature Maintained Food Container Prototype	Level 4	2021-22
Spill proof smart dustbin with Data Interpretation	Level 4	2021-22
Design and Fabrication of Catalytic Converter using Fly Ash	Level 4	2021-22
Fabrication of Uni-Wheel Electric Skateboard	Level 4	2021-22
Fabrication of semi automated chocolate manufacturing machine using additive manufacturing technique.	Level 4	2022-23
Design and fabrication of gas pipe line leakage detecting robot	Level 4	2022-23
Fabrication of flexible fixture for incremental forming process and optimization of forming parameters	Level 4	2022-23
Design and fabrication of heat sink	Level 4	2022-23
Intelligent prosthetic hand system for adaptive grasping with the help of EMG signal	Level 4	2022-23
Design and fabrication of multipurpose polar CNC machine	Level 4	2022-23
Fabrication of non-metal bicycle frame	Level 4	2022-23
Implementation and fabrication of four wheel independent steering system in AGV.	Level 4	2022-23
Multimode dual axle four wheel steering system	Level 4	2022-23
Exoskeleton suit for monoplegia patients for lower limbs	Level 4	2022-23
Analysis of dual sieve rainy radiator	Level 1	2020-21
Magnetic shock absorber	Level 1	2021-22
Design, fabrication and analysis of mobile robot for cleaning	Level 1	2021-22
Fabrication of uv based sanitation robot for clinical environment	Level 2	2020-21
Wireless multi-axis vibration data acquisition system for vehicle comfort estimation and step loss detection	Level 2	2020-21
Energy management and throttle compensation based on elevation and load in electric-bike	Level 2	2020-21
Computer vision based indian sign language interpreter	Level 2	2020-21
Animatronics eye for object tracking	Level 2	2020-21
Solar based multipurpose agricultural vehicle	Level 2	2020-21
Prediction of wear and friction coefficient of brake pad using deep learning techniques	Level 2	2020-21
Adaptive tensile strength visualization system on fdm for pla material using machine learning algorithm	Level 2	2021-22
Design and fabrication of lower limb exoskeleton for hemiplegic patients	Level 2	2021-22



Classification of food grains before processing in rice or flour mill by machine vision techniques and deep learning algorithms.	Level 2	2021-22
SEMI-ACTIVE SUSPENSION SYSTEM USING SKYHOOK CONTROL STRATEGY	Level 1	2020-21
Design optimization of modified hub Nacelle model	Level 1	2021-22
Biologically inspired flow field design for bipolar plate	Level 1	2021-22
Design and Analysis of induction motor for an electric vehicle	Level 1	2021-22
Deisgn and analysis of fifth wheel parking system	Level 1	2021-22
investigation on the performance of briquette made from biomass wastes	Level 1	2021-22
Study of corrosion and fatigue charactersitics of Al 6063 alloy processed by cyclic Extrusion and Expansion (CEE) Technique	Level 1	2021-22
Experimental study of mechanical properties, corrosion behaviour and microstructure of friction stir welded disimilar titanium alloys	Level 1	2021-22
PERFORMANCE ENHANCEMENT OF COGNITIVE RADIO NETWORKS USING EFFECTIVE SPECTRUM SENSING APPROACHES	Level 2	2022-23
VISIBLE ACTIVE NOVEL SEMICONDUCTOR COMPOSITES: SYNTHESIS, CHARACTERIZATION AND PHOTOCATALYTIC DEGRADATION OF ORGANIC POLLUTANTS	Level 2	2022-23
STUDIES ON STATIC AND DYNAMIC CHARACTERISTICS OF LIGHT WEIGHT STRUCTURAL SANDWICH PANELS	Level 2	2022-23
Electrochemical Analysis of Electrospun based conducting polymer/metal oxide composite nanofibers for supercapacitor application	Level 2	2022-23
SPATIOTEMPORAL KNOWLEDGE MINING FRAMEWORK FOR COMPUTER ASSISTED DECISION MAKING SYSTEM	Level 2	2022-23
SOME INVESTIGATIONS ON VIRTUAL INERTIA CONTROL OF DC MICROGRIDS	Level 2	2022-23
COMPUTATIONAL ASPECTS OF NEUTROSOPHIC MULTI ATTRIBUTE DECISION MAKING PROBLEMS	Level 2	2022-23
RECOGNIZING ABNORMALITY IN FETAL IMAGES USING DEEP LEARNING MODELS	Level 2	2022-23
GEBOT - Online Buy And Sell Using Reverse Bidding	Level 4	2021-22
Machine learning based malware classifier	Level 4	2021-22
Audio and video chat web application using webrtc	Level 4	2021-22
Maternal and Child Care Solution	Level 4	2021-22
Application Build Automated Tool	Level 4	2021-22
Lung Cancer Detection Using Machine Learning	Level 4	2021-22
Deepfake Detection using wavelet packets	Level 4	2021-22
Brain Tumor Detection using Swin Transformer	Level 4	2021-22
Stockone realtime warehouse management system with offsite backup	Level 4	2021-22
FRAUDULENT PRODUCT DETECTION USING CUSTOMER REVIEWS AND RATINGS ON AMAZON PRODUCT DATA	Level 4	2021-22
Store App	Level 4	2021-22

GRIEVANCE REDRESSAL FOR OTHER STATE STUDENTS ADMISSION	Level 4	2021-22
Covid-19 Data Analysis and Forecasting	Level 4	2021-22
Play and Learn	Level 4	2021-22
Virtual Doctor	Level 4	2021-22
E Book recommendation system using reviewer ratings and feedback	Level 4	2021-22
Runway Management System	Level 4	2021-22
STANDALONE SHIPPING STATION	Level 4	2021-22
Research Topic Specific Expert Identification Using Deep Learning	Level 4	2021-22
Web Based System Order Management for Agriculture Nursury Product	Level 4	2021-22
Online UG Admission Application for NRI NICWIGC Students	Level 4	2021-22
Driver safety using OpenCV	Level 2	2021-22
Stress detection from facial expression	Level 4	2021-22
Auction application using block-chain	Level 4	2021-22
News Feed Application using Flask deployed in docker for disabled person	Level 4	2021-22
Sign Language To Tamil Speech Using Machine Learning	Level 4	2021-22
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Face mask and social distance detection using deep learning techniques	Level 4	2021-22
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Machine Learning Based Classification of Diabetic Foot Ulcer	Level 3	2020-21
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UV LED based Bioreactor for Sewage treatment plants	Level 4	2021-22
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Recovery of Lithium from Li-Ion batteries	Level 4	2021-22
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Point Fluted Bottom rollers for roller drafting system of yarn spinning and preparatory machines	Level 5	2021-22
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Early Flood Detection and avoidance	Level 3	2021-22
Analysis of resting state functional MRI for healthy and essential tremor subjects	Level 3	2021-22
Image processing for object detection of custom data sheet	Level 3	2021-22
Node to Node communication security in IOT networks with hybrid cryptography and steganography system	Level 3	2021-22
Safe Local Navigation for Visually Impaired	Level 3	2021-22
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Automatic irrigation system and monitoring using Lora	Level 3	2021-22
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Physical Layer Security using Cooperative Jamming in NOMA Relaying Networks	Level 3	2021-22
Enhancing Physical layer security for 5G NOMA systems	Level 3	2021-22
Machine learning based physical layer spoofing attack detection for 5G networks	Level 3	2021-22
Highway navigation system using light fidelity technology	Level 3	2021-22
Blockchain voting system using non-fungible tokens	Level 3	2021-22
Low-Latency Scheduling for Delay Sensitive Applications	Level 3	2021-22
Deep learning based decoding of Spatial Modulation signals	Level 3	2021-22
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Stock price prediction using datasets by supervised ML technique and AI model	Level 3	2021-22
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Enose for fruit maturation detection	Level 4	2021-22
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Degradation of Textile Dye Waste Water Using Photocatalyst	Level 3	2021-22
Microwave Combusted Rare Earth and Transition Metal Doped Ceria Based Electrolyte for Intermediate Temperature Solid Oxide Fuel Cells	Level 3	2021-22
Enhancing TriboelectricNanogenerator Performance via Entropy-Stabilized Oxides for Improved Dielectric Constants in Thin Film Configurations	Level 3	2022-23
Investigation of rGO/MgO nanocomposites for energy storage applications	Level 3	2022-23
BTO decorated PVDF nanofiber-based hybrid Nanogenerator	Level 3	2022-23
PREPARATION OF NANOFIBROUS MAT FOR WOUND DRESSING	Level 3	2021-22
CELLULOSE CRYSTALS FROM SUGARCANE BAGASSE	Level 3	2020-21
DEVELOPMENT OF FILTER INCORPORATED CEILING FAN AND ANALYSIS OF ITS PERFORMANCE	Level 3	2020-21

NEEM/PLA BIODEGRADABLE COMPOSITE FOR DETACHABLE TOOTH BRUSH HEAD	Level 3	2020-21
ERI SILK/ PCL/HAP BIO COMPOSITE FOR BONE APPLICATION	Level 3	2020-21
DEVELOPMENT AND CHARACTERIZATION OF SUPER ABSORBENT FIBRE FROM BIO POLYMERS BLEND	Level 3	2020-21
SELF - CLEANING ACTIVITY IN DYED COTTON FABRIC USING TIO2 NANO - PARTICLES	Level 3	2020-21
DEVELOPMENT OF HALOCHROMIC SENSOR MATERIAL USING TEXTILE SUBSTRATE	Level 3	2020-21
SILVER NANO PARTICLES INCORPORATED WET LAID NON WOVEN FOR ANTIBACTERIAL WOUND DRESSING APPLICATION	Level 3	2020-21
PREPARING ELECTROSPUN NANOFIBRES USING NATURAL EXTRACTS AND STUDYING THEIR ANTIBACTERIAL PROPERTY	Level 3	2020-21
STUDY OF THERMAL AND MECHANICAL PROPERTIES OF JUTE WOVEN AND BANANA WEB COMPOSITE	Level 3	2020-21
DEVELOPMENT OF AN ECO FRIENDLY ANTIMICROBIAL COATED WEB FOR HEALTH CARE APPLICATION	Level 3	2020-21
ANALYSIS OF EFFECT OF WEFT PRE TREATMENT ON LOOM EFFICIENCY	Level 3	2020-21
STUDY OF ANTIDERMATOPHYTIC ACTIVITY OF STINGING NETTLE LEAF EXTRACT ON SCOURED COTTON FABRIC	Level 3	2020-21
REDUCTION OF REWORK PERCENTAGE IN SINGLE NEEDLE QUILTING MACHINE	Level 3	2020-21
REDUCTION OF GSM VARIATION IN THERMAL WADDING LINE UP TO TOLERANCE LEVEL OF +/- 2%	Level 3	2020-21
A STUDY ON OPTIMIZATION OF RESOURCES BY FORMULATING EFFETIVE PRODUCTION PLANE	Level 3	2020-21
BRASSIERE BULTIN NURSING BLOUSE	Level 3	2020-21
EFFECT OF VARIOUS COATED SEWING NEEDLS ON SEAMS AND FABRIC CONSTRUCTION	Level 3	2020-21
STUDY ON THE EFFECT OF STRAP DESIGN AND ORIENTATION ON PRESSURE COMFORT OF THE BRASSIERE	Level 3	2020-21
ORIGAMI INSPIRED DESIGN OF BULLET PROOF VEST	Level 3	2020-21
DESIGN & DEVELOPMENT OF DUAL PURPOSE BABY CARRIER	Level 3	2020-21
EASY TO WEAR INFANT CLOTHING	Level 3	2020-21
DEVELOPMENT OF COTTON BASED SPACER FABRIC FACEMASK	Level 3	2020-21
DEVELOPMENT AND ANALYSIS OF JUTE/POLYPROPYLENE NEEDLE PUNCHED NONWOVEN GEOTEXTILE PRODUCED FROM UNTREATED AND ALKALI TREATED JUTE FIBER	Level 3	2020-21
STUDY THE EFFECT OF ANTIMICROBIAL ACTIVITY AND THE COLOUR CHANGES IN REACTIVE DYED FABRIC	Level 3	2020-21
DEVELOPMENT OF PH SENSOR FABRIC USING TURMERIC COLOURANTS	Level 3	2020-21
STUDY ON THE COMFORT PROPERTIES OF NANO PARTICLES COATED FABRICS	Level 3	2020-21
DEVELOPMENT OF EMI SHIELDING EFFECTIVENESS ON DIFFERENT STRUCTURE OF WOVEN COPPER FILAMENT FABRIC	Level 3	2020-21

DEVELOPMENT OF COMPOSITES FROM RECYCLED MATERIALS	Level 3	2021-22
DEVELOPMENT OF ANTIMICROBIAL SUPER ABSORBENT WET LAID NONWOVEN	Level 3	2021-22
EFFECTIVE UTILIZATION OF CATIONISED AND ANIOINISED WOOD PULP FOR MEDICAL APPLICATIONS	Level 3	2021-22
EFFECT OF CATIONIZATION ON DIRECT DYEING OF COTTON	Level 3	2021-22
DEVELOPMENT OF ANTIFUNGAL PROPERTY ON NON WOVEN USING NATURAL HERB EXTRACT	Level 3	2021-22
STUDY ON COPPER ELECTROPLATED COTTON FABRIC	Level 3	2021-22
DEVELOPMENT OF SELF-CLEANING DYED FABRICS	Level 3	2021-22
YARN FORMATION BY EXTRACTING TURMERIC FIBRE FROM TURMERIC STEM	Level 3	2021-22
DEVELOPMENT OF IRON OXIDE NANOPARTICLES(TRIDAX PROCUMBENS) /CELLULOSE ACETATE, ALMOND GUM COATED WEB FOR SANITARY NAPKINS	Level 3	2021-22
DEVELOPMENT OF SILVER COATED ANTIMICROBIAL FABRIC	Level 3	2021-22
DEVELOPMENT OF A SLOW RELEASE FERTILIZER COMPOSITE	Level 3	2021-22
CHARACTERIZATION OF ZIG-ZAG STITCH FLAX EPOXY COMPOSITE	Level 3	2021-22
AUTOMATIC FABRIC IDENTIFICATION AND WASH CYCLE DETERMINATION	Level 3	2021-22
IDENTIFY DEFECTS IN LAMINATION AND FIND OUT SOLUTIONS TO OVERCOME THESE DEFECTS	Level 3	2021-22
TO MINIMIZE THE GSM VARIATION IN BOTH NEEDLE PUNCHING AND THERMAL BONDED WADDING LINE	Level 3	2021-22
IMPROVEMENT IN SEWING EFFICIENCY THROUGH WORK STUDY AND SKILL STRUCTURE	Level 3	2021-22
STUDY ON EFFECTS OF MECHANICAL PROPERTIES OF FABRIC AND FIBRE IN SHAPE AND RECOVERY OF PILLOW	Level 3	2021-22
OVERALL EFFECTIVENESS IMPROVEMENT OF MULTI NEEDLE QUILTING LINE	Level 3	2021-22
STUDY ON ROTOR YARN WOVEN FABRIC SHRINKAGE	Level 3	2021-22
IMPROVEMENT IN THE PRODUCTION OUTPUT OF ZEN AND CLASSIC PILLOW LINE	Level 3	2021-22
A STUDY ON PRESSURE COMFORT SEAMLESS GARMENT	Level 3	2021-22
A STUDY ON SUSTAINABLE APPROACH TO REUTILIZE THE DENIM WASTE	Level 3	2021-22
DEVELOPMENT OF GARMENT FOR DIRECT TO GARMENT (DTG) INKJET PRINTING	Level 3	2021-22
DESIGN AND DEVELOPMENT OF CLOTHING FOR BEDRIDDEN ELDELY WOMEN	Level 3	2021-22
DEVELOPMENT OF A 3D PRINTED MASK FRAME WITH ANTIMICROBIAL COATED COTTON FABRIC	Level 3	2021-22
MODULAR BULLETPROOF VEST	Level 3	2021-22
OPTIMIZATION OF PROCESS CONDITIONS OF COTTON FABRIC TREATMENT WITH TURMERIC EXTRACT	Level 3	2021-22

INFLUENCE AND EFFECT OF LAUNDERING CYCLES ON MECHANICAL AND COMFORT PROPERTIES IN SEAMS OF INTIMATE APPARELS	Level 3	2021-22
STUDY ON ELECTROLESS SILVER PLATED SILK FABRIC	Level 3	2021-22
FUNCTIONALIZED SILVER NANOPARTICLES INCORPORATED POLYAMIDE NANOFIBERS FOR ANTIMICROBIAL TEXTILES	Level 3	2021-22
A COMPARATIVE STUDY ON THE FABRIC AND SEAM PARAMETERS OF RECYCLED AND VIRGIN POLYESTER COTTON BLEND ACTIVEWEAR FABRIC	Level 3	2022-23
A STUDY ON PATTERN ALTERATION FOR FITTING PROBLEMS IN MEN'S SHIRT	Level 3	2022-23
ANALYSIS AND IMPROVEMENT OF PRODUCTION USING VARIOUS METHODS	Level 3	2022-23
DEVELOPMENT AND ANALYSIS OF ACTIVE WEAR GARMENT	Level 3	2022-23
MINIMIZING KNIFE CUT REJECTIONS IN THE GARMENTS SEWING LINES	Level 3	2022-23
IMPLEMENTATION OF PDCA FOR MAXIMIZATION OF SEWING LINE EFFICIENCY	Level 3	2022-23
DEVELOPMENT OF BURNOUT PRINT ON COTTON POLYESTER BLENDED FABRIC	Level 3	2022-23
DEVELOPMENT OF TWO STAGE FIBROUS AND NANO SILICA COATED NON - WOVEN FILTERS FOR OIL - WATER SEPARATION	Level 3	2022-23
STUDY ON COMPOSITE PREPARATION	Level 3	2022-23
SYNTHESIS OF HYDROGEL FROM NATURAL CELLULOSIC FIBER FOR MEDICAL APPLICATION	Level 3	2022-23
DEVELOPMENT OF NEEDLE PUNCHED NON-WOVEN FOR HEMOSTASIS APPLICATION	Level 3	2022-23
EFFECT OF SEWING PARAMETERS ON SEAM STRENGTH ON KNITTED FABRICS	Level 3	2022-23
DEVELOPMENT OF MEDICAL PATCHES FOR ANTIFUNGAL TREATMENT	Level 3	2022-23
DEVELOPMENT OF WET LAID NONWOVEN FOR HEMOSTATIC APPLICATION	Level 3	2022-23
EFFECTS OF SYMMETRICAL LAYERS MECHANICAL PROPERTIES OF TEXTILE REINFORCED COMPOSITE	Level 3	2022-23
STUDY ON STRENGTH AND WET PROPERTIES OF SEA WATER RETTED OKRA FIBRE	Level 3	2022-23
PRODUCTION OF YARN FROM MILKWEED PLANT	Level 3	2022-23
A STUDY ON POSSIBLE CAUSES OF FABRIC DEFECTS AND ITS REMEDIES & IMPROVEMENT OF PRODUCTIVITY IN WEAVING	Level 3	2022-23
STUDY ON MECHANICAL PROPERTIES OF COATED FABRICS	Level 3	2022-23
STUDY ON PHYSICAL AND THERMAL PROPERTIES OF COLD WEATHER COMBAT SUIT BEFORE AND AFTER EXPOSING TO EXTREME COLD CONDITION	Level 3	2022-23
STUDY ON FABRICS USED IN HEALTH CARE APPLICATIONS	Level 3	2022-23
A COMPARATIVE STUDY ON EFFECT OF CONCENTRATION OF WETTING AGENTS IN ALKALINE AND ENZYMATIC PRETREATMENT ON COTTON FABRICS.	Level 3	2022-23
A COMPARATIVE EXPERIMENTAL STUDY ON THE EFFECT OF DIFFERENT SOAPING AGENTS ON FASTNESS PROPERTIES OF REACTIVE DYED COTTON FABRIC IN VARIOUS WATER HARDNESS.	Level 3	2022-23

MINIMIZATION OF DEFECTS IN SEWING SECTION BY LEAN TOOL	Level 3	2022-23
A STUDY ON OPEN END YARN RELATED REJECTION IN FABRIC	Level 3	2022-23
BOTTLE NECK ANALYSIS OF A MERCHANDISING UNIT TO IMPROVE THE WORKING EFFICIENCY	Level 3	2022-23
UPGRADED NATO SUIT WITH AEROGEL	Level 3	2022-23
STUDY ON LOFT RECOVERY OF PILLOWS WITH DIFFERENT FIBER COMPOSITION AND PACKAGING METHODS	Level 3	2022-23
FABRICATION OF VARIABLE SPEED FABRIC SPIN COATING EQUIPMENT	Level 3	2022-23
DEVELOPMENT OF ANTIMICROBIAL TEXTILE USING GREEN SYNTHESIZED NANOPARTICLES AND INVESTIGATION OF ITS ANTIMICROBIAL EFFICACY	Level 4	2022-23
DESIGNING UV PROTECTIVE BAMBOO KNITTED FABRIC THROUGH IN-SITU AND EXSITU ZnO NANOPARTICLE SYNTHESIS USING PLANT EXTRACT	Level 4	2022-23
SURFACE MODIFICATION OF POLY/COTTON BLEND FABRIC WITH ENZYMES	Level 4	2022-23
DEVELOPMENT OF POLYMER COATED AIR MESH FABRIC FOR THE APPLICATION OF WINDOW AC FILTER	Level 4	2022-23
Effect Of Super Absorbent Polymer On The Properties Of Conventional And Geopolymer Concrete	Level 3	2022-23
Modelling of water management under climate change – A case study of Chennai basin	Level 3	2022-23
Treatment of Rolling Mill Effluent by Modified Fenton Process	Level 3	2022-23
Thermal characteristics of synthesized graphene cement composites for sustainable environment	Level 3	2022-23
Design & Development of Footwear with Anti- Microbial Properties	Level 1	2021-22
Improving ionizing radiation shielding property in upper Leather.	Level 1	2021-22
Process intervention in chamois leather manufacture for garments	Level 1	2022-23
Improving the burnishable property by addition of oils and natural sheep fat for burnishable upper leather	Level 1	2020-21
Receptionist Robotic system	Level 3	2020-21
Compression Test on Rectangular, Square and Hexagonal Shaped AL6061 Honeycombs	Level 3	2020-21
Experimental Studies of Multi-Pass Single Point Incremental Forming on AA1100	Level 3	2020-21
Design and Fabrication of Prosthetic Hand with Machine Learning Based EMG Sensor Control	Level 3	2021-22
Analysis of Additively Manufactured Inconel 718 under Nanofluid MQL Machining	Level 3	2021-22
Mechanical properties and metallurgical characteristics of wire arc additive manufactured duplex STA	Level 3	2021-22
Lithium Ion Battery Powered Electric bike with Mechanical Fire Suppression System	Level 3	2021-22
Process Parameters on Performance Measures of Wire Cut Electric Discharge Machining of Inconel	Level 3	2021-22
Hybrid Friction Stir Processing	Level 3	2021-22
Reuse of RO reject through fly ash - three pot system.	Level 3	2021-22



CAL characterization of Sterculia Foetida fruit shell particulate reinforced Epoxy CO	Level 3	2021-22
Investigation of mechanical properties of FSW dissimilar metals.	Level 3	2022-23
Experimental analysis of welding of dissimilar metals by FSW	Level 3	2022-23
3D printing of polymer composite for EMI shielding application	Level 3	2022-23
Optimization of two point incremental forming process of SS 316L by using hybrid optimization technique	Level 3	2022-23
The study of creep and fatigue analysis of aluminium matrix composite	Level 3	2022-23
Design and study state analysis of performance of BOX wing aircraft for variable sweep angle	Level 3	2022-23
Micromachining of stiffness pattern of injection moulding core	Level 3	2022-23
Automation of municipal water distribution system using IOT	Level 3	2022-23
Assessment HDPE module for wave powered navigation buoy	Level 3	2022-23
Extraction and use of groundnutshell in retanning operation of leather processing	Level 1	2020-21
Study on influence of melanin on the efficiency of enzyme based unhairing and development of cost effective enzyme based unhairing	Level 1	2020-21
Depilation and fibre opening using natural deep eutectic solvents (nades)	Level 1	2020-21
Extraction of Cellulose from Prosopis juliflora for retanning process	Level 1	2020-21
Utilization of coffee husk in retanning process	Level 1	2020-21
Development of Chrome-Free tanning system based on sodium ortho silicate	Level 1	2020-21
Supercritical CO 2 based leather processing as a medium using metal free tanning: A step towards sustainable leather manufacture.	Level 1	2021-22
Study on self-sensing characteristics of gypsum mortar using supplementary cementitious materials	Level 3	2022-23
Study on The Behaviour of Helical Pile Subjected To Combined Loading	Level 4	2022-23
Study on Stress Deformation Characteristics of Tunnel In Jointed Rock	Level 4	2022-23
Influence of Sand Drain and Pore Fluid on Consolidation Characteristics of Soft Clay	Level 4	2022-23
Performance of Top Widened Encased Stone Column In Soft Clay Bed	Level 4	2022-23
Low cost automation in CNC machining cell	Level 1	2022-23
Additively Manufactured Cellular Structure for Battery Protection in Electric Vehicles	Level 1	2022-23
Development and investigation of aluminium metal Matrix hybrid composites through stir casting.	Level 1	2022-23
Wire arc additive manufacturing	Level 1	2022-23
IMPLEMENTATION OF MACHINE LEARNING CONCEPTS IN ELECTROCHEMICAL MICROMACHINING FOR INDUSTRIAL APPLICATIONS	Level 2	2022-23
Modeling of material removal and surface roughness in abrasive flow machining process.	Level 2	2022-23
Design analysis and prototype demostaration of air drop suspension system for tracked vehicle	Level 2	2022-23
Tribiological characterisation of prototype fast breeder reactor material	Level 2	2022-23

Mechanical Characterization of Additively Manufactured SS304L Wall Component using CMT Approach.	Level 2	2022-23
EXPERIMENTAL ANALYSIS OF ZIRCONIA COATING ON PISTON CROWN TO ENHANCE WORKING EFFICIENCY	Level 2	2021-22
MACHINE LEARNING APPROACH TO PREDICT THE TIME AND MATERIAL CONSUMPTION IN FDM	Level 2	2021-22
An industrial 4.0 framework for quality inspection and user accessibility test for maintenance module.	Level 2	2021-22
EXPERIMENTAL INVESTIGATIONS ON CRYOGENIC MACHINING	Level 3	2022-23
EXPERIMENTAL AND NUMERICAL ANALYSIS OF THE EFFECTS OF BIO-INSPIRED TEXTURES ON TOOL INSERTS FOR TURNING	Level 3	2022-23
Experimental investigations on formability of cylindrical cup	Level 3	2021-22
Experimental Investigation of Laser Micro-Drilling on Aluminium 6061 alloy	Level 3	2020-21
Experimental investigation on Gadolinium Zirconate Nano Coating on Piston rings	Level 3	2020-21
Experimental Investigation of Electrochemical drilling on Inconel 625 alloy	Level 3	2020-21
Enhancing the system model for Home Interior Design using Augmented Reality	Level 4	2020-21
Bearing fault diagnosis using domain adaptation	Level 4	2020-21
Epilepsy Drug Recommendation System using Federated Learning Approach in Mobile Systems	Level 4	2020-21
User controllable abstractive text summarisation and multilingual translation	Level 4	2020-21
Crop Yield forecasting through machine learning techniques	Level 4	2020-21
Customised dynamic arbiter to reduce the network on chip latency using priority-based arbitration	Level 4	2020-21
Sarcasm detection of online comments using LSTM - RNN	Level 4	2020-21
Latency Reduction in Multipath TCP using Efficient STTF Scheduling Algorithm	Level 4	2020-21
Image Encryption using Cellular Automata	Level 4	2020-21
Spam Detection using hybrid approach	Level 4	2020-21
Buy/Sell signals and portfolio optimization using RNN and Reinforcement Learning	Level 4	2020-21
Pose Invariant Facial Expression Recognition using Geometric Generative Adversarial Network	Level 4	2020-21
Digital product reviews optimization by detecting spam activity using machine learning	Level 4	2020-21
Effective dehazing of night images using ODCM and wavelet approach	Level 4	2020-21
Land Cover Classification of Multispectral Images using Dual Channel CNN	Level 4	2020-21
Deepfake detection in video using integrity verification in frame basis	Level 4	2020-21
Deep Learning Based Network Attack Detection for Data Security	Level 4	2020-21
Abnormal Activity Recognition Using Deep Learning in Live Streaming Video	Level 4	2020-21
Fault Prediction in underwater vehicles using Hidden Markov Model	Level 4	2020-21

Improving Kidney transplantation network in a secured way through edge containerization	Level 4	2020-21
End to end pedestrian features detection for self-driving cars	Level 4	2020-21
Earthquake Prediction using Transformer and ARIMA Model with Ensembling	Level 4	2020-21
Firefly algorithm-based optimization for topology generation, task scheduling and core mapping of NoC applications	Level 4	2020-21
Multiclass Autism Spectrum Disorder classification using graph convolution network by improving functional connectivity	Level 4	2020-21
Cost effective traffic and resources allocation for network slicing in 5G	Level 4	2020-21
Dynamic Searchable Encryption using Chebyshev Polynomials	Level 4	2020-21
Enhanced privacy preservation mechanism using Identity based Elliptic Galois cryptography in smart healthcare	Level 4	2020-21
Road crack forecasting using conditional generative adversarial network	Level 4	2020-21
Improved formation and object detection in unmanned aircraft vehicles	Level 4	2020-21
Email Spam Detection and Data Optimization using NLP Techniques	Level 4	2020-21
Pedestrian Count, Tracking and Detection System	Level 4	2020-21
Hand Gesture Based Continuous Sign Language Recognition System	Level 4	2020-21
An Intelligent Video Analysis Method for Anomaly Detection in Transportation System	Level 4	2020-21
Cloud Removal in Landsat-8 Satellite Imagery using Conditional Generative Adversarial Networks	Level 4	2020-21
Suspicious Activity Recognition and Tracking in Real Time	Level 4	2021-22
Real time adaptive road traffic - signal management based on visual traffic density	Level 4	2021-22
Early Fire Detection Model Based On Custom Neural Network	Level 4	2021-22
Improving AR Based Navigation Using Footstep Counting And GPS	Level 4	2021-22
Improving Deep Learning Based Facial Recognition In A Real Time Group Attendance System	Level 4	2021-22
Vibration based fault-prognostics in Rotary Machine components	Level 4	2021-22
Short Term Wind Power Prediction using Deep Learning ApproachesShort Term Wind Power Prediction using Deep Learning Approaches	Level 4	2021-22
Fault Prognostic Using Representation Based Classification By Deriving Health Index with Domain Adaptation	Level 4	2021-22
Speech Enhancement Using Improved U-Net Architecture	Level 4	2021-22
Traffic control and management for Smart city using Geo social Networks	Level 4	2021-22
Competitor Analysis Using Business Intelligence For Product Innovation	Level 4	2021-22
Link Prediction Using Fuzzy Computation By Analysing Social Relationship	Level 4	2021-22
Robust Text And Image Forgery Detection And Prevention In Digital Documents Over Online Social Networks	Level 4	2021-22
Behaviour based early detection of autism spectrum disorder	Level 4	2021-22
Tech Stack Prediction Using Multivariate Time Series Analysis	Level 4	2021-22

Detection Of Alzheimer's Disease And Its Severity Using Spontaneous Speech	Level 4	2021-22
A Hybrid approach for Network Intrusion Detection using Supervised-Unsupervised stacking	Level 4	2021-22
Multi-Fusion Based Multimodal Sentiment And Emotional Analysis	Level 4	2021-22
Assessing Knee Osteoarthritis Severity Grading Using Attention End To End Architecture	Level 4	2021-22
Smarter and Reliable Software Defined Networks based on ML techniques	Level 4	2021-22
Arrhythmia Prediction Using Federated Learning	Level 4	2021-22
Tracking Of Elephants With Emotion Detection Using Audio And Speech	Level 4	2021-22
Monitoring and Corrections of Human Joints Posture using Flex Sensor	Level 3	2020-21
Non-Invasive Detection of Anemia using Conjunctiva Images	Level 3	2020-21
Detection of Pathogens using Image Processing Techniques	Level 3	2020-21
Anemia Detection and Classification using Machine Learning Algorithm	Level 3	2020-21
Development of A Game for Neuromotor & Cognitive Feature Analysis	Level 3	2020-21
A Hybrid Intelligent Diagnosis System for Melanoma Skin Cancer Perception in Dermoscopic Images	Level 3	2020-21
Design and Development of Plantar Pressure Measurement System	Level 3	2020-21
Design of Mobile App for Finger Movement	Level 3	2020-21
Brain Tumour Classification using Deep Learning Algorithm	Level 3	2020-21
A Deep Learning Framework for Screening Covid-19 using Graph Neural Network	Level 3	2020-21
Development Wearable Device for Motivating Rehab Patients	Level 3	2020-21
Remote Control of a Device Using Eelectrooculogram	Level 3	2020-21
DESIGN OF LOW DROP OUT REGULATOR FOR DYNAMIC VOLTAGE FREQUENCY SCALING SoC	Level 3	2020-21
MEMRISTOR-BASED NEUROMORPHIC CHIP EMULATOR USING FPGA	Level 3	2020-21
LOW POWER DESIGN OF RECONFIGURABLE PWM GENERATOR FOR eGAN APPLICATIONS	Level 3	2020-21
AN ENERGY EFFICIENT COMMUNICATION BY COEXISTENCE OF WIFI AND IOT IN WLANS	Level 3	2020-21
FAULT TOLERANCE AND ENERGY MINIMIZATION IN IMPROVED EARLIEST DEADLINE FIRST ALGORITHM	Level 3	2020-21
DESIGN AND IMPLEMENTATION OF EFFICIENT VEDIC MULTIPLIER AND COMPARISON WITH RADIX-8 BOOTH MULTIPLIER AND ARRAY MULTIPLIER	Level 3	2020-21
DENOISING OF IMAGES FROM SALT AND PEPPER NOISE USING HYBRID GENETIC AND PARTICLE SWARM OPTIMIZATION ALGORITHM	Level 3	2020-21
HISTOGRAMS EQUALIZATION ALGORITHM FOR MARITIME AND SKY QUALITY IMAGE ENHANCEMENT	Level 3	2020-21
DIAGNOSIS OF FISH DISEASE AND COUNTING OF FISH USING IMAGE PROCESSING	Level 3	2020-21
CROP LEAF DISEASE DETECTION FOR TOMATO	Level 3	2020-21

PRIORITY-BASED MEDIUM ACCESS CONTROL FOR WIRELESS BODY AREA NETWORKS WITH HIGH-PERFORMANCE DESIGN	Level 3	2020-21
FABRIC DEFECT DETECTION BASED ON MEMBERSHIP DEGREE OF REGIONS	Level 3	2020-21
SIGNATURE VERIFICATION TECHNIQUE USING CONVOLUTIONAL NEURAL NETWORK	Level 3	2020-21
COMPUTER VISION BASED OBSTACLE AND LANE DETECTION FOR AUTONOMOUS VEHICLE	Level 3	2020-21
MULTISPECTRAL SATELLITE IMAGE NOISE REMOVAL AND INPAINTING USING SIMILARITY ALGORITHM	Level 3	2020-21
DESIGN AND ANALYSIS OF INJECTION LOCKED FRACTIONAL FREQUENCY SYNTHESIZER	Level 3	2020-21
CONTACT TRACING	Level 3	2020-21
HARDWARE IMPLEMENTATION OF PARTICLE FILTER FOR CRACK DETECTION	Level 3	2020-21
FPGA BASED EMBEDDED SYSTEM FOR DC MOTOR SYNCHRONIZATION	Level 3	2020-21
ANALYSIS OF FRUIT RIPENESS BASED ON IOT	Level 3	2020-21
Characterization of Gadolinium Zirconate atmospheric plasma spray coated thermal barrier coating for heavy duty engine application.	Level 1	2021-22
Design and analysis of ultrasonic welding horn.	Level 1	2021-22
Study and failure analysis of gearbox used in bucket wheel excavator.	Level 1	2021-22
DESIGN, ANALYSIS AND FABRICATION OF CATALYTIC CONVERTER FOR HEAVY DUTY ENGINES	Level 1	2022-23
DESIGN AND FABRICATION OF PROTOTYPE 4D-PRINTER	Level 1	2022-23
DESIGN AND DEVELOPMENT OF SEMI AUTOMATIC SEEDLING TRANSPLANTER	Level 1	2022-23
DESIGN AND FABRICATION OF TRASH SKIMMER BOAT	Level 1	2022-23
DESIGN AND FABRICATION OF A NOVEL AEROGENERATOR	Level 1	2022-23
FABRICATION OF MOTORISED EXOSKELETON USING PULLEY SYSTEM WITH ANDROID CONTROL	Level 1	2022-23
DEVELOPMENT OF A NOVEL SCROLL FREE TURNING SETUP	Level 1	2022-23
AUTOMATIC WHEELCHAIR LIFTING MECHANISM	Level 1	2022-23
DESIGN, FABRICATION AND ANALYSIS OF BAFFLES FOR INDIRECT TYPE SOLAR DRYER	Level 1	2022-23
DESIGN AND DEVELOPMENT OF AUTOMATED PART FEEDING SETUP FOR PROJECTION WELDING	Level 1	2022-23
Study on the influence of auxiliary electrode on electrochemical machining of SS304	Level 1	2022-23
Mechanical properties investigation on human hair reinforced epoxy polymer composite	Level 1	2022-23
Generation Machining of helical gear on a multi-axis CNC Machine.	Level 1	2022-23
A Comparative study on tool materials for Wire Electric Discharge Machine	Level 1	2022-23
Cold metal transfer of aluminium metal matrix composite.	Level 1	2022-23

Mass reduction in EV battery module using topology optimization	Level 1	2022-23
Influence of Conventional & Bio-Inspired Texture on Tribological performance under Different Lubrication	Level 1	2022-23
Effectiveness of drug treatment for mitophagy in breast cancer	Level 3	2022-23
Developing enzymatic process for conversion of threonine to 2oxobutanoic acid by threonine dehydratase enzyme produced in recombinant e.coli by fed batch cultivation	Level 3	2022-23
Liquid liquid phase separation of prokaryotic ubiquitin like protein(pup) and its characterization	Level 3	2022-23
Bioengineering of bioavailability enhancing drug delivery compound - A nano emulsion based drug delivery system	Level 3	2022-23
Understanding the role of the tumor microenvironment on mitophagy in breast cancer	Level 3	2022-23
Collagen Based Biomaterial for Skin Tissue Regeneration	Level 3	2022-23
Expression and kinetic studies of isopropylmalate isomerase and its scale up	Level 3	2022-23
Production of isomaltulose from Erwinia sp	Level 3	2022-23
Strain improvement & media optimization for the production of Echinocandin	Level 3	2022-23
Biomaterials for Corneal Wound Healing	Level 3	2022-23
Bacteria assisted transport of drug delivery for drug delivery applications	Level 3	2022-23
Medium optimization for the production of recombinant COVID-19 spike protein (s1) in E.Coli BL21 (DE3)	Level 3	2022-23
Scale up of recombinant production of VDH in E.Coli and its immobilization	Level 3	2022-23
Bilayer Electrospun membrane loaded with Bamboo shoot powder for bone tissue engineering application	Level 3	2022-23
Development of ECM mimic bio-ink for Bio-medical applications	Level 3	2022-23
CRISPR CAS 9 gene editing in Pichia Pastoris	Level 3	2022-23
Size-controlled synthesis of porous spherical hydroxyapatite nanoparticle for multi-drug delivery	Level 3	2022-23
Multi target investigation of small molecules from medicinal plants for anti - diabetic and anti - obesity activity	Level 3	2022-23
Production of recombinant DNA polymerase enzyme and it's evaluation	Level 3	2022-23
Preparation of biodegradable packaging material using pectin	Level 3	2022-23
Evaluating the role of oxidised low density lipoprotein in augmenting/mediating the atherogenic Events: role of Sestrin2 and it's regulatory miRNA's	Level 3	2022-23
Optimisation Of Antioxidants For The Improvement Of Colour Stability Of Fruit Beverages	Level 3	2022-23
Gluten And Sugar Free High Protien Biscuits	Level 3	2022-23
Development And Shelflife Enhancement Of Wheat Against Red Flour Beetle (Tribolium Castaneum)	Level 3	2022-23
Design And Development Of Polylactic Acid (Pla) Based Plant Fibre Reinforced Flim And Its Applications	Level 3	2022-23
Biostimulant Effect Of Selected Marine Macroalgae Bioextract On The Growth Of Spinacia Oleracea: A Comparative Study	Level 3	2022-23

Protein Fortified Ragi Millet Based Cutlet Characterization And Shelf Life Studies	Level 3	2022-23
Physiochemical and Antimicrobial Effect Of Gelatin Based Films Incorporated With Garlic Peel And Aloe Vera Extracts On Sausage	Level 3	2022-23
Study And Formulation Of Rts Beverage Using Banana Pith	Level 3	2022-23
A Comprehensive Study Of Yield Improvement, Recipe Optimization, And Oil Uptake Reduction Through Innovative Coating Material	Level 3	2022-23
Formulation Of A Low-Fat Pulse-Based Spread Enriched With Marine Macroalgal Extract For Geriatric People	Level 3	2022-23
Product Development Of Cookies Fortified With Cassia Auriculata Flower Powder	Level 3	2022-23
Study And Formulation Of Fortified Gummies Using Indigenous Varieties Of Piper Betle	Level 3	2022-23
Development Of Prebiotic Fortified Food Product For Gut Health	Level 3	2022-23
Extraction Of Ferulic Acid From Agro Waste For The Production Of Vanillin	Level 3	2022-23
Development Of Ready-To-Bake Cake Mix From Black Rice Flour As An Healthy Alternate To Refined Wheat Flour	Level 3	2022-23
Development Of Folic Acid Fortified Indian Flat Bread Incorporated With Probiotic For Folate Deficiency	Level 3	2022-23
Impact Of Non-Nutritive Sweeteners On The Sensorial, Textural And Physio-Chemical Properties Of Sugar Free Wheat Cake	Level 3	2022-23
Valorization Of Artocarpus Heterophyllus Waste To Produce Valuable Low Calorie Sugar	Level 3	2022-23
Development Of Fortified Food For Post Covid-19 Taurine Deficient Elderly Vegans	Level 3	2022-23
Machine learning based Verification and Analysis of AMS Circuits.	Level 6	2020-21
Implementation Of Stereo Sound Enhancement On FPGA	Level 3	2020-21
Analysis of Resting state functional MRI for healthy subject	Level 3	2020-21
Fake News Detection On Machine Learning	Level 3	2020-21
Underwater Wireless Communication Using Li-Fi	Level 3	2020-21
Performance study of ofdm- im (index modulation) in wireless communications	Level 3	2020-21
Animal Detection And Smart Alert System	Level 3	2020-21
Building Automation System (Bas)	Level 3	2020-21
Wearable Healthcare Appliances	Level 3	2020-21
Leaf Disease Recognition And Identification	Level 3	2020-21
Optimal Power Allocation In Downlink Non- Orthogonal Multiple Access	Level 3	2020-21
Development of the luminant leather umbrella and improving its water repellency character and designing it	Level 1	2022-23
Enhancing nap effect on nubuck leather with the help of foaming machine	Level 1	2022-23
Enhancing the fabrication and design of tonal characteristics in frame drum (parai), a percussion instrument	Level 1	2022-23
Development of leather anklet for athletes	Level 1	2022-23
Pencil stakes from veg tanned buffing waste and recycled waste paper	Level 1	2022-23

Processing and designing of baby carrier	Level 1	2022-23
Manufacture of washable leather baby mittens and booties	Level 1	2022-23
Manufacture of Cricket bat handle grip leather	Level 1	2022-23
Automated Jallikattu Commentary	Level 4	2021-22
AVAC-Automatic Video Assistant Coach System	Level 4	2021-22
Block Chain ML Based Crowd Funding System	Level 4	2021-22
Covid 19 Smart Robot -Social Distancing Detection & Line Tracing Robot	Level 4	2021-22
virtual reality- radio frequency Ablation needle placement procedure	Level 4	2021-22
CredTweet-Credibility Analysis of Social Big Data	Level 4	2021-22
Crop disease prediction and prevention using Deep Learning	Level 4	2021-22
Deep learning based real time AI virtual mouse system	Level 4	2021-22
Disease Prediction And Drug Recommendation System	Level 4	2021-22
EEG Based Assistive Robot For Paralysed People	Level 4	2021-22
Emotion Detection from Speech and Text	Level 4	2021-22
Enhanced twitter analysis to predict future performance of the cryptocurrency	Level 4	2021-22
Explainable Sentiment Analysis	Level 4	2021-22
Guide for Visually Impaired using Visual Simultaneous Localization and Mapping	Level 4	2021-22
Hand Anatomy Learning with VR	Level 4	2021-22
Hybrid Approach For Video Interpolation through event sequences	Level 4	2021-22
Image Inpainting in Skin Lesions using Deep Learning	Level 4	2021-22
Image Inpainting in Skin Lesions using Deep Learning	Level 4	2021-22
Inclusive Therapy for Autism Spectrum Disorder and Aphasia through Extended Reality	Level 4	2021-22
Development of energy efficient TEG integrated from stable PCM heat sinks for tranient passive cooling of electronics devices	Level 8	2021-22
A Comprehensive analysis other changing diversity of shigella in forms of its virulence ,resistance and serotype	Level 1	2020-21
Production of L -2 amino butyric acid from citraconate by biotransformation and cell free systems	Level 4	2020-21
Bioelectrochemical CO2 fixation by microbial electrosynthesis: process intensification and subsequent production of biofuels	Level 3	2021-22
Design and Development of MnO <sub>2</sub> -Nitrogen doped biomass based proplene-PEDOT ad electrode materials for electrochemicals energy stage application	Level 3	2021-22
Efficient regonition and interpretation of indian sign language using microsoft kinect	Level 6	2020-21
EEG SoC with Patient- Specific Schizophrenia detection system	Level 4	2021-22
Improving machinability of difficult to machine materials through cutting edge preparation and minimum quantity lubrication	Level 5	2020-21



Bulk scale sustainable salt free exhaust dyeing on cationized cotton knit fabrics	Level 9	2021-22
Monitoring of NABARD sponsored watersheds using Geo spatial technologies	Level 7	2021-22
Development of novel semiconductor quantum dots and photoanode for sensitized solar cell applications	Level 3	2020-21
RECYCLING OF COMMODITY PLASTICS WASTE	Level 1	2020-21
MICRIWAVE ENERY ASSISTED FUNCTIONAKISATION OF ARAMID FABRIC AND ADHESION WITH NR, EPDM AND NBR RUBBER COMPOUNDS	Level 1	2020-21
SANDWICH COMPOSITES FOR SELF HEALING APPLICATIONS	Level 1	2020-21
MAGNETO RHEOLOGICAL FLUID BASED ACTUATORS USING RUBBER	Level 1	2020-21
SELF-HEALING PROPERTIES OF PIBSA MODIFIED NR COMPOUNDS AND THEIR APPLICATIONS RELATED TO TIRES	Level 1	2021-22
POLYMERS FOR CAPTURING AIR POLLUTION GASES	Level 1	2021-22
Sodium alginate and potato starch based hydrogel film for food packaging applications	Level 3	2020-21
Analysing the effect of moisture content in corrugated boards	Level 3	2020-21
Digital Printing on Synthetic Substrates	Level 3	2020-21
Standardization of plate making	Level 3	2020-21
Enhancement of Print Media Using Augmented Reality	Level 3	2020-21
Printability of Starch based Films.	Level 3	2020-21
Discussing the different types of nano particles characters in PLA/PBAT blended film with cardinol oil	Level 3	2020-21
Data logger assembly for Pharmacy package monitoring	Level 3	2020-21
Development and characterization of new antimicrobial adhesive using corn starch and natamycin	Level 3	2020-21
Preparation of Bio-composite Film using Banana Peel (Biochar)	Level 3	2020-21
Design and development of luxurious glass package	Level 3	2020-21
Innovative Package Design for Pizza slices using ArtiosCAD	Level 3	2020-21
Optimization of freshness indicators for printing	Level 3	2020-21
Synthesis and characterization of biodegradable film with ethylene adsorption property	Level 3	2020-21
Development of biodegradble film using marine algae agar	Level 3	2020-21
Formulation and characterization of film using polylactic acid and essential oil for packing application	Level 3	2020-21
Effect of silica fume on LC3 Concrete	Level 5	2022-23
Strengthening of polypropylene reinforced flat slab using BFRP fan and laminates against line loading	Level 5	2022-23
Comparative study on bond strength of GFRP in fibre reinforced concrete at elevated temperatures under saltwater conditions	Level 5	2022-23
Studies on polyimides with long/bulky aromatic pendent groups and their nanocomposites with silica and graphene oxide	Level 8	2020-21

INTELLIGENT VOID HANDLING IN ADHOC NETWORKS BASED ON META HEURISTIC NATURE INSPIRED ALGORITHMS	Level 8	2021-22
SARCASM DETECTION IN TEXTUAL DATA BASED ON PROBABILISTIC CONTEXT AUGMENTATION AND ENSEMBLE LEARNING METHODOLOGIES	Level 8	2021-22
DURABILITY STUDIES ON SELF CURED SELF COMPACTING CONCRETE	Level 8	2022-23
AN ASSESSMENT OF ONSHORE AND OFFSHORE WIND POTENTIAL USING MOTH FLAME OPTIMIZATION AND FUTURISTIC BIG DATA FRAMEWORK IN SMART GRID	Level 9	2021-22
Communication capital towards sustainable tourism in Mahabalipuram and Kanyakumari	Level 9	2022-23
Design and Development of Trainer Module Drone 10 nos	Level 9	2021-22
Thermochemical and photocatalytic conversion of solar energy to solar fuels	Level 3	2021-22
Study On Sustainable Utilization Of Ceramic Tile Waste As Replacement For Fine Aggregate In Concrete	Level 3	2021-22
Rice Husk Ash Waste Concrete Composite	Level 3	2021-22
Automated Grinder for household	Level 1	2022-23
Tactical shealth Military Drone	Level 1	2022-23
Seigei Technology for hearing impairment people	Level 1	2022-23
Digital outfit trial room	Level 1	2022-23
Ticketing app for train with available stops	Level 1	2022-23
PAPER THE NEW PLASTIC SUBSTITUTE	Level 1	2022-23
EcoCharge that harness the kinetic energy of vehicles	Level 1	2022-23
Pharmacophore-based modelling of phytochemicals for the inhibition of HMG-CoA reductase in the treatment of hypercholesterolemia.	Level 3	2022-23
Insilico analysis of small molecules interacting with Human patatin-like phospholipase domain-containing 3	Level 3	2022-23
Comparitive analysis of the two variants of the E.variegata on the basis of their neuroprotective efficacy	Level 3	2022-23
Identification of small molecule interacting with fatty acid synthase	Level 3	2021-22
Pharmacophore guided novel scaffold as glutaminase inhibitor for cancer therapeutics	Level 3	2022-23
Analytical method validation of assay of ethosuximide content in ethosuximide capsules	Level 3	2022-23
FORMULATION AND CHARACTERISATION OF SARS-coV-2 RECOMBINANT RECEPTOR BINDING DOMAIN (rrbd) PROTEIN BASED ORAL VACCINE	Level 3	2022-23
Quality risk management of icosapent ethyl capsules	Level 3	2022-23
Production Purification and characterisation of Diamine oxidase from bacterial and fungal apo	Level 3	2022-23
Isolation and characterization of exosomes from hepg2 cells and in-silico analysis of angiopoietin-2 protein binding compounds	Level 3	2022-23
Development and validation of dissolution procedure for loperamide hydrochloride ,2mg capsule	Level 3	2022-23

PCL/Chitosan/Gelatin Trilayer Membrane Loaded With Hypericum Perforatum For Bone Tissue Engineering	Level 3	2022-23
Generic lipoprotein expression plasmid for novel protein engineering applications.	Level 3	2022-23
Development of eudragit entrapped recombinant spike protein microspheres for oral vaccine against sars cov 2	Level 3	2022-23
Bamboo Shoot Powder Loaded Graphene Oxide/Gelatin/PVA Membrane for Bone Tissue Engineering	Level 3	2022-23
In silico identification of Anti-obesity leads from Indian Gut Microbiome and In vitro testing of its relevance	Level 3	2022-23
Screening of potential molecules from alternative systems of medicine for the treatment of PCOS	Level 3	2022-23
Development of formulation against bacterial wilt disease using plant wastes	Level 3	2022-23
FINITE ELEMENT ANALYSIS OF PROSTHETIC KNEE	Level 3	2020-21
HYBRID EEG-EOG BASED CONTROL FOR WHEELCHAIR	Level 3	2020-21
DIAGNOSIS OF ALZHEIMER'S DISEASE	Level 3	2020-21
COMPARISION OF STRESS RELIEF BETWEEN MEDITATION WITH INSTRUCTION AND WITH BIOFEEDBACK	Level 3	2020-21
DEVELOPMENT OF CAD SYSTEM FOR DETECTION OF DIABETIC FOOT ULCER USING THERMAL IMAGES	Level 3	2020-21
GENOMIC INSIGHTS TO TARGET BASED DRUG DELIVERY OF SARS	Level 3	2020-21
DETECTION OF KETOSIS IN BOVINE USING MACHINE LEARNING TECHNIQUES	Level 3	2020-21
DEVELOPMENT OF A DEEP LEARNING ALGORITHM FOR DETECTION OF DIABETIC FOOT IN PLANTAR THERMAL IMAGES	Level 3	2020-21
ANALYSIS AND CLASSIFICATION OF EMG SIGNAL FOR HAND MOVEMENT	Level 3	2020-21
ANALYSIS OF VISUAL EVOKED POTENTIAL SIGNALS	Level 3	2020-21
DETECTION AND CLASSIFICATION OF LEUKOCYTES USING MACHINE LEARNING	Level 3	2020-21
Real time security using combined cryptography and steganography system in IoT networks	Level 4	2021-22
Encrypted Data Deduplication using Attribute Based Encryption in Hybrid Cloud	Level 4	2021-22
Enhanced Can Bus Attack Detection And Intervehicular Authentication Protocol for VANET	Level 4	2021-22
Classification of arrhythmia from 12 lead ECG using deep learning architectures	Level 4	2021-22
Soil Type Classification & Crop Recommendation Using Convolutional Neural Network	Level 4	2021-22
Skin Lesion Segmentation And Classification Using Ensemble Method	Level 4	2021-22
Covid 19 – Information Security System	Level 4	2021-22
Phishing Website Detection Using Pu Learning And Genetic Algorithm Based Feature Selection	Level 4	2021-22
3D Skeleton Action Recognition Using CNN Classifier	Level 4	2021-22
Secure Assistive IoT based Remote Monitoring Healthcare System	Level 4	2021-22

Anomaly Detection for Zero Touch Networks	Level 4	2021-22
Enhanced DDoS Prevention System In Software Defined Networking	Level 4	2021-22
IOT based automatic object detection system using yolo v4 model	Level 4	2021-22
Image Defocus Blur Estimation And Deblurring	Level 4	2021-22
Dense Video Captioning Using Video Audio Features And Topic Modeling Based On Caption	Level 4	2021-22
Interpretation Of Satellite Image Time Series To Discover Periodical Land Change Patterns	Level 4	2021-22
Real Time Hand Gesture Recognition	Level 4	2021-22
Multi-Target Tracking Based On Enhanced Feature Fusion Networks	Level 4	2021-22
Vehicle Detection And Tracking Based On Yolov3 And Simple Online And Realtime Tracking	Level 4	2021-22
A Deep learning approach: Detection of Forest smoke and Burn Scars using Convolutional Neural Networks	Level 4	2021-22
An efficient real time face detector for surveillance videos on microcomputer	Level 4	2021-22
Smart Video Surveillance Using Edge Computing For Fall Detection	Level 4	2021-22
Voice Controlled Intelligent Virtual Assistant	Level 4	2021-22
Enhancing Security In Agricultural Supply Chain Framework	Level 4	2021-22
Analysis of Chest X-Rays and Radiological Summarization	Level 4	2022-23
Enhancement of QKD Security Through Machine Learning Approaches for Privacy Amplification	Level 4	2022-23
Secured block chain technology for Medical Supply Chain	Level 4	2022-23
Integrating Technical Indicators and Fundamental Components: A Holistic Approach For Efficient Portfolio Optimization	Level 4	2022-23
Prevention of Data Poisoning in Federated Learning With Adaptive Semi-Supervised Multi-Layer Network For Healthcare Applications	Level 4	2022-23
Effect of Expansion Ramp modifications on wave structure in SERN	Level 2	2020-21
Computational analysis of downstream wake behind cylindrical and triangular towers with various taper ratios	Level 2	2020-21
Aerodynamic Performance analysis of a wing with a V-shaped vortex generators placed at different chord lengths.	Level 2	2020-21
kidney disease classification using deep learning algorithm	Level 4	2022-23
Rap Materials (Construction Of Pavement Using Rap Materials)	Level 2	2021-22
An Investigative Study On Land Record Modernization Using Modern Surveying Techniques(Dgps & Cors)	Level 2	2021-22
Estimation Of Soil Macro Nutrients Using Spatial Interpolation Technique	Level 2	2021-22
Quantitative Analysis Of Hydrologic Response Models On The Effects Of Urbanization	Level 2	2021-22
Evaluation Of Conjunctive Use Of Surface And Groundwater For Sectoral Demands	Level 2	2021-22

Data Processing Of Grace-Fo Derived Terrestrial Water Storage Anomaly From Level-2 To Level 3 Using Matlab And Statistical Downscaling Using Fldas Datasets	Level 2	2021-22
Numerical study on behaviour of steel fiber reinforced beam-column joint with GFRP bars	Level 2	2021-22
Numerical investigation of precast beam-column dry connections	Level 2	2021-22
Dynamic analysis and investigation of bolted connections in GFRP structures	Level 2	2021-22
Analytical study of concrete filled steel tubular (CFST) columns with external confinement	Level 2	2021-22
Numerical investigation of precast wall-foundation connection	Level 2	2021-22
Residual Stress distribution in circular hollow sections	Level 2	2021-22
Crack analysis in double curvature arch dam	Level 2	2021-22
Degradation of blue reactive 19 azodye with simultaneous electricity generation using Fe3O4 coated anode in double chamber MFC	Level 3	2020-21
Bin Allocation and Route Optimization of Municipal Solid Waste t Using Geographical Information System: A Case Study of Salem City, Tamil Nadu	Level 3	2020-21
Assessment of Carbon Monoxide Concentration in Indoor Environment	Level 3	2020-21
Assessment of Sulphate and Nitrate ions of PM2.5 in industrial and residential areas	Level 3	2020-21
Thermal Conductivity of Precast Sandwich Wall Panel Infilled With Rubber Tyre Waste	Level 3	2020-21
Study On Behaviour Of CFST Column Subjected To Axial and Lateral Loads	Level 3	2020-21
Combined Electro-Fenton and Constructed Wetland for the Treatment of Stabilized Landfill Leachate	Level 3	2020-21
Performance of Waste Aggregate as Sub Grade/Sub Base Material in Flexible Pavement	Level 4	2020-21
Study on Performance of Foundation of Thanjavur Brihadeeshwarar Temple	Level 4	2020-21
Study on the Behaviour of Pile Group With Dissimilar Pile	Level 4	2020-21
Performance Evaluation of Footings Resting on Dispersive Soil	Level 4	2020-21
Control Measures Design for the Nilgiris Landslide Slope Using Numerical Approach	Level 4	2020-21
Effect of Tunnelling on the Response of Adjacent Service Pile	Level 4	2020-21
Helmet and number plate detection	Level 4	2021-22
AutoRoute Navigator for Blind People	Level 4	2021-22
Formula Evolution in spread sheet using dependency graph	Level 4	2021-22
Automated Plant Identification	Level 4	2021-22
Deepfake Detection using Deeplearning	Level 4	2021-22
NETWORK INTRUSION DETECTION SYSTEM	Level 4	2021-22
Real Estate Value Estimation System Using Machine Learning	Level 4	2021-22
A GRAPHICAL PASSWORD AUTHENTICATION IN A SECURE STORAGE SYSTEM	Level 4	2021-22
Hate Speech Detection	Level 4	2021-22

Speech Emotion Recognition	Level 4	2021-22
WCS - Carton sortation and Palletization	Level 4	2021-22
IST Library Management System	Level 4	2021-22
Powerpoint presentation using hand gestures	Level 4	2021-22
Design & performance evaluation of self-rechargeable electric bicycle	Level 4	2021-22
Road Construction Using Plastic Waste	Level 2	2021-22
DEPARTMENT STUDENT DATA COLLECTION AND MANAGEMENT SYSTEM	Level 4	2022-23
SEMANTIC SEARCH FOR EFFECTIVE ONLINE SHOPPING	Level 4	2021-22
Life Cycle Cost Analysis Of Rooftop Garden Using Openlca Software	Level 2	2021-22
Study On Job Stress Faced By Construction Professionals	Level 2	2021-22
Assessment Of Lean Techniques And Its Implementation For Minimizing The Effect Of Risks In Indian Construction Industry	Level 2	2021-22
Adoption Of Lean Techniques To Mitigate Delay And Cost Overrun In Residential Projects	Level 2	2021-22
Integrating Risk Management In High-Rise Building Using 4d Bim	Level 2	2021-22
Study On The Impact Of Covid 19 On Construction Industry And Its Remedial Measures	Level 2	2021-22
Analysis Of The Alternative Dispute Resolution Mechanism In Construction Projects	Level 2	2021-22
Modelling and control of open cycle OTEC process	Level 3	2021-22
Smart rescue device for mine workers	Level 3	2021-22
Women's safety device using IOT	Level 3	2021-22
Two axis servo motor control using Mitsubishi PLC	Level 3	2021-22
Paint application using gesture	Level 3	2021-22
Sorting of lithium ion battery cells using ML algorithms	Level 3	2021-22
Design of Multi model based control scheme for a temperature process	Level 3	2021-22
Advanced control schemes applied to styrene polymerization	Level 3	2021-22
Design of implenting an efficient PLC using PSOC	Level 3	2021-22
Design and implementation of IoT enabled multi parameter DAS	Level 3	2021-22
Autonomous medical conveyance bot	Level 3	2021-22
Cloud enabled IoT based embedded system for home automation	Level 3	2021-22
Fractional order filter controller for pressure process	Level 3	2021-22
Detection and prevention system for Juvenile drive	Level 3	2021-22
Dental problem classification from panoramic X-ray Images	Level 3	2021-22
Data management in cloud platform	Level 3	2021-22
Real time dimension measure, weight bridge automation and smart BMI	Level 3	2021-22

Reinforcement Learning based Model Predictive Controller for an Industrial Process.	Level 3	2021-22
Modelling and Control of an Auto Refrigerated CSTR Polymerization Reactor.	Level 3	2021-22
Hybrid Fractional Order Controller for Spherical Tank.	Level 3	2021-22
Prognostic Methods for Health Monitoring of Bio Process.	Level 3	2021-22
Dynamic Modelling and Control of Hollow Fiber Reverse Osmosis Process.	Level 3	2021-22
GAN based Data Augmentation for Deep Learning Task Improvement using Chest X-RAY.	Level 3	2021-22
Biometric Authentication using Dorsal Hand Vein Pattern	Level 3	2021-22
Augmented Reality enabled Microscopic Analysis	Level 3	2021-22
Analysis of uncertainty for horizontal Air-water flow system	Level 3	2021-22
Learning Model based Intelligent Maritime Navigation.	Level 3	2021-22
Design of advanced control schemes applied to pressure control process	Level 4	2021-22
Analysis of Multi Hole Orifice using Computational Fluid Dynamics.	Level 4	2021-22
Design and Development of Oil Viscosity Sensor for Sub-Sea Hydraulic System.	Level 4	2021-22
MOBILE APPLICATION FOR DISEASE PREDICTION USING NAÏVE BAYES	Level 4	2021-22
RESOURCE ALLOCATION BASED ON PRECEDENCE IN INFORMATION TECHNOLOGY	Level 4	2021-22
LEARNING STYLE DETECTION	Level 4	2021-22
CLASSIFICATION AND LOCALIZATION OF FETAL BRAIN ABNORMALITIES FROM MRI IMAGES USING U-NET MODEL	Level 4	2021-22
3D CHEMISTRY LEARNING BASED ON AUGMENTED REALITY	Level 4	2021-22
DETECTION AND PREVENTION OF BLACK HOLE ATTACK IN MANETS	Level 4	2021-22
LAUNDRY MANAGEMENT WEB APPLICATION	Level 4	2021-22
SENTIMENT CLASSIFICATION OF LYRICS IN ENGLISH	Level 4	2021-22
WORLOAD BALANCING	Level 4	2021-22
DIGITAL DEGREE USING SELF SOVEREIGN IDENTITY ON BLOCKCHAIN	Level 4	2021-22
FAKE PRODUCT REVIEW ANALYSIS	Level 4	2021-22
OBSTACLE AVOIDANCE AND NAVIGATION OF INDOOR MOBILE ROBOT	Level 4	2021-22
A SECURE CLIENTSIDE DEDUPLICATION SCHEME IN CLOUD STORAGE ENVIRONMENTS	Level 4	2021-22
Numerical Analysis Over A Naca 23012 Aerofoil With Slot	Level 1	2020-21
Estimation of co-effecient of discharge for inclined holes in a corrugated liner	Level 1	2020-21
Investigation on aerodynamic performance of transitional micro air vehicle	Level 1	2020-21
Impact Analysis of Aircraft Landing	Level 1	2020-21
Numerical Investigation of Characteristics of rectangular subsonic jets	Level 1	2020-21
Numerical investigation of characteristics of subsonic elliptical jets	Level 1	2020-21

Computational Analysis of the Optimized Serpentine Inlet With And Without Flow Control Device at Design and Off-Design Conditions	Level 1	2020-21
Computational Study on the Influence of Fluidic Thrust Vectoring on Sern Nozzle of the Air Breathing Hypersonic Vehicle	Level 1	2020-21
Computational Analysis of Tubercle Wing with Serrated Trailing Edge	Level 1	2020-21
A Study on UAV Winglet Morphing Technology	Level 1	2020-21
Numerical Study Of Effects Of Shock Wave – Turbulence Interaction On Supersonic Nose Cone	Level 1	2020-21
Aerodynamic Characterization Of Uav Wing Using Cfd	Level 1	2020-21
Mixing Enhancement By Ramp Injection In A scramjet Combustor	Level 1	2020-21
Optimisation of diffusers in solar based aeration tank in wastewater treatment	Level 4	2022-23
Analysis And Design Of Energy Dissipator For A Barrage Sluice	Level 4	2022-23
Ticketing App for Local Transport	Level 1	2022-23
Availability for productivity cafe app	Level 1	2022-23
Automated Eco-Friendly Air conditioner	Level 1	2022-23
Economic Growth and Job Security	Level 1	2022-23
Agricultural waste handling Reactor	Level 1	2022-23
Laundry service App	Level 1	2022-23
Voting for Election through online App	Level 1	2022-23
Sign language software	Level 1	2022-23
Course for MOOC Learner	Level 1	2022-23
Outsourcing organic products for Cafe	Level 1	2022-23
Herbal and Microgreens Terrace Gardening	Level 1	2022-23
FREEROAM app for scheduling theme park exploration	Level 1	2022-23
Service Provider website	Level 1	2022-23
24x7 Hybrid Solar Light Assisted Simultaneous Power Generation And Water Purification,Free Floating, Reusable, Retrievable Films For Water Treatment	Level 4	2022-23
Development of semi and fully automated intelligent exo-skeletal and prosthetics for disabled communities	Level 5	2022-23
Machine learning & deep learning for gait and task prediction & adaptation/ synchronization for exoskeleton control, development of tactile sensor-based ligature controller to assess pancreatic leak a	Level 5	2022-23
Design and development of biopotential signal analysis system for control of mobility assistive device productization of bio-potential signal analysis system for mobility assistance	Level 4	2022-23
Expression & Purification of Recombinant Brazzein in pichia pastoris	Level 7	2022-23
IMPLEMENTATION OF MODIFIED ELLIPTIC CURVE POINT MULTIPLICATION	Level 3	2020-21
MODELING AND CHARACTERIZATION OF WIRELESS MMWAVE MASSIVE MIMO CHANNEL	Level 3	2020-21



KALMAN BASED HYBRID PRECODING FOR MULTI-USER MILLIMETER WAVE MIMO SYSTEMS AND CHANNEL ESTIMATION	Level 3	2020-21
MULTIUSER OPTICAL NETWORK CHARACTERISTIC IMPROVED BY EDFA AMPLIFIER	Level 3	2020-21
LOOK BASED MEDIA PLAYER	Level 3	2020-21
REALIZATION OF MEDIA BASED MODULATION	Level 3	2020-21
PERFORMANCE EVALUATION OF 5G WAVEFORMS: FBMC- OQAM,UFMC AND CP-OFDM	Level 3	2020-21
AUTHENTICATION AND KEY AGREEMENT FOR IMPLANTABLE MEDICAL DEVICES USING MATLAB.	Level 3	2020-21
DESIGN OF WIDEBAND MICROSTRIP PATCH ANTENNA WITH RECONFIGURABLE RADIATION LOADED WITH TWO INVERTED U- SLOTS	Level 3	2020-21
IOT BASED SOIL MOISTURE MEASUREMENT FOR SMART IRRIGATION SYSTEM.	Level 3	2020-21
EARLY DIAGNOSIS OF DIABETIC FOOT IN PLANTAR THERMAL IMAGES USING DEEP-WAVELET NEURAL NETWORKS	Level 3	2020-21
DEVELOPMENT OF EMG BASED WHEELCHAIR FOR THE HUMAN MACHINE INTERFACE	Level 3	2020-21
RECOGNITION OF MENTAL STATES USING EEG SIGNALS	Level 3	2020-21
EMG BASED MUSCLE FORCE MEASUREMENT SYSTEM	Level 3	2020-21
DETECTION OF DIABETIC FOOT BASED ON FEATURE REDUCTION AND CLASSIFICATION OF PLANTAR THERMOGRAMS	Level 3	2020-21
DETECTION OF DIABETIC FOOT BASED ON FEATURE REDUCTION AND CLASSIFICATION OF PLANTAR THERMOGRAMS	Level 3	2020-21
TREMOR DETECTION ON DIFFERENT AGE GROUPS USING EMG SIGNALS	Level 3	2020-21
FINITE ELEMENT ANALYSIS OF PROSTHETIC KNEE	Level 3	2020-21
Experimental And Analytical Investigation Of High performance Concrete Using Metekaolin And Ceramic Waste	Level 2	2020-21
Seawater intrusion vulnerability mapping using geospatial techniques and suggestion of suitable hydraulic structure for mitigation in the Thamirabarani delta of South India	Level 2	2020-21
MODELLING, IDENTIFICATION AND CONTROL OF HIGH-TEMPERATURE SHORT TIME MILK PASTEURISATION UNIT	Level 2	2020-21
DEVELOPMENT AND OPTIMIZATION OF VARIOUS INORGANIC AND ORGANIC SEMICONDUCTORS BASED HETEROSTRUCTURES FOR OPTOELECTRONIC APPLICATIONS	Level 2	2020-21
Region splitting based resource partitioning scheme to mitigate interference in heterogeneous networks	Level 2	2020-21
Computational Studies on Titanium-based Materials for Dental and Energy Applications	Level 2	2020-21
ESTIMATION AND SENSITIVITY STUDIES OF REACTOR PARAMETERS FOR EFFICIENT OPERATION AND CONTROL OF HAZARDOUS DECOMPOSITION REACTIONS	Level 2	2021-22
KAUTZ FUNCTION BASED MODEL PREDICTIVE CONTROLLER FOR LOAD FREQUENCY CONTROL IN A MULTI-AREA POWER SYSTEM	Level 2	2021-22
SYNTHESIS AND ENERGY RELATED APPLICATIONS OF CARBON BASED NANOMATERIALS	Level 2	2021-22

Reduce reuse recycle Silica sand	Level 1	2022-23
Affordable 3D Printer with dual nozzle capability	Level 1	2022-23
Drone Painting and inspection device	Level 1	2022-23
CampusConnect - A Unified Educational Platform	Level 1	2022-23
CampusConnect - A Unified Educational Platform	Level 1	2022-23
Platform to provide variety of logistical partners for all kinds of businesses	Level 1	2022-23
App/website for farmers to sell products across india	Level 1	2022-23
Automatic ON and OFF charger	Level 1	2022-23
Website for connecting artists from various places	Level 1	2022-23
Sterilizing the sanitary napkins into a useful raw material	Level 1	2022-23
Evaluating the optimal replacement percentage of recycled aggregates for sustainable concrete mix design	Level 4	2022-23
Analysis and Design of civil and structural facilities in Flare Units - trestles and knockout drums	Level 4	2022-23
Performance of Triple friction pendulum base isolated structure with supplementary viscous damper	Level 4	2022-23
A study on bus transit oriented development	Level 4	2022-23
Study to determine the effect of viscosity in influencing the performance of CRMB	Level 4	2022-23
Mix Design testing performance evaluation of modified bitumen with crumb rubber	Level 4	2022-23
Analysis and design of energy dissipator for a barrage sluice	Level 5	2022-23
Development of Foundation Suitability Maps for Chennai using GIS	Level 4	2021-22
Development of New Classification System Correlating Compressibility and Swelling of Clay	Level 4	2021-22
Influence of Earthquake Characteristics on Natural Frequency and Period of Soil Column for Different Sub Soils in Chennai Region	Level 4	2021-22
Study on Liquefaction Potential Assessment of Non – Plastic Fine Grained Soil Through Deep Learning Techniques	Level 4	2021-22
Seismic Response of Composite Piled Raft Foundation in Clay Soil	Level 4	2021-22
Performance of Footing Resting on Micropile Stabilized Expansive Clay	Level 4	2021-22
Ground Responses due to Effect of Underground Pipe Leakage	Level 4	2021-22
Modelling Of Crop Yield Fluctuations In Thamirabarani Basin Of Thoothukudi District Using Remote Sensing And Ann Technique	Level 4	2021-22
Analysis Of Urban Growth Influence On Land Surface Temperature Using Geospatial Modeling	Level 4	2021-22
Forest Fire Susceptibility Mapping And Hotspot Analysis Using Remote Sensing And Gis	Level 4	2021-22
Behaviour of cold formed steel hollow columns under direct compression and biaxial bending	Level 4	2021-22
Resource And Cost Analysis And Control For A Residential Building Using Primavera P6	Level 2	2021-22

Project Cost Optimization Of High-Rise Building Using 5d Bim	Level 2	2021-22
Critical Path Method Analysis And Scheduling For Residential Building Using Primavera	Level 2	2021-22
Study On Factors Influencing Affordable Housing In India	Level 2	2021-22
Numerical Modelling Of Footing On Geotextile Reinforced Soil	Level 2	2021-22
An Experimental Study On The Permanent And Sustainable Protection Of Concrete Structures Under Extreme Environments Using Thermal Plastics	Level 2	2021-22
Uplift Capacity Of Helical Pile	Level 2	2021-22
Study Of Engineering Behaviour Of Natural Material Admixed Soil	Level 2	2021-22
Study On The Behaviour Of Frp	Level 2	2021-22
Parking Demand Management In Commercial Area Case-Study Of Chennai	Level 2	2021-22
Analysis Of Pedestrian Level Of Service	Level 2	2021-22
Parametric Analysis Of Structural Dome	Level 2	2021-22
Degradation Of 2,4 Dichlorophenol in an Integrated Photocatalytic Membrane Reactor Using Chitosan-based Silica Gel Zinc Oxide Hybrid Nanocomposite as Photocatalyst	Level 4	2020-21
Treatment of Wastewater in Rubber Industry using Electrocoagulation powered by a solar photocatalytic system	Level 4	2020-21
Sustainability practices in higher education institutions	Level 5	2020-21
Techno economical evaluation and rating of ETPs using Fuzzy logic	Level 5	2020-21
Comparative study of thermal treatment technology of municipal solid waste using life cycle assessment	Level 5	2020-21
Developing piezoceramic for energy storage application	Level 1	2022-23
preparation of glazed cool roof tiles	Level 1	2022-23
Fabrication of Medical Pacemaker Casing using Titanium by Wirecut Electro Discharge Machining and Optimization of Process Parameters	Level 4	2020-21
Design and fabrication of non contact switch board	Level 4	2020-21
Design and fabrication of staircase climbing wheelchair	Level 4	2020-21
Design and fabrication of rover robot for smart agriculture	Level 4	2020-21
Design and motion classification for fall detection and response system	Level 4	2020-21
Fabrication of wall paint spraying robot using cable driven parallel manipulator	Level 4	2020-21
Development of metal matrix composites of AA-6063/rice husk ash by stir casting	Level 4	2020-21
Study of natural fiber reinforced epoxy based composites for automotive application	Level 4	2021-22
Design and Fabrication of winder setup for filament	Level 4	2021-22
Design and fabrication of lower limb exoskeleton system for hemiplegia patients	Level 4	2021-22
Fabrication of surveillance drone for 3D mapping	Level 4	2021-22
Development and attachment of additional axis for liquid additive manufacturing	Level 4	2021-22

Fabrication and thermal analysis of aluminium honeycomb structure	Level 4	2021-22
Development and Testing of Aluminium Composite Material for Brake Pads Replacement	Level 4	2022-23
Design and Fabrication of Stabilizing Spoon for People with Motor Skill Disorders	Level 4	2022-23
Experimental and Numerical Analysis of Rubber Pad Incremental Sheet Forming	Level 4	2022-23
Design and Development of Inspection System to Identify mixed up Pharma pills	Level 3	2020-21
Single Point Incremental Forming Of AISI 316L Using Static Pressure Support	Level 3	2020-21
Strength Analysis of Various Stacked Composites and Implementation In Serial Manipulator	Level 3	2020-21
Study on power generation from reciprocating motion of mechanical press	Level 3	2020-21
Experimental investigation on ultrasonic welding of aluminium and copper dissimilar metals	Level 3	2020-21
Investigation of 3D printed carbon fibre – ABS composite	Level 3	2020-21
Antitheft notification system using foot pedal generated piezoelectricity	Level 3	2020-21
Soft robotic gripper for handling fragile object	Level 3	2021-22
Fabrication of Aluminum Foam sandwich panels by using friction stir welding process	Level 3	2021-22
Optimization of process parameters of HDPE using SPIF	Level 3	2021-22
Experimental investigation, microstructural analysis and optimization of wire EDM process during machining of Hastelloy C22	Level 3	2021-22
Study of luffa fiber –glass reinforced hybrid composite and estimation of optimal parameters for abrasive water jet machining using multi-response techniques	Level 3	2021-22
Study of mechanical and microstructural behaviour of AA7075/SiC/ZrC through powder metallurgy route	Level 3	2021-22
Experimental analysis of welded part of dissimilar materials welded by friction stir welding	Level 3	2021-22
Experimental analysis of surface roughness on the reflective and non-reflective surfaces	Level 3	2021-22
Advanced Audio Aid with real time object detection for blind people using Raspberry pi	Level 3	2021-22
Protection of electric vehicle from battery fire	Level 3	2021-22
Mechanical Characterisation of Natural Fiber Reinforced Hybrid Composites and Estimation of Optimal Machining Parameters for AWJW Process	Level 3	2022-23
Measurement of Free Form Shape by non-Contact Method Using Lidar Sensor	Level 3	2022-23
Mapping and Localization of Mobile Robot Using IMU Sensor	Level 3	2022-23
Investigation and optimization of FDM Process Parameter on Tensile and Tear Strength of TPU	Level 3	2022-23
Design and Fabrication of Ceiling Fan Cleaner with Dust Collector	Level 3	2022-23
Parametric Optimization of Selective Laser Melted Inconel 625 Alloy machined Using Conventional Lathe	Level 3	2022-23
Formability Analysis on AA6061-T6 Sheet in Multi Stage Single Point Incremental Forming	Level 3	2022-23

Design and Development of Five Fingered prosthetic Hand with Grip Pattern Using Multiple Actuators	Level 3	2022-23
Study of Mechanical Properties of Reinforced AA8011 Metal Matrix Composites	Level 3	2022-23
Design and Fabrication of Concentric Hole Drilling Tool	Level 3	2022-23
IoT Based Surveillance Rover with Human Recognition Systems	Level 3	2022-23
Additive manufacturing of Bone Fixation Screws by FDM and its Characterization	Level 2	2022-23
Design and Fabrication of a Three Fingered Prosthetic hand with Closed Loop Feedback System	Level 1	2022-23
TRUCK MOUNTED ARTICULATED BOOM PLATFORM MACHINE	Level 1	2020-21
Customer segmentation by purchase behaviour using a RFM model and K-means algorithm in the commercial refrigeration industry	Level 1	2021-22
Usability and responsiveness of Artificial intelligence chatbot on customer satisfaction	Level 1	2021-22
Development of a methodology or a model for the deployment and optimization of trucks based on the production plan for the Marshalltown plant	Level 1	2021-22
Site Operations efficiency through optimized ERP system	Level 1	2021-22
Search engine optimization to improve web traffic of HappiMynd website	Level 1	2021-22
Evaluation and design of efficient layout with single piece flow for ARVAUTO Ecom Private Limited	Level 1	2021-22
Building New Functionality on MaintWiz CMMS	Level 1	2022-23
Moving Object Detection And Tracking	Level 4	2020-21
Design of Efficient Mems Based Piezoelectric Energy Harvester Using Comsol Multiphysics	Level 4	2020-21
Text-To-Speech Device Software	Level 4	2020-21
IoT based sewage monitoring system using LORA	Level 4	2020-21
Relay Selection and Secrecy Improvement In Noma assisted IoT Devices	Level 4	2020-21
Design of IoT system to measure soil parameters with crop prediction ML	Level 4	2020-21
IC Design Of Power Converter	Level 4	2020-21
Automatic Power Management and Monitoring System For Electric Vehicles	Level 4	2020-21
AI Induced Communicator	Level 4	2020-21
Smart Advertising Based On Face Recognition	Level 4	2020-21
Automatic Contactless Temperature Sensing and Crowd Control Monitoring System	Level 4	2020-21
IOT based Ventilator	Level 4	2020-21
Synthesis of Herbal based Wound Dressing Material	Level 4	2020-21
Real-Time Eye Gaze Tracking System and Eye Image Classification	Level 4	2020-21
Chitosan based Scaffold for Tissue Engineering Applications	Level 4	2020-21
Genomic Analysis and Screening of Rhizopus Delemar A Causative Agent For Black Fungus (Mucormycosis)	Level 4	2020-21

Classification of Consumers' Cognitive Responses based on EEG Signals for Neuromarketing Applications	Level 4	2020-21
Classification of EMG Signals using Machine Learning Algorithm for the Control of Mobility Aids	Level 4	2020-21
IOT BASED LABORATORY AUTOMATION	Level 4	2020-21
END TO END GPS TRACKING SYSTEM USING LP-LORA BASED COMMUNICATION	Level 4	2020-21
HARDWARE IMPLEMENTAION OF SEIZURES CLASSIFICATION USING NEURAL NETWORKS	Level 4	2020-21
LoRa BASED FALLEN POWER LINE DETECTION AND ALERT SYSTEM WITH OPEN IoT PLATFORM	Level 4	2020-21
IMPLEMENTATION OF CNC MACHINE FOR RAPID PCB PROTOTYPING	Level 4	2020-21
DESIGN AND DEVELOPMENT OF CAMERA ASSISTED OCR BASED READER FOR VISUALLY IMPAIRED	Level 4	2020-21
HARDWARE IMPLEMENTATION OF ECG SIGNAL COMPRESSION USING SPIHT	Level 4	2020-21
IMPLEMENTATION OF SOLAR PV-BATTERY CONNECTED EV CHARGING STATION	Level 4	2020-21
IMPLEMENTATION OF INDOOR NAVIGATION FOR TWO WHEELED SELF BALANCING ROBOT	Level 4	2020-21
COMPARATIVE STUDY ON THRESHOLDING TECHNIQUES FOR DETECTION OF SICKLE CELL ANAEMIA FROM BLOOD IMAGES	Level 4	2020-21
REALIZATION OF ANALOG NEURAL NETWORK BASED ON MULTI LAYER PERCEPTRON LEARNING MODEL	Level 4	2020-21
SUPER CONDUCTING LOGIC FAMILY USING JOSEPHSON JUNCTION AND QUANTUM PHASE-SLIP JUNCTION	Level 4	2020-21
SMART PATIENT MONITORING USING RASPBERRY PI	Level 4	2020-21
HARDWARE IMPLEMENTATION OF QRS COMPLEX DETECTION USING PAN - TOMPKINS ALGORITHM	Level 4	2020-21
FPGA IMPLEMENTATION OF EFFICIENT HOG ALGORITHM FOR DRIVER ALERTING SYSTEM	Level 4	2020-21
OBSTACLE AVOIDANCE FOR ROBOTIC SYSTEM USING FPGA	Level 4	2020-21
HDR IMAGE SYNTHESIS AND DISPLAY OF ITS TONE MAPPED VERSION USING FPGA	Level 4	2020-21
HDR IMAGE SYNTHESIS AND DISPLAY OF ITS TONE MAPPED VERSION USING FPGA DETECTION OF PNEUMONIA USING CNN	Level 4	2020-21
FPGA BASED VEHICLE TO VEHICLE COMMUNICATION IN SAPARTAN 3	Level 4	2020-21
INDUSTRIAL COMMUNICATION NETWORKS USING FPGA AS USB-UART TRANSCEIVER	Level 4	2020-21
IMPLEMENTATION OF ARITHMETIC OPERATIONS OF POSIT NUMBER SYSTEM ON FPGA BOARD	Level 4	2020-21
DEEP LEARNING BASED BEAMFORMING FOR 5G WIRELESS COMMUNICATION	Level 4	2020-21
SOIL MOISTURE ESTIMATION VIA RADIO WAVE REFLECTION METHOD	Level 4	2020-21
COMPACT MICROSTRIP ANTENNA DESIGN AT 28GHZ FOR MMWAVE APPLICATION	Level 4	2020-21

DESIGN OF BROADBAND MICROSTRIP MONOPOLE ANTENNA FOR WIRELESS APPLICATIONS.	Level 4	2020-21
DEEP LEARNING BASED SPECTRUM SENSING AND INTERFERENCE AVOIDANCE IN COGNITIVE RADIO.	Level 4	2020-21
IMPLEMENTATION OF COOPERATIVE NOMA USING SWIPT	Level 4	2020-21
DESIGN AND SIMULATION OF ADAPTIVE FILTER BANK MULTICARRIER (FBMC) SYSTEM USING GNU RADIO	Level 4	2020-21
REAL TIME INDOOR AIR QUALITY MONITORING SYSTEM BASED ON IOT USING MQTT AND WSN	Level 4	2020-21
DESIGNING A RECONFIGURABLE ARRAY IN SLOT RING ANTENNA USING C AND L BANDS	Level 4	2020-21
DESIGN OF A BROADBAND POLARIZATION-RECONFIGURABLE FABRY-PEROT RESONATOR ANTENNA.	Level 4	2020-21
PERFORMANCE ANALYSIS OF HYBRID PEAK TO AVERAGE POWER RATIO REDUCTION TECHNIQUES IN 5G UPMC SYSTEMS.	Level 4	2020-21
CHANNEL ESTIMATION IN MULTI-USER MASSIVE MIMO SYSTEMS USING COMPRESSIVE SENSING AND DEEP LEARNING TECHNIQUES	Level 4	2020-21
IMPLEMENTATION OF SOQPSK MODULATION IN 5G COMMUNICATION	Level 4	2020-21
BRAIN TUMOUR IDENTIFICATION IN MRI'S USING DEEP LEARNING NEURAL NETWORK	Level 4	2020-21
SUCCESSIVE USER RELAYING IN COOPERATIVE NOMA SYSTEM IN HALF DUPLEX	Level 4	2020-21
IMPLEMENTATION OF SOQPSK MODULATION IN 5G COMMUNICATION	Level 4	2020-21
DESIGN A PLASTIC DEFORMATION DURING THE EXPANSION OF BIOMEDICAL STENT	Level 4	2020-21
DESIGN AND SIMULATION OF VARIOUS CARDIAC ELECTRODES USING FEM MODEL	Level 4	2020-21
VIRTUAL 3D RECONSTRUCTION OF HUMAN ORGANS WITH MIMICS AND MAGICS	Level 4	2020-21
DESIGN AND DEVELOPMENT OF VIBROARTHOGRAPHY MEASURING SYSTEM	Level 4	2020-21
A STUDY IN SHAPE ANALYSIS OF ENDOSCOPY MODULES FOR WIRELESS APPLICATION	Level 4	2020-21
DESIGN AND DEVELOPMENT OF A WEARABLE DEVICE FOR CONTINUOUS MEASUREMENT OF BLOOD PRESSURE	Level 4	2020-21
SEGMENTATION AND VISUALISATION OF INTRACRANIAL HEMORRHAGE IN CT BRAIN IMAGES	Level 4	2020-21
DEVELOPMENT OF UDI FOR MEDICAL DEVICES AND PROTOCOLS FOR TESTING AND CALIBRATION OF PHYSIOTHERAPY DEVICES	Level 4	2020-21
IOT BASED LABOR PAIN MONITORING SYSTEM FOR GESTATING WOMEN	Level 4	2020-21
ACTIVITY ANALYSIS OF TIBIALIS ANTERIOR MUSCLE DURING FOOT MOVEMENT THROUGH ELECTROMYOGRAPHY	Level 4	2020-21
DESIGN AND SIMULATION OF CARTILAGE USING COMSOL SOFTWARE	Level 4	2020-21
FLOW CHANGES IN BLOOD VESSELS IN DIFFERENT CONDITIONS BY SIMULATION USING COMSOL MULTIPHYSICS	Level 4	2020-21

TIME-FREQUENCY ANALYSIS OF GAIT MUSCLE ACTIVATION PATTERNS FOR POST REHABILITATION CONDITIONS	Level 4	2020-21
DESIGN AND IMPLEMENTATION OF AN EXOSKELETON ROBOTIC ARM FOR UPPER LIMB REHABILITATION	Level 4	2020-21
CONVOLUTION NEURAL NETWORK BASED DETECTION OF COVID19 IN CT LUNG IMAGES	Level 4	2020-21
DESIGN OF FNIRS SYSTEM FOR MOTOR IMAGERY	Level 4	2020-21
DESIGN AND ANALYSIS OF EOG SIGNAL UNDER STRESS CONDITION	Level 4	2020-21
SEGMENTATION AND 3D RENDERING FOR MEDICAL IMAGES	Level 4	2020-21
DESIGN AND SIMULATION OF BIOSENSORS FOR CLINICAL DIAGNOSIS	Level 4	2020-21
GAIT ANALYSIS USING 3D VIDEO PROCESSING AND WEARABLE IMU SENSORS	Level 4	2020-21
NON-INVASIVE METHOD FOR EXTRACTION OF MELANOMA USING DERMOSCOPIIC IMAGES	Level 4	2020-21
COMPUTER AIDED DETECTION OF LEUKEMIA FROM MICROSCOPIC BLOOD SMEAR IMAGES	Level 4	2020-21
AI BASED ACTIVE BMS SCHEME FOR SoH ENHANCEMENT	Level 3	2022-23
MACHINE LEARNING BASED CONTROL OF MAGNETIC LEVITATION SYSTEM	Level 3	2022-23
IMPLEMENTATION OF SECURITY IN CONTROLLER AREA NETWORK (CAN)	Level 3	2022-23
MODELLING AND FAULT IDENTIFICATION OF BLDC MOTOR	Level 3	2022-23
DESIGN AND IMPLEMENTATION OF CONTROL SCHEMES FOR BSM1 MODEL OF WASTE WATER TREATMENT PLANT	Level 3	2022-23
MODEL PREDICTIVE CONTROL FOR DISTURBANCE REJECTION IN DRILLING SYSTEM USING ARTIFICIAL INTELLIGENCE (AI).	Level 3	2022-23
OPTIMAL CHARGING OF LITHIUM-ION BATTERY USING MODEL PREDICTIVE CONTROL	Level 3	2022-23
OPTIMAL CHARGING AND DISCHARGING SCHEDULE FOR LITHIUM ION BATTERY TO ENHANCE SOH.	Level 3	2022-23
AUTONOMOUS GARBAGE COLLECTION ROBOT	Level 3	2022-23
BLIND NAVIGATION USING RFID FOR INDOOR ENVIRONMENT	Level 3	2022-23
Study of gas flame acceleration and deflagration to detonation transition of hydrocarbon fuels	Level 2	2022-23
Hybrid state estimation for an unmanned aerial vehicle	Level 2	2022-23
Design and analysis of air intake for aero gas turbine engines	Level 2	2022-23
Thrust augmentation of scramjet engine	Level 2	2022-23
Cold Flow Studies In a Dual Combustion Ramjet Combustor With Sonic Pre-Burner	Level 2	2022-23
Thrust Vectoring of Hypersonic Vehicles Using Secondary Injection	Level 2	2022-23
Effects of Transverse Injection In Scramjet Combustor With Cavity Ramps	Level 2	2022-23
Development of Fault Detection Algorithm For Aircraft Control System	Level 2	2022-23
Expansion Studies of 'Sern' Flows With Normal And Bevelled Extension Base Plates	Level 2	2022-23



Non-Circular Nozzle Jet Manipulation Using Four Secondary Injection Minijets	Level 2	2022-23
Flow Analysis Of Transverse Injection In Scramjet Combustor Using Notch Ramp Strut	Level 2	2022-23
COLLISION FREE AUTONOMOUS INSPECTION IN CONFINED SPACE	Level 2	2022-23
MULTI-SENSOR INTEGRATION SYSTEM FOR COLLISION AVOIDANCE	Level 2	2022-23
AIR DATA SENSOR FAULT DETECTION AND DIAGNOSIS	Level 2	2022-23
IOT BASED AIR POLLUTION DETECTION AND MONITORING BY USING DRONE	Level 2	2022-23
DEVELOPMENT AND TESTING OF RF WIRELESS SYSTEM FOR UNDERWATER COMMUNICATION	Level 2	2022-23
MATLAB BASED FUEL TANK SIMULATION FOR GAUGING	Level 2	2022-23
IMPLEMENTATION OF CLOUD SEEDING USING UNMANNED AERIAL VEHICLE	Level 2	2022-23
SIMULATION AND ANALYSIS OF LQR CONTROLLER FOR FIXED WING AIRCRAFT	Level 2	2022-23
STUDY AND ANALYSIS OF FLOW OVER WING IN TILT-ROTOR	Level 2	2022-23
DEVELOPMENT OF FLIGHT CONTROLLER FOR A STABILIZED MODE TO THE QUADCOPTER	Level 2	2022-23
DESIGN OF SIX DOF MODEL FOR DROGUE SIMULATION	Level 2	2022-23
KERNEL OS BASED HARDWARE AIR BORNE DESIGN	Level 2	2022-23
DRONE BASED WILDLIFE CONSERVATION USING YOLO	Level 2	2022-23
Characterization of Failure Modes In Composite Laminate Under Quasi-Static Indentation Loading	Level 3	2020-21
Numerical and experimental investigation of tapered composites	Level 3	2020-21
Numerical And Experimental Investigation of Repaired Composite Laminate	Level 3	2020-21
Life Prediction of Composite Laminate Under Aquatic Environment	Level 3	2020-21
Investigation of Resistance to Delaminating In Curved Laminates	Level 3	2020-21
Design And Development of A Quad copter Using Machine Learning Based Control For Autonomous Navigation	Level 3	2020-21
Effect of milled fibres on Mechanical Behaviour of Composite Laminates	Level 3	2020-21
Experimental Study On Water Quality Management Using UAV	Level 3	2020-21
Fabrication And Performance Studies of 3D Printed Propellers For UAV Applications	Level 3	2020-21
Investigation on Effect of Temperatures on The Mechanical Behaviour of Composite Laminates	Level 3	2020-21
UAV Based Agri mapping using Multi spectral Camera	Level 3	2020-21
Experimental And Computational Validation Of Cruciform Sonic Jet Flows	Level 3	2020-21
Investigation Of Mechanical Behaviour Of Flax Epoxy Interleaved With Pineapple Leaf Fiber	Level 3	2020-21
Numerical And Experimental Analysis Of Composite Laminates By Oblique Quasi Static Indentation	Level 3	2020-21

Study Of Variables Affecting The Circumferential Pattern Factor In Gas Turbine Combustor Using Cfd Simulation	Level 3	2020-21
Numerical And Experimental Analysis Of Vaned Nozzle For Jet Control	Level 3	2020-21
Experimental Analysis of Film Cooling For Gas Turbine With Geometry Modifications	Level 3	2021-22
Investigation of Interlaminar tensile strength of 90deg bent laminates.	Level 3	2021-22
Experimental Investigation on Turbine Film Cooling with Sister and Cylindrical Hole Configurations	Level 3	2021-22
Video Threat object detection using deep learning techniques	Level 4	2020-21
Intelligent Intrusion Detection Systems using Deep Neural Networks	Level 4	2020-21
Crime Prediction using Machine Learning algorithms	Level 4	2020-21
Stock Market Analysis using Deep Learning	Level 4	2020-21
Covid 19 Symptoms Detection using Artificial Intelligence	Level 4	2020-21
Skin cancer detection using deep learning techniques	Level 4	2020-21
Detection of lung diseases on chest x- ray image using deep learning	Level 4	2020-21
E-newspaper reader for visually impaired people	Level 5	2020-21
Healthcare Insurance Management System using Blockchain	Level 5	2020-21
Android Malware Detection Using Static and Dynamic Analysis	Level 5	2020-21
Detection of spam mail and multiclass categorisation through supervised and unsupervised learning	Level 5	2020-21
Fake product avoidance using block chain	Level 5	2020-21
COVID19 Protocol Monitor(CPM)	Level 5	2020-21
ANIMATION GENERATION FOR CHEMICAL EXPERIMENTS	Level 4	2021-22
MULTINODED FAKE NEWS DETECTION USING XLNET AND GAN	Level 4	2021-22
COMPUTER VISION BASED SYSTEM FOR POTHOLE DETECTION AND SCENE GENERATION	Level 4	2021-22
DETECTION AND CLASSIFICATION OF ARRHYTHMIAS FROM ELECTROCARDIOGRAPHY USING DEEP LEARNING	Level 4	2021-22
SECURE CLOUD MIGRATION AND DATA FORWARDING IN SDN	Level 4	2021-22
ADAPTIVE TRUST MANAGEMENT IN SECURING WIRELESS SENSOR NETWORKS	Level 4	2021-22
STRESS DETECTION USING SOCIAL MEDIA DATA AND DOCUMENT SUMMARIZATION USING GRAPH NEURAL NETWORK	Level 4	2021-22
MONITORING SOCIAL DISTANCING UNDER VARIOUS LOW LIGHT CONDITION AND CRITICAL DENSITY VALUE GENERATION	Level 5	2021-22
Blockchain based land registry using smart contract mechanism	Level 3	2020-21
Secure blockchain based Electronic health records sharing system	Level 3	2020-21
An Inclination Analysis for Maize	Level 4	2020-21
Prognostic pricing of onion using LSTM and ARIMA Model	Level 4	2020-21

A framework for ADR Detection and Extraction from social media data	Level 4	2020-21
Sentiment analysis using LSTM and BI-LSTM	Level 4	2020-21
Protection of Social Data Using Lightweight Selective Encryption Based on EBCOT Coding	Level 4	2020-21
Skin Cancer (Melanoma) Detection in Dermatoscopic Images using Deep-CNN	Level 4	2020-21
Task Automation with Natural Language Instructions	Level 4	2020-21
Data analysis and learning model development of COVID-19 data using machine learning algorithms	Level 4	2020-21
Abnormal Transaction Detection Using Learning Technique	Level 4	2020-21
Monitoring Network System For Cyber Security Using Deep Learning	Level 4	2020-21
Server-side reversible data hiding for encrypted JPEG bit stream	Level 4	2020-21
CRYPTOCURRENCY FORECASTING USING LINEAR REGRESSION	Level 4	2021-22
DATA LINEAGE IDENTIFICATION USING PARSER	Level 4	2021-22
LOW COST AUTOMATION OF NON IOT ELECTRONIC APPLIANCES	Level 4	2021-22
EMOTION BASED MUSIC RECOMMENDATION USING DECISION TREE MODEL	Level 4	2021-22
CAPTION BOT FOR ASSISTIVE VISION	Level 4	2021-22
SENTIMENT ANALYSIS ON YOUTUBE TRENDS	Level 4	2021-22
EXPLORATORY DATA ANALYSIS ON WHATSAPP CHAT AND EMOTION DETECTION USING LSTM	Level 4	2021-22
LEAF DISEASES PREDICTION USING DEEP LEARNING TECHNIQUES	Level 4	2021-22
AUTOMATIC ROAD SIGN DETECTION USING CNN	Level 4	2021-22
SPIREBOARD (INVENTORY MANAGEMENT PROJECT)	Level 4	2021-22
Drug-drug interaction - predicting by Rough set using Integrated similarity	Level 4	2020-21
Monitoring Plants Remotely using IoT	Level 4	2020-21
Smart Mirror based Healthcare System	Level 4	2020-21
Fake News Detection	Level 4	2020-21
Fingerprint Based Secured Online Bank Transaction	Level 4	2020-21
Based on criteria ranking cloud services and their performances	Level 4	2020-21
Adverse Drug Reaction Detection from social media data	Level 4	2020-21
Computer-Aided Diagnosis system for diagnosis of covid-19 from Chest Computed Tomography slices using Whale Optimization Algorithm and Extreme Learning Machine Classifier	Level 4	2020-21
Student Assistant app (class scheduler and file sharing application using firebase)	Level 4	2020-21
Traffic sign Detection and Recognition using image processing	Level 4	2020-21
Music Popularity Prediction	Level 5	2020-21
Pilot Badges	Level 5	2020-21

Crowd analysis for violence detection using deep learning	Level 5	2020-21
Blockchain Based Secure Cloud Storage with Dynamic user updates	Level 5	2020-21
A PERSONALIZED DIET AND EXERCISE SYSTEM WITH POSTURE CORRECTOR	Level 4	2022-23
Diabetic Retinopathy classification using hybrid deep learning model	Level 4	2022-23
CONTEXUAL CAPTIONING FOR VIDEOS	Level 4	2022-23
A Comprehensive Framework for the Recommendation of Crop and Farming	Level 4	2022-23
Diagnosis of Pulmonary Tuberculosis Using Ant Colony Optimization Algorithm and Improved SVM	Level 4	2022-23
An approach to control pc using virtual mouse in virtual space	Level 4	2022-23
Reforming Restaurant Administration with AI Powered Application	Level 5	2022-23
Web based application for CO, PO attainment calculation	Level 5	2022-23
DEVELOPING AN ACCESSIBLE CODE EDITOR:UTILIZING SPEECH TO CODE AND ERROR NAVIGATION FOR VISUALLY IMPAIRED DEVELOPERS	Level 5	2022-23
FRMP STACK WEB APPLICATION ON CRICKET TOURNAMENT PREDICTION AND DATA VISUALIZATION USING GRADIENT BOOSTING	Level 5	2022-23
END-TO-END AUTONOMOUS VEHICLE NAVIGATION USING IMITATION LEARNING	Level 5	2022-23
Strealinging Customer Verification for Product Refund through Automation	Level 5	2022-23
Bus Track - IOT based Mobile Application	Level 5	2022-23
Stress prediction and yoga recommendation system	Level 5	2022-23
Cyberbullying Detection in CodeMixed Tamil-English Social Media Comments	Level 5	2022-23
COMPUTER AIDED DIAGNOSIS OF COPD EMPHYSEMA USING COMPUTED TOMOGRAPHY	Level 5	2022-23
Abstractive text summarisation using deep learning model	Level 4	2021-22
AGRI-BOT	Level 4	2021-22
AR Based Astronomy Tutor	Level 4	2021-22
Experimental Study On Ggbs And Red Mud Based Geopolymer Concrete	Level 3	2021-22
Experimental Study On The Performance Of Beam -Column Connections Under Cyclic Loading	Level 3	2021-22
Removal Of Heavy Metals By Using Coconut Husk Biochar	Level 3	2021-22
Purification Of Pond Water Using Enzymatic Treatment On Fountain Reactor	Level 3	2021-22
Heavy Metal Removal By Magnesium Oxide Nano Particles Synthesised Through Neem Leaves	Level 3	2021-22
DETERMINATION AND EVALUATION ON MECHANICAL PROPERTIES OF NATURAL FIBER/LIGNITE FLY ASH REINFORCED EPOXY COMPOSITES	Level 3	2021-22
Bond strength and axial compressive strength of expansive concrete filled CFST Columns	Level 3	2021-22
Meta-Heuristic Approaches for Data Aggregation with Secured Routing in Wireless Sensor Networks	Level 3	2021-22

ENHANCEMENT OF RIDE COMFORT FOR FULL CAR ACTIVE SUSPENSION SYSTEMS USING SLIDING MODE CONTROLLERS	Level 3	2021-22
DESIGN AND PERFORMANCE EVALUATION OF ROTATIONAL ENERGY HARVESTING SYSTEM TO ENHANCE THE ENDURANCE OF THE QUADCOPTER	Level 3	2021-22
AN IMPROVED FEATURE EXTRACTION TECHNIQUES FOR GENDER CLASSIFICATION AND AGE ESTIMATION	Level 3	2021-22
Automatic Detection and Management of Technical Debts identified from project artifacts and discussion forums	Level 4	2020-21
Anomaly Detection Method Using Unsupervised Clustering	Level 4	2020-21
Cancer detection in histopathological images with transfer learning	Level 4	2020-21
A Deep Learning Based DDoS Detection and Mitigation System in Software-Defined Networking	Level 4	2020-21
Secure data storage and sharing in cloud using blockchain	Level 4	2020-21
Link Prediction for Drug Repurposing Using Drug-Disease Association Network	Level 4	2020-21
Intrusion Detection Using Deep Learning Technique	Level 4	2020-21
Augmented Reality-Based Speech To Sign Language Generation For The Hearing Impaired.	Level 4	2020-21
Underwater Image Enhancement Using A Multiscale Dense Generative Adversarial Network	Level 4	2020-21
Health analytics as a service based on cloud network:Technological flow	Level 4	2020-21
Driver drowsiness detection using real time facial features	Level 4	2020-21
Multi scale fish segmentation refinement and missing shape recovery	Level 4	2020-21
Incorporating Augmented Reality Technologies in Educational Environment	Level 4	2020-21
Intelligent vehicular network for emergency vehicles using hybrid artificial neural network	Level 4	2020-21
Intelligent braking system	Level 4	2020-21
IoT based gesture controlled Robotic arm	Level 4	2020-21
Animatronic hand	Level 4	2020-21
Smart classroom for effective energy utilization	Level 4	2020-21
IoT based Smart and secure mail collecting system using arduino	Level 4	2020-21
Real time rotating system of patient using RFID	Level 4	2020-21
TRI-India	Level 5	2020-21
Robotic Painting Machine	Level 5	2020-21
DETECTION OF AUTISM RISK GENE SUBSETS FROM MULTI-OMIC MICROARRAY DATA USING METAHEURISTIC ALGORITHMS	Level 3	2022-23
A NOVEL FRAMEWORK FOR SIGNIFICANT QUESTION MINING USING DEEP LEARNING TECHNIQUES	Level 3	2022-23
PROCESS OPTIMIZATION FOR REGENERATION OF USED COOKING OIL BY AGRO WASTE ADSORBENTS	Level 3	2022-23

Statistical optimization of operational parameters using response surface methodology in polymer electrolyte membrane based microbial fuel cell for increased power production	Level 3	2022-23
DEVELOPMENT OF AUTOMATIC INTELLIGENT ROAD TRANSPORTATION SYSTEM FOR CRACK DETECTION, SEGMENTATION AND FORECASTING USING DEEP LEARNING MODELS	Level 3	2022-23
PERFORMANCE EVALUATION OF NOVEL UASB REACTOR WITH BUILT-IN DHS MODULE FOR THE TREATMENT OF MUNICIPAL SEWAGE	Level 3	2022-23
EXPERIMENTAL INVESTIGATION, CHARACTERISATION, MATHEMATICAL MODELLING AND UNCERTAIN RESPONSE PREDICTION ON FRICTION STIR WELDING OF AA2014 ALLOY UNDER n-MQL CONDITION	Level 3	2022-23
STUDY ON TRIBOLOGICAL AND CORROSION BEHAVIORS OF MECHANICALLY ALLOYED AND SPARK PLASMA SINTERED ALUMINIUM / MWCNT COMPOSITES	Level 3	2022-23
A STUDY OF THE MECHANICAL PROPERTIES OF PARACHUTE CANOPY FABRICS	Level 4	2020-21
TREATABILITY STUDIES ON WASTEPAPER RECYCLING MILL WASTEWATER BY USING MICROBIAL FUEL CELL	Level 4	2020-21
STUDIES ON MECHANICAL AND DIELECTRIC PROPERTIES OF AMINE FUNCTIONALIZED GRAPHENE OXIDE EPOXY NANOCOMPOSITES	Level 4	2020-21
DEVELOPMENT OF INNOVATIVE CASCADED MULTILEVEL INVERTER TOPOLOGIES AND SWITCHING STRATEGIES	Level 4	2020-21
A MODEL BASED SEGMENTATION WITH HYBRID FEATURE SELECTION FOR COMPUTER AIDED DIAGNOSIS	Level 4	2020-21
Experimental investigation for improving the durability and performance characteristics of CI engine valves using nano composite coating	Level 4	2020-21
Design analysis and fabrication of innovative waste heat recovery system and its impact on emission control in a compression ignition engine	Level 4	2020-21
effects of reduction catalyst for the control of oxides of nitrogen in bio diesel fuelled diesel engine	Level 4	2020-21
TEXTILE WASTEWATER TREATMENT BY IRON NANOPARTICLES AND INTEGRATING ELECTROKINETICS FOR TEXTILE WASTEWATER CONTAMINATED SOIL REMEDIATION	Level 4	2020-21
EFFECTIVE CONTENT BASED IMAGE RETRIEVAL USING VARIOUS FEATURE EXTRACTION STRATEGIES	Level 4	2020-21
Characterization of various rare earth doped hafnium oxide nanoparticles as thermoluminescence dosimeter for radiotherapy applications	Level 4	2020-21
EXPERIMENTAL AND FE SIMULATION STUDIES ON MECHANICAL DEGRADATION OF COATINGS IN HIGH TEMPERATURE APPLICATIONS	Level 4	2020-21
NOVEL PREPARATION OF ZINC OXIDE BASED NANOCOMPOSITES FOR THE DEGRADATION OF ORGANIC DYES UNDER SUNLIGHT	Level 4	2020-21
DESIGN AND EVALUATION OF MICROBIAL FUEL CELL FOR THE DECOLOURIZATION OF TEXTILE EFFLUENT	Level 4	2020-21
STUDY ON PERFORMANCE OF PRECAST STRUCTURAL WALL-SLAB CONNECTION UNDER REVERSE CYCLIC LOADING	Level 4	2020-21
Gelatin Based Biosynthetic Scaffolds for Neural Tissue Engineering Applications	Level 4	2020-21

#### Ventures/startups grown to turnover of 50 lacs

Name of startups	Company's Turnover	Financial Year
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Theevanam Additives & Neutraceuticals Pvt. Ltd	200000	2020-21
Theevanam Additives & Neutraceuticals Pvt. Ltd	1576338	2021-22
Theevanam Additives & Neutraceuticals Pvt. Ltd	6204999	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
NA	0	0	0	0

#### Pre-incubation:expenditure/income

Financial Year	2022-23	2021-22	2020-21
Number of Pre-incubation units	176	84	21
Expenditure on pre-incubation activities	6671783	4558365	4713741
Income generated by institution through pre-incubation activities	1414763	715931	1025639

#### Incubation:expenditure/income

Financial Year	2022-23	2021-22	2020-21
Number of Incubation units	50	23	6
Expenditure on Incubation activities	1640011	10353030	24177083
Income generated by institution through Incubation activities	3287222	694343	254586

#### 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 and construction of Steel buildings	TAMIL NADU SKILL DEVELOPMENT CORPORATION	Civil Engineering	2022-09-19	2022-09-19
2022-23	High Rise Building Design	TAMIL NADU SKILL DEVELOPMENT CORPORATION	Civil Engineering	2022-09-19	2022-09-19
2022-23	Transportation Infrastructure-Airports, Metros & Seaports	TAMIL NADU SKILL DEVELOPMENT CORPORATION	Civil Engineering	2022-09-19	2022-09-19
2022-23	Powering IoT using Raspberry Pi or arduino	TAMIL NADU SKILL DEVELOPMENT CORPORATION	Electrical communication and E	2022-09-19	2022-09-23
2022-23	Block Chain (MIT Campus)	TAMIL NADU SKILL DEVELOPMENT CORPORATION	Computer Science and Engineeri	2022-09-19	2023-03-21
2022-23	Robotics simulation for Manufacturing	TAMIL NADU SKILL DEVELOPMENT CORPORATION	Mechanical Engineering and Ele	2022-09-19	2022-09-19
2022-23	AR/VR	TAMIL NADU SKILL DEVELOPMENT CORPORATION	Computer Science and Engineeri	2022-09-19	2022-02-19
2022-23	Smart Energy Grid (FN) & Electric Vehicle (AN) (EEE)	TAMIL NADU SKILL DEVELOPMENT CORPORATION	Electrical & Electronics Engin	2022-10-08	2022-10-08

2022-23	Electric Vehicle (MECH)	TAMIL NADU SKILL DEVELOPMENT CORPORATION	Mechanical Engineering	2022-10-08	2022-10-08
2022-23	Cloud	TAMIL NADU SKILL DEVELOPMENT CORPORATION	Computer Science and Engineeri	2022-10-08	2022-10-08
2022-23	Blended Mode - Pedagogy in Technical Education	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Printing Technology	2023-03-24	2023-03-25
2022-23	E-Content Development and Interactive EdTech Tools for Smart Class Teaching	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	CFPD	2023-09-07	2023-09-08
2022-23	Repair & Restoration of Concrete / Heritage Structures	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Civil Engineering	2023-10-06	2023-10-07
2022-23	Smart Electric Vehicle Design	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Mechanical Engineering	2023-10-30	2023-10-31
2022-23	NI LabVIEW Fundamentals for Real Time Signal and Video Processing Using Embedded Technology on	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Medical Electronics	2023-11-03	2023-11-04
2022-23	Hands-on Training Program for Non-Teaching Staff members	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Instrumentation Engineering	2023-03-24	2023-11-25
2022-23	One-day Awareness Workshop on Intellectual Property Rights and Innovation 2022 (IPR 2022)	Centre for Intellectual Proper	Centre for Intellectual Prope	2022-09-16	2022-09-16
2022-23	One-day Awareness Workshop on Intellectual Property Rights and Innovation 2022 (IPR 2022)	Centre for Intellectual Proper	Centre for Intellectual Prope	2022-09-30	2022-09-30
2022-23	One-day Awareness Workshop on "Sensitization Intellectual Property Rights 2023 (IPR 2023)	Centre for Intellectual Proper	Centre for Intellectual Prope	2023-02-10	2023-02-10
2022-23	One Day Awareness Workshop on Intellectual Property Rights and Innovation 2023 (IPR 2023)	Centre for Intellectual Proper	Centre for Intellectual Prope	2023-04-26	2023-04-26
2022-23	Effective Patent Search and Drafting-2022 (PAT DRAFT 2022)	Centre for Intellectual Prope	Centre for Intellectual Prope	2022-07-18	2022-07-22
2022-23	EDII - TN's 3 Day Faculty Development Programme On Innovation And Entrepreneurship For Spoke Colleges In The Districts Of Chennai And Tiruvallur	Entrepreneurship Development and Innovation Institute (EDII-GoTN)	Centre for Entrepreneurship De	2022-09-19	2022-09-21
2022-23	2-Weeks (Online Mode) Faculty Development Program on Entrepreneurship (Energy Conservation)	DST	Centre for Faculty & Professio	2023-09-11	2022-09-25
2022-23	2-Weeks (Online Mode) Faculty Development Program on Entrepreneurship (Mobile Application Development)	DST	Centre for Faculty & Professio	2023-10-26	2023-11-08
2021-22	One day Awareness Workshop on Intellectual Property Rights and Innovation 2022 (IPR 2022)	Centre for Intellectual Proper	Centre for Intellectual Prope	2022-04-28	2022-04-28
2021-22	Entrepreneurship Ecosystem - 5 Day exclusive program to Empower Mentorship	RUSA 2.0	Centre for Entrepreneurship De	2021-08-02	2021-08-06
2021-22	Two-Week Faculty Development Program (FDP) on Entrepreneurship and Start-ups	RUSA 2.0	Centre for Entrepreneurship De	2022-01-28	2022-03-12
2020-21	Awareness Webinar on Intellectual Property Rights	Centre for Intellectual Proper	Centre for Intellectual Prope	2020-10-23	2020-10-23



2020-21	Developing Entrepreneurial Students for Future	University Fund	Centre for Entrepreneurship De	2020-11-04	2020-10-23
2020-21	Essentials of Optical and SEM analysis	UGC	Department of Science and Huma	2020-01-31	2020-02-01
2020-21	Two days Train-the-Trainer Programme on Python Skills for the faculty members working in the University Engineering Colleges / affiliated Engineering Colleges of Anna University	RUSA 2.0	GUVI Centre for University Ind	2020-06-18	2020-06-19
2020-21	Two days Train-the-Trainer Programme on Python Skills for the faculty members working in the University Engineering Colleges / affiliated Engineering Colleges of Anna University	RUSA 2.0	GUVI Centre for University Ind	2020-08-28	2020-08-29
2021-22	IP Commercialization - Importance, Challenges and way forward	Centre for Intellectual Prope	Centre for Intellectual Prope	2022-01-10	2022-01-10
2022-23	Two-week online Faculty Development program(FDP) on Innovation & Entrepreneurship	Centre for Entrepreneurship De	Centre for Entrepreneurship De	2023-04-24	2023-05-08
2020-21	Ground water Modelling	UGC	Civil Engineering	2020-02-21	2020-02-22
2020-21	Research Challenges in 5G Wireless Communication	UGC	Electronics & Communication En	2020-02-14	2020-02-15
2020-21	Power System Protection in Real Time	UGC	Electrical & Electronics Engin	2020-02-06	2020-02-07
2020-21	Applied Machine Learning	UGC	Instrumentation Engineering	2020-03-09	2020-03-10
2020-21	Research Challenges in VLSI and Communications	UGC	Electronics Engineering	2020-02-06	2020-02-07
2020-21	Recent Trends in Data Analytics & Bio Inspired Computing	UGC	Information Technology	2020-01-31	2020-02-01
2020-21	Contemporary research aspects in Information - centric Networking	UGC	Information Technology	2020-02-14	2020-02-15
2021-22	Cryptography and Network Security	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Computer Science & Engineering	2021-06-14	2021-06-19
2021-22	Electronic Circuits-I	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Electronics Engineering	2021-05-24	2021-05-29
2021-22	Computer Networks	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Information Technology	2021-06-21	2021-06-26
2021-22	Problem solving and Python Programming	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Computer Centre	2021-05-17	2021-05-22
2021-22	Avenues for Energy Conservation in Residential Building	AICTE&CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Mechanical Engineering	2022-01-24	2022-01-31
2021-22	Compiler Design	AICTE&CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Information Science & Technolo	2022-01-19	2022-01-25
2021-22	IoT Technologies & Analytics	AICTE&CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Information Science & Technolo	2022-01-18	2022-01-24
2021-22	Cyber Security	AICTE&CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Computer Science & Engineering	2022-01-17	2022-01-22
2021-22	Teaching Professional English & Developing Critical Thinking Amongst Engineering Students	AICTE&CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	English	2022-01-03	2022-01-08

2021-22	Data Science Applied to Measurement & Control	AICTE&CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Instrumentation Engineering	2022-01-31	2022-02-05
2021-22	Recent Trend in Data Sciences	AICTE&CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Information Technology	2022-01-03	2022-01-08
2021-22	Cyber Security Challenges & Technologies	AICTE&CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Information Technology	2022-01-03	2022-01-08
2021-22	Embedded Control for robotic Applications	AICTE&CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Electronics & Communication En	2022-01-19	2022-01-25
2021-22	Information Security	AICTE&CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Computer Science & Engineering	2022-01-06	2022-01-12
2021-22	Digital Knowledge Discovery & Management in Libraries	AICTE&CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	University Library	2022-02-07	2022-02-12
2022-23	Engineering Physics	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Physics	2022-08-06	2022-08-13
2022-23	Non Destructive Testing and Evaluation	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Mechanical Engineering	2022-06-20	2022-06-25
2022-23	AICTE-AU Professtional Development Training for Non-Teaching Staff on Skill Development in Mechanical Engineering	AICTE&CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Mechanical Engineering	2022-06-17	2022-06-30
2022-23	PDP-NTS for Administrative Staff On Double Entry Accrual Based Accounting	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	CFPD & AU-TVS	2022-09-22	2022-09-22
2022-23	Machine Learning Techniques	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Computer Science & Engineering	2022-07-11	2022-07-16
2022-23	Tamils and Technology	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Centre for Development of Tami	2023-03-20	2023-03-25
2022-23	IoT Concepts and Applications	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Centre for Internet of Things	2023-01-30	2023-02-04
2022-23	Machine Learning with Applications to Object Recognition	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Computer Technology	2023-01-19	2023-01-25
2022-23	Recent Trends in Electronics, Signal Processing & Networks (RTESPN2023)	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Electronics Engineering	2023-02-06	2023-02-11
2022-23	Powering IoT using Rasberry Pi or Arduion	CENTRE FOR FACULTY & PROFESSIONAL DEVELOPMENT	Information Technology	2023-01-30	2023-02-04
2022-23	Building Information Modelling	TAMIL NADU SKILL DEVELOPMENT CORPORATION	Civil Engineering	2022-09-19	2022-09-19

#### 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	Practical Training	HW5311	Core Course	PG	Hydrology and Water Resources Engineering	2
2022-23	Dissertation I	HW5312	Core Course	PG	Hydrology and Water Resources Engineering	6
2022-23	Dissertation II	HW5411	Core Course	PG	Hydrology and Water Resources Engineering	12
2022-23	Seminar	EN5311	Core Course	PG	Environmental Engineering	1
2022-23	Dissertation I	EN5312	Core Course	PG	Environmental Engineering	6

2022-23	Dissertation II	EN5411	Core Course	PG	Environmental Engineering	12
2022-23	Practical Training	TE5311	Core Course	PG	Transportation Engineering	2
2022-23	Project Phase I	TE5312	Core Course	PG	Transportation Engineering	6
2022-23	Project Phase II	TE5411	Core Course	PG	Transportation Engineering	12
2022-23	ROBOTICS	EC5078	Elective Course	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	3
2022-23	FIBER OPTICS SENSORS	LO5001	Elective Course	PG	LASER AND ELECTRO OPTICAL ENGINEERING	3
2022-23	MATERIALS FOR OPTICAL DEVICES	LO5002	Elective Course	PG	LASER AND ELECTRO OPTICAL ENGINEERING	3
2022-23	LASER MATERIALS PROCESSING	LO5004	Elective Course	PG	LASER AND ELECTRO OPTICAL ENGINEERING	3
2022-23	MEDICAL APPLICATIONS OF LASERS	LO5005	Elective Course	PG	LASER AND ELECTRO OPTICAL ENGINEERING	3
2022-23	NONLINEAR FIBER OPTICS	LO5007	Elective Course	PG	LASER AND ELECTRO OPTICAL ENGINEERING	3
2022-23	OPTICAL COMPUTING AND SIGNAL PROCESSING	LO5008	Elective Course	PG	LASER AND ELECTRO OPTICAL ENGINEERING	3
2022-23	LASER SPECTROSCOPY	LO5010	Elective Course	PG	LASER AND ELECTRO OPTICAL ENGINEERING	3
2022-23	INTEGRATED OPTICS	LO5013	Elective Course	PG	LASER AND ELECTRO OPTICAL ENGINEERING	3
2022-23	MICROWAVE REMOTE SENSING	RG5009	Elective Course	PG	Remotesensing and Geomatics	3
2022-23	GEOMATICS FOR ENVIRONMENTAL MONITORING AND MODELING	RG5013	Elective Course	PG	Remotesensing and Geomatics	3
2022-23	GEOMATICS FOR URBAN PLANNING AND MANAGEMENT	RG5015	Elective Course	PG	Remotesensing and Geomatics	3
2022-23	DISASTER MANAGEMENT AND GEOMATICS APPLICATIONS	RG5017	Elective Course	PG	Remotesensing and Geomatics	3
2022-23	GEOLOGY FOR GEOTECHNICAL APPLICATIONS	SF5002	Elective Course	PG	Soil Mechanics and Foundation Engineering	3
2022-23	Internship / Training	FD5313	Core Course	PG	Food Technology	2
2022-23	Project Phase I	FD5314	Core Course	PG	Food Technology	6
2022-23	Project Phase II	FD5411	Core Course	PG	Food Technology	12
2022-23	Internship / Training	FD5213	Core Course	PG	Food Technology	6
2022-23	Internship/Training	FW5311	Core Course	PG	Footwear Science and Engineering	2
2022-23	Project Phase I	FW5312	Core Course	PG	Footwear Science and Engineering	6
2022-23	Project Phase II	FW5411	Core Course	PG	Footwear Science and Engineering	12

2022-23	Internship / Training	IH5311	Core Course	PG	Industrial Safety and Hazards Management	2
2022-23	Project Phase I	IH5312	Core Course	PG	Industrial Safety and Hazards Management	6
2022-23	BLOCKCHAIN TECHNOLOGIES	CA5001	Elective Course	PG	Master of Computer Applications	3
2022-23	ETHICAL HACKING	CA5002	Elective Course	PG	Master of Computer Applications	3
2022-23	SPECIAL PURPOSE VEHICLES	AM5003	Elective Course	PG	Automobile Engineering	3
2022-23	ELECTRIC AND HYBRID VEHICLES	AM5013	Elective Course	PG	Automobile Engineering	3
2022-23	VEHICLE AIR CONDITIONING SYSTEMS	AM5016	Elective Course	PG	Automobile Engineering	3
2022-23	HYDRAULIC AND PNEUMATIC SYSTEMS	AM5009	Elective Course	PG	Automobile Engineering	3
2022-23	ENGINE COMBUSTION THERMODYNAMICS AND ENGINE HEAT TRANSFER	AM5018	Elective Course	PG	Automobile Engineering	3
2022-23	ALTERNATIVE FUELS AND PROPULSION SYSTEMS	AM5008	Elective Course	PG	Automobile Engineering	3
2022-23	ELEMENTS OF HEAT TRANSFER	AE5002	Elective Course	UG	Aeronautical Engineering	3
2022-23	AIRCRAFT ENGINE REPAIRS AND MAINTENANCE	AE5005	Elective Course	UG	Aeronautical Engineering	3
2022-23	THEORY OF VIBRATION	AE5012	Elective Course	UG	Aeronautical Engineering	3
2022-23	COMPUTATIONAL HEAT TRANSFER	AS5071	Core Course	PG	Aerospace Technology	3
2022-23	EXPERIMENTAL AERODYNAMICS	AL5003	Elective Course	PG	Aeronautical Engineering	3
2022-23	STRUCTURAL DYNAMICS	AL5004	Elective Course	PG	Aeronautical Engineering	3
2022-23	ADVANCED PROPULSION SYSTEMS	AL5005	Elective Course	PG	Aeronautical Engineering	3
2022-23	AEROSPACE MATERIALS	AL5071	Elective Course	PG	Aeronautical Engineering	3
2022-23	ANALYSIS OF COMPOSITE STRUCTURES	AL5072	Elective Course	PG	Aeronautical Engineering	3
2022-23	FATIGUE AND FRACTURE MECHANICS	AL5073	Elective Course	PG	Aeronautical Engineering	3
2022-23	HIGH SPEED JET FLOWS	AL5074	Elective Course	PG	Aeronautical Engineering	3
2022-23	NON-DESTRUCTIVE EVALUATION	AL5075	Elective Course	PG	Aeronautical Engineering	3
2022-23	ROCKETRY AND SPACE MECHANICS	AL5076	Elective Course	PG	Aeronautical Engineering	3
2022-23	COMBUSTION IN JET AND ROCKET ENGINES	AL5008	Elective Course	PG	Aeronautical Engineering	3
2022-23	PRODUCTION OF AUTOMOTIVE COMPONENTS	PR5072	Elective Course	UG	Production Engineering	3

2022-23	MODERN CONCEPTS IN MANUFACTURING	PR5002	Elective Course	UG	Production Engineering	3
2022-23	HEAT TRANSFER	PR5013	Elective Course	UG	Production Engineering	3
2022-23	COMPUTER AIDED PRODUCT DESIGN	PR5009	Elective Course	UG	Production Engineering	3
2022-23	PRODUCTION OF AUTOMOTIVE COMPONENTS	PR5072	Elective Course	UG	Production Engineering	3
2022-23	MODERN CONCEPTS IN MANUFACTURING	PR5002	Elective Course	UG	Production Engineering	3
2022-23	ADVANCED POWER SYSTEM DYNAMICS	PS5003	Elective Course	PG	Power Systems Engineering	3
2022-23	POWER SYSTEM STATE ESTIMATION	PS5004	Elective Course	PG	Power Systems Engineering	3
2022-23	DISTRIBUTED GENERATION CONTROL AND AUTOMATION	PS5073	Elective Course	PG	Power Systems Engineering	3
2022-23	EMBEDDED SYSTEM DESIGN	EE5002	Elective Course	UG	Electrical and Electronics Engineering	3
2022-23	FUNDAMENTALS OF OBJECT ORIENTED PROGRAMMING	EE5007	Elective Course	UG	Electrical and Electronics Engineering	3
2022-23	DESIGN OF ELECTRICAL APPARATUS	EE5005	Elective Course	UG	Electrical and Electronics Engineering	3
2022-23	SPECIAL ELECTRICAL MACHINES	EE5010	Elective Course	UG	Electrical and Electronics Engineering	3
2022-23	DATA STRUCTURES AND ALGORITHMS	EE5015	Elective Course	UG	Electrical and Electronics Engineering	3
2022-23	AVIONICS SYSTEM ENGINEERING	AV5004	Elective Course	PG	AVIONICS	3
2022-23	IMAGE PROCESSING FOR AEROSPACE APPLICATIONS	AV5005	Elective Course	PG	AVIONICS	3
2022-23	FAULT TOLERANT COMPUTING	AV5006	Elective Course	PG	AVIONICS	3
2022-23	REAL TIME EMBEDDED SYSTEMS AND APPLICATIONS	AV5007	Elective Course	PG	AVIONICS	3
2022-23	ELECTRONIC WARFARE	AV5008	Elective Course	PG	AVIONICS	3
2022-23	UAV SYSTEM DESIGN	AV5009	Elective Course	PG	AVIONICS	3
2022-23	DIGITAL FLY-BY WIRE CONTROL	AV5010	Elective Course	PG	AVIONICS	3
2022-23	MISSILE TECHNOLOGY	AV5011	Elective Course	PG	AVIONICS	3
2022-23	THEORY OF DETECTION AND ESTIMATION OF DIGITAL	AV5014	Elective Course	PG	AVIONICS	3
2022-23	Aerospace Guidance and Control	AV5251	Elective Course	PG	AVIONICS	3
2022-23	RADAR SIGNAL PROCESSING	CU5002	Elective Course	PG	COMMUNICATION SYSTEMS	3
2022-23	MASSIVE MIMO AND MMWAVE SYSTEMS	CU5003	Elective Course	PG	COMMUNICATION SYSTEMS	3
2022-23	MACHINE LEARNING COMMUNICATION NETWORKS	CU5004	Elective Course	PG	COMMUNICATION SYSTEMS	3

2022-23	WIRELESS SENSOR NETWORKS AND WBAN	CU5006	Elective Course	PG	COMMUNICATION SYSTEMS	3
2022-23	CRYPTOGRAPHY AND NETWORK SECURITY	CU5007	Elective Course	PG	COMMUNICATION SYSTEMS	3
2022-23	SATELLITE COMMUNICATION AND NAVIGATION SYSTEMS	CU5008	Elective Course	PG	COMMUNICATION SYSTEMS	3
2022-23	BIOMATERIALS AND ARTIFICIAL ORGANS	BM5006	Elective Course	UG	BIOMEDICAL ENGINEERING	3
2022-23	BIOMETRIC SYSTEMS	BM5008	Elective Course	UG	BIOMEDICAL ENGINEERING	3
2022-23	WEARABLE SYSTEMS	BM5017	Elective Course	UG	BIOMEDICAL ENGINEERING	3
2022-23	Sensors and Measurements	BM5301	Core Course	UG	BIOMEDICAL ENGINEERING	3
2022-23	HOSPITAL WASTE MANAGEMENT	BO5007	Elective Course	PG	BIOMEDICAL ENGINEERING	3
2022-23	BIOMATERIALS	BO5071	Elective Course	PG	BIOMEDICAL ENGINEERING	3
2022-23	BIOMECHANICS	BO5072	Elective Course	PG	BIOMEDICAL ENGINEERING	3
2022-23	Human Biology	BO5101	Core Course	PG	BIOMEDICAL ENGINEERING	3
2022-23	Diagnostic and Therapeutic Equipment	BO5102	Core Course	PG	BIOMEDICAL ENGINEERING	3
2022-23	Health Informatics	BO5201	Core Course	PG	BIOMEDICAL ENGINEERING	3
2022-23	Health Care, Hospital and Equipment Management	BO5251	Core Course	PG	BIOMEDICAL ENGINEERING	3
2022-23	Rehabilitation Engineering	BO5252	Core Course	PG	BIOMEDICAL ENGINEERING	3
2022-23	RADAR SIGNAL PROCESSING	CU5002	Elective Course	PG	COMMUNICATION SYSTEMS	3
2022-23	MASSIVE MIMO AND MMWAVE SYSTEMS	CU5003	Elective Course	PG	COMMUNICATION SYSTEMS	3
2022-23	MACHINE LEARNING COMMUNICATION NETWORKS	CU5004	Elective Course	PG	COMMUNICATION SYSTEMS	3
2022-23	WIRELESS SENSOR NETWORKS AND WBAN	CU5006	Elective Course	PG	COMMUNICATION SYSTEMS	3
2022-23	CRYPTOGRAPHY AND NETWORK SECURITY	CU5007	Elective Course	PG	COMMUNICATION SYSTEMS	3
2022-23	SATELLITE COMMUNICATION AND NAVIGATION SYSTEMS	CU5008	Elective Course	PG	COMMUNICATION SYSTEMS	3
2022-23	MICRO-ELECTRO MECHANICAL SYSTEMS	CU5010	Elective Course	PG	COMMUNICATION SYSTEMS	3
2022-23	Signal Processing and Baseband Techniques	CU5101	Core Course	PG	COMMUNICATION SYSTEMS	3
2022-23	Digital Modulation and Coding Techniques	CU5102	Core Course	PG	COMMUNICATION SYSTEMS	3
2022-23	Advanced Wireless Communication	CU5103	Core Course	PG	COMMUNICATION SYSTEMS	3
2022-23	Advanced Radiation Systems	CU5104	Core Course	PG	COMMUNICATION SYSTEMS	3

2022-23	Optical Communication and Networking	CU5301	Core Course	PG	COMMUNICATION SYSTEMS	3
2022-23	SATELLITE COMMUNICATION	EC5007	Elective Course	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	3
2022-23	WIRELESS COMMUNICATION NETWORKS	EC5008	Elective Course	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	3
2022-23	FUNDAMENTALS	EC5013	Elective Course	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	3
2022-23	CMOS ANALOG IC DESIGN	EC5014	Elective Course	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	3
2022-23	DATA CONVERTERS	EC5015	Elective Course	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	3
2022-23	INTRODUCTION TO EMBEDDED CONTROLLERS	EC5016	Elective Course	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	3
2022-23	MEDICAL ELECTRONICS	EC5021	Elective Course	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	3
2022-23	FUNDAMENTALS OF OPERATING SYSTEMS	EC5024	Elective Course	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	3
2022-23	PARALLEL AND DISTRIBUTED PROCESSING	EC5026	Elective Course	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	3
2022-23	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	EC5027	Elective Course	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	3
2022-23	ADVANCED MICROCONTROLLERS	EC5071	Elective Course	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	3
2022-23	CRYPTOGRAPHY AND NETWORK SECURITY	EC5072	Elective Course	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	3
2022-23	ELECTRO MAGNETIC INTERFERENCE AND COMPATIBILITY	EC5073	Elective Course	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	3
2022-23	REAL TIME EMBEDDED SYSTEMS	EC5077	Elective Course	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	3
2022-23	Design Studio	SF5311	Core Course	PG	Soil Mechanics and Foundation Engineering	2
2022-23	Practical Training	SF5312	Core Course	PG	Soil Mechanics and Foundation Engineering	1
2022-23	Project Phase I	SF5313	Core Course	PG	Soil Mechanics and Foundation Engineering	6
2022-23	Project Phase II	SF5411	Core Course	PG	Soil Mechanics and Foundation Engineering	12
2022-23	Dissertation I	EM5311	Core Course	PG	Environmental Management	6

2022-23	Dissertation II	EM5411	Core Course	PG	Environmental Management	12
2022-23	Project Phase I	RG5311	Core Course	PG	Remotesensing and Geomatics	2
2022-23	Practical Training	RG5312	Core Course	PG	Remotesensing and Geomatics	6
2022-23	Project Phase II	RG5411	Core Course	PG	Remotesensing and Geomatics	12
2022-23	Technical Seminar	ST5111	Core Course	PG	Structural Engineering	4
2022-23	Structural Design Studio	ST5212	Core Course	PG	Structural Engineering	2
2022-23	Technical Seminar	CN5111	Core Course	PG	Construction Engineering and Management	3
2022-23	Technical Seminar	IW5112	Core Course	PG	Irrigation Water Management	1
2022-23	Technical Seminar	HW5111	Core Course	PG	Hydrology and Water Resources Engineering	1
2022-23	Design Studio	TE5211	Core Course	PG	Transportation Engineering	2
2022-23	Seminar	TE5212	Core Course	PG	Transportation Engineering	1
2022-23	Technical Seminar	EM5211	Core Course	PG	Environmental Management	1
2022-23	Project Phase I	PS5311	Core Course	PG	Power Systems Engineering	6
2022-23	Project Phase II	PS5411	Core Course	PG	Power Systems Engineering	12
2022-23	Project Phase I	PE5311	Core Course	PG	Power Electronics and Drives	6
2022-23	Project Phase II	PE5411	Core Course	PG	Power Electronics and Drives	12
2022-23	RENEWABLE ENERGY TECHNOLOGY	PW5077	Elective Course	PG	Power Engineering and Management	3
2022-23	ROBOTICS AND CONTROL	CO5002	Elective Course	PG	Control and Instrumentation Engineering	3
2022-23	DYNAMICS AND CONTROL OF INDUSTRIAL PROCESS	CO5004	Elective Course	PG	Control and Instrumentation Engineering	3
2022-23	WIRELESS AND MOBILE COMMUNICATION	CO5074	Elective Course	PG	Control and Instrumentation Engineering	3
2022-23	WIRELESS AND MOBILE COMMUNICATION	ET5001	Elective Course	PG	Embedded System Technologies	3
2022-23	OPEN SOURCE SOFTWARE	ET5012	Elective Course	PG	Embedded System Technologies	3
2022-23	EMBEDDED NETWORKING AND AUTOMATION OF ELECTRICAL SYSTEM	ET5075	Elective Course	PG	Embedded System Technologies	3
2022-23	EMBEDDED COMPUTING	ET5003	Elective Course	PG	Embedded System Technologies	3
2022-23	IOT FOR SMART SYSTEMS	ET5013	Elective Course	PG	Embedded System Technologies	3
2022-23	CORROSION AND CORROSION CONTROL	AC5008	Elective Course	PG	Applied Chemistry	3
2022-23	APPLIED MATHEMATICS FOR GEOLOGISTS	AG5002	Elective Course	PG	Applied Geology	3
2022-23	ENVIRONMENTAL GEOLOGY	AG5007	Elective Course	PG	Applied Geology	3
2022-23	MARINE GEOLOGY	AG5014	Elective Course	PG	Applied Geology	3



2022-23	MINING GEOLOGY	AG5018	Elective Course	PG	Applied Geology	3
2022-23	PETROLEUM GEOLOGY	AG5022	Elective Course	PG	Applied Geology	3
2022-23	COAL GEOLOGY	AG5004	Elective Course	PG	Applied Geology	3
2022-23	MICROPALEONTOLOGY AND PALYNOLOGY	AG5016	Elective Course	PG	Applied Geology	3
2022-23	ENVIRONMENTAL HYDROGEOLOGY	AG5008	Elective Course	PG	Applied Geology	3
2022-23	GEOPROSPECTING	AG5010	Elective Course	PG	Applied Geology	3
2022-23	FILM APPRECIATION	EA5011	Elective Course	PG	Electronic Media	3
2022-23	ADVANCED OXIDATION PROCESSES AND TECHNOLOGY	CL5029	Elective Course	PG	chemical Engineering	3
2022-23	ELECTROCHEMICAL ENVIRONMENTAL TECHNOLOGY	CL5030	Elective Course	PG	chemical Engineering	3
2022-23	ANTI COUNTERFEITING AND PRODUCT PROTECTION	PG5001	Elective Course	PG	Printing and packaging Technology	3
2022-23	FOOD AND BEVERAGE PACKAGING	PG5004	Elective Course	PG	Printing and packaging Technology	3
2022-23	PACKAGING LOGISTICS AND SUPPLY CHAIN MANAGEMENT	PG5010	Elective Course	PG	Printing and packaging Technology	3
2022-23	PHARMACEUTICAL AND COSMETICS PACKAGING	PG5014	Elective Course	PG	Printing and packaging Technology	3
2022-23	NANO COMPOSITES FOR PACKAGING	PG5015	Elective Course	PG	Printing and packaging Technology	3
2022-23	BRAND MANAGEMENT	PG5008	Elective Course	PG	Printing and packaging Technology	3
2022-23	SUSTAINABLE PACKAGING	PG5018	Elective Course	PG	Printing and packaging Technology	3
2022-23	DIGITAL IMAGE PROCESSING	AP5001	Elective Course	PG	APPLIED ELECTRONICS	3
2022-23	DIGITAL CONTROL ENGINEERING	AP5004	Elective Course	PG	APPLIED ELECTRONICS	3
2022-23	ADVANCED COMPUTER ARCHITECTURE DESIGN	AP5006	Elective Course	PG	APPLIED ELECTRONICS	3
2022-23	IOT SYSTEM DESIGN AND SECURITY	AP5008	Elective Course	PG	APPLIED ELECTRONICS	3
2022-23	MEMS BASED DEVICES	AP5009	Elective Course	PG	APPLIED ELECTRONICS	3
2022-23	ADVANCED MICROPROCESSORS AND MICROCONTROLLERS	AP5071	Elective Course	PG	APPLIED ELECTRONICS	3
2022-23	ELECTRONICS FOR SOLAR POWER	AP5072	Elective Course	PG	APPLIED ELECTRONICS	3
2022-23	EMI AND EMC IN SYSTEM DESIGN	AP5073	Elective Course	PG	APPLIED ELECTRONICS	3
2022-23	PCB DESIGN AND FABRICATION	AP5074	Elective Course	PG	APPLIED ELECTRONICS	3

2022-23	WIRELESS SENSOR NETWORKS	AP5078	Elective Course	PG	APPLIED ELECTRONICS	3
2022-23	Analog Integrated Circuit Design	AP5151	Elective Course	PG	APPLIED ELECTRONICS	3
2022-23	Embedded System Design	AP5152	Elective Course	PG	APPLIED ELECTRONICS	3
2022-23	GAME PROGRAMMING	MM5005	Elective Course	PG	Information Technology spl multimedia	4
2022-23	MULTIMEDIA BASED E-LEARNING	MM5006	Elective Course	PG	Information Technology spl multimedia	4
2022-23	MIXED REALITY	MM5072	Elective Course	PG	Information Technology spl multimedia	4
2022-23	ENVIRONMENTAL TOXICOLOGY AND MONITORING	EM5011	Elective Course	PG	Environmental Management	3
2022-23	LIFE CYCLE ANALYSIS AND DESIGN FOR THE ENVIRONMENT	EM5007	Elective Course	PG	Environmental Management	3
2022-23	ENVIRONMENT, HEALTH AND SAFETY IN INDUSTRIES	EM5009	Elective Course	PG	Environmental Management	3
2022-23	ADVANCED FLUID MECHANICS	HW5001	Elective Course	PG	Hydrology and Water Resources Engineering	3
2022-23	WATER SUPPLY AND BURIED PIPELINES	HW5009	Elective Course	PG	Hydrology and Water Resources Engineering	3
2022-23	FLOOD MODELLING AND DROUGHT MANAGEMENT	HW5006	Elective Course	PG	Hydrology and Water Resources Engineering	3
2022-23	PROCESS DYNAMICS AND CONTROL	PP5004	Elective Course	PG	Petroleum Refining and Petrochemicals	3
2022-23	PETROLEUM ECONOMICS	PP5013	Elective Course	PG	Petroleum Refining and Petrochemicals	3
2022-23	MODELLING OF TRANSPORT PROCESSES	PP5003	Elective Course	PG	Petroleum Refining and Petrochemicals	3
2022-23	CORROSION ENGINEERING	PP5006	Elective Course	PG	Petroleum Refining and Petrochemicals	3
2022-23	MULTICOMPONENT DISTILLATION	PP5009	Elective Course	PG	Petroleum Refining and Petrochemicals	3
2022-23	ENHANCED OIL RECOVERY	PP5010	Elective Course	PG	Petroleum Refining and Petrochemicals	3
2022-23	CONDUCTING POLYMERS	PL5006	Elective Course	PG	Petroleum Refining and Petrochemicals	3
2022-23	HOME TEXTILES	AT5002	Elective Course	UG	Apparel Technology	3
2022-23	INTIMATE APPARELS	AT5003	Elective Course	UG	Apparel Technology	3
2022-23	APPAREL RETAIL MANAGEMENT	AT5004	Elective Course	UG	Apparel Technology	3
2022-23	GARMENT FINISHING AND CARE	AT5006	Elective Course	UG	Apparel Technology	3
2022-23	PROTECTIVE AND SMART GARMENTS	AT5008	Elective Course	UG	Apparel Technology	3

2022-23	SYNTHETIC RESINS	PL5018	Elective Course	PG	polymer Science and Engineering	3
2022-23	PLASTICS WASTE MANAGEMENT	PL5010	Elective Course	PG	polymer Science and Engineering	3
2022-23	REINFORCED PLASTICS	PL5015	Elective Course	PG	polymer Science and Engineering	3
2022-23	ADHESIVE SCIENCE AND TECHNOLOGY	PL5003	Elective Course	PG	polymer Science and Engineering	3
2022-23	ENGINEERING PLASTICS	PL5007	Elective Course	PG	polymer Science and Engineering	3
2022-23	ENGINEERING DESIGN	RT5001	Elective Course	PG	Rubber Technology	3
2022-23	FINITE ELEMENT ANALYSIS IN RUBBER TECHNOLOGY	RT5005	Elective Course	PG	Rubber Technology	3
2022-23	CEMENT TECHNOLOGY	CT5004	Elective Course	UG	Ceramic Technology	3
2022-23	ABRASIVE TECHNOLOGY	CT5005	Elective Course	UG	Ceramic Technology	3
2022-23	TYRE SCIENCE AND TECHNOLOGY	RT5007	Elective Course	PG	Rubber Technology	3
2022-23	POLYMER COMPOSITES	RT5008	Elective Course	PG	Rubber Technology	3
2022-23	PREFABRICATED STRUCTURES	ST5004	Elective Course	PG	Structural Engineering	3
2022-23	ADVANCED DESIGN OF FOUNDATION STRUCTURES	ST5012	Elective Course	PG	Structural Engineering	3
2022-23	DESIGN OF HIGH RISE STRUCTURES	ST5014	Elective Course	PG	Structural Engineering	3
2022-23	DESIGN OF BRIDGE STRUCTURES	ST5017	Elective Course	PG	Structural Engineering	3
2022-23	MECHANICS OF FIBER REINFORCED POLYMER COMPOSITE MATERIALS	ST5008	Elective Course	PG	Structural Engineering	3
2022-23	DESIGN OF INDUSTRIAL STRUCTURES	ST5011	Elective Course	PG	Structural Engineering	3
2022-23	GEOSPATIAL TECHNIQUES	TE5005	Elective Course	PG	Transportation Engineering	3
2022-23	SUSTAINABLE URBAN AND TRANSPORT PLANNING	TE5008	Elective Course	PG	Transportation Engineering	3
2022-23	Project Phase I	ET5311	Core Course	PG	Embedded System Technologies	16
2022-23	Project Phase II	ET5411	Core Course	PG	Embedded System Technologies	12
2022-23	Project Phase I	HV5311	Core Course	PG	High Voltage Engineering	6
2022-23	Project Phase II	HV5411	Core Course	PG	High Voltage Engineering	12
2022-23	Project Phase I	CO5311	Core Course	PG	Control and Instrumentation Engineering	6
2022-23	Project Phase II	CO5411	Core Course	PG	Control and Instrumentation Engineering	12
2022-23	Project Phase I	IN5311	Core Course	PG	Instrumentation Engineering	6
2022-23	Project Phase II	IN5411	Core Course	PG	Instrumentation Engineering	12

2022-23	Project Phase I	PW5311	Core Course	PG	Power Engineering and Management	6
2022-23	Project Phase II	PW5411	Core Course	PG	Power Engineering and Management	12
2022-23	Mini Project	PS5212	Core Course	PG	Power Systems Engineering	2
2022-23	Mini Project with Seminar	PE5213	Core Course	PG	Power Systems Engineering	3
2022-23	Mini Project with Seminar	ET5213	Core Course	PG	Embedded System Technologies	3
2022-23	MATHEMATICAL PROGRAMMING	MT5023	Elective Course	PG	Mathematics	3
2022-23	FORMAL LANGUAGES AND AUTOMATA THEORY	MT5014	Elective Course	PG	Mathematics	3
2022-23	NUMBER THEORY	MT5026	Elective Course	PG	Mathematics	3
2022-23	NUMBER THEORY AND CRYPTOGRAPHY	MT5027	Elective Course	PG	Mathematics	3
2022-23	CERAMIC MATERIALS	MC5001	Elective Course	PG	Materials Science	3
2022-23	NONLINEAR OPTICS AND MATERIALS	MC5003	Elective Course	PG	Materials Science	3
2022-23	ADVANCES IN X-RAY ANALYSIS	MC5006	Elective Course	PG	Materials Science	3
2022-23	NANOELECTRONICS AND PHOTONICS	MC5012	Elective Course	PG	Materials Science	3
2022-23	LASER AND APPLICATIONS	MC5004	Elective Course	PG	Materials Science	3
2022-23	THIN FILM SCIENCE AND TECHNOLOGY	MC5016	Elective Course	PG	Materials Science	3
2022-23	NANOMATERIALS PREPARATION AND CHARACTERIZATION	MC5017	Elective Course	PG	Materials Science	3
2022-23	BIOMATERIALS	MC5021	Elective Course	PG	Materials Science	3
2022-23	NON-LINEAR ELECTRONICS	MC5025	Elective Course	PG	Materials Science	3
2022-23	OPTICAL MATERIALS	MC5020	Elective Course	PG	Materials Science	3
2022-23	MEDICAL IMAGING TECHNIQUES	MP5001	Elective Course	PG	Medical Physics	3
2022-23	NANO TECHNOLOGY FOR BIOMEDICAL APPLICATIONS	MP5010	Elective Course	PG	Medical Physics	3
2022-23	MATERIALS FOR RADIATION DOSIMETERS	MP5012	Elective Course	PG	Medical Physics	3
2022-23	NUCLEAR MEDICINE	MP5003	Elective Course	PG	Medical Physics	3
2022-23	BIOLOGICAL EFFECTS OF IONIZING RADIATION	MP5004	Elective Course	PG	Medical Physics	3
2022-23	ADVANCED RADIATION THERAPY TECHNIQUES	MP5005	Elective Course	PG	Medical Physics	3
2022-23	RADIATION HAZARDS, EVALUATION AND CONTROL	MP5006	Elective Course	PG	Medical Physics	4
2022-23	INDUSTRIAL CATALYSIS	AC5001	Elective Course	PG	Applied Chemistry	3

2022-23	CHEMISTRY OF NANO-MATERIALS	AC5007	Elective Course	PG	Applied Chemistry	3
2022-23	POLYMER CHEMISTRY AND TECHNOLOGY	AC5011	Elective Course	PG	Applied Chemistry	3
2022-23	PROCESS DATA ANALYTICS	IN5004	Elective Course	PG	Instrumentation Engineering	3
2022-23	SAFETY INSTRUMENTED SYSTEMS	IN5012	Elective Course	PG	Instrumentation Engineering	3
2022-23	INSTRUMENTATION STANDARDS	IN5013	Elective Course	PG	Instrumentation Engineering	3
2022-23	POWER QUALITY	PE5074	Elective Course	PG	Power Electronics and Drives	3
2022-23	POWER ELECTRONICS FOR RENEWABLE ENERGY SYSTEMS	PE5073	Elective Course	PG	Power Electronics and Drives	3
2022-23	DISTRIBUTION SYSTEM AND AUTOMATION	PW5001	Elective Course	PG	Power Engineering and Management	3
2022-23	MICRO-GRID OPERATION AND CONTROL	PW5076	Elective Course	PG	Power Engineering and Management	3
2022-23	POWER BUSINESS MANAGEMENT	PW5002	Elective Course	PG	Power Engineering and Management	3
2022-23	ENERGY STORAGE TECHNOLOGIES	PW5074	Elective Course	PG	Power Engineering and Management	3
2022-23	GRID INTEGRATION OF RENEWABLE ENERGY SOURCES	PW5075	Elective Course	PG	Power Engineering and Management	3
2022-23	INDUSTRIAL POWER SYSTEM ANALYSIS AND DESIGN	PS5002	Elective Course	PG	Power Systems Engineering	3
2022-23	SMART GRID	PS5075	Elective Course	PG	Power Systems Engineering	3
2022-23	Physics of Solar Engineering	SY5101	Core Course	PG	Solar Engineering	3
2022-23	HEAT TRANSFER	PR5013	Elective Course	UG	Production Engineering	3
2022-23	COMPUTER AIDED PRODUCT DESIGN	PR5009	Elective Course	UG	Production Engineering	3
2022-23	Professional Service firm: Management and Excellence (Entrepreneurship)	AR5903	Core Course	UG	Architecture	3
2022-23	AIR POLLUTION AND CONTROL ENGINEERING	CE5004	Elective Course	UG	Civil Engineering	3
2022-23	GROUNDWATER ENGINEERING	CE5008	Elective Course	UG	Civil Engineering	3
2022-23	SATELLITE METEOROLOGY	GI5013	Elective Course	UG	Geoinformatics	3
2022-23	HYDROLOGY AND WATER RESOURCES ENGINEERING FOR GEOINFORMATICS	GI5004	Elective Course	UG	Geoinformatics	3
2022-23	GIS BASED DISASTERPREPAREDNESS AND MITIGATION	GI5011	Elective Course	UG	Geoinformatics	3
2022-23	Analysis of Electric Circuits	EI5301	Core Course	UG	Electronics and Instrumentation Engineering	3

2022-23	Electrical Machines	EI5302	Core Course	UG	Electronics and Instrumentation Engineering	3
2022-23	Signals and Systems	EI5303	Core Course	UG	Electronics and Instrumentation Engineering	3
2022-23	Circuit Simulation Laboratory	EI5311	Core Course	UG	Electronics and Instrumentation Engineering	2
2022-23	Electrical Machines Laboratory	EI5312	Core Course	UG	Electronics and Instrumentation Engineering	2
2022-23	Electronics for Analog Signal Processing- II	EI5401	Core Course	UG	Electronics and Instrumentation Engineering	3
2022-23	BIG DATA WITH R	CA5003	Elective Course	PG	Master of Computer Applications	3
2022-23	FULL STACK DEVELOPMENT	CA5004	Elective Course	PG	Master of Computer Applications	3
2022-23	INTRODUCTION TO MACHINE LEARNING	CA5005	Elective Course	PG	Master of Computer Applications	3
2022-23	E-LEARNING TECHNIQUES	CA5007	Elective Course	PG	Master of Computer Applications	3
2022-23	SOFTWARE TESTING	CA5007	Elective Course	PG	Master of Computer Applications	3
2022-23	DEEP LEARNING TECHNIQUES AND APPLICATIONS	CA5008	Elective Course	PG	Master of Computer Applications	3
2022-23	GAME PROGRAMMING TECHNIQUES	CA5009	Elective Course	PG	Master of Computer Applications	3
2022-23	UNIX INTERNALS	CA5010	Elective Course	PG	Master of Computer Applications	3
2022-23	Database Management Systems	IT5351	Core Course	UG	Information Technology	3
2022-23	Programming and Data Structures	IT5352	Core Course	UG	Information Technology	3
2022-23	Object Oriented Programming and Advanced Data Structures	IT5401	Core Course	UG	Information Technology	3
2022-23	Object Oriented Programming and Advanced Data Structures	IT5402	Core Course	UG	Information Technology	3
2022-23	Operating Systems	IT5403	Core Course	UG	Information Technology	3
2022-23	Computer Architecture	IT5451	Core Course	UG	Information Technology	3
2022-23	C# AND .NET PROGRAMMING	CA5014	Elective Course	PG	Master of Computer Applications	3
2022-23	SOFTWARE PROJECT MANAGEMENT	CA5016	Elective Course	PG	Master of Computer Applications	3
2022-23	DIGITAL IMAGE PROCESSING AND APPLICATIONS	CA5018	Elective Course	PG	Master of Computer Applications	3
2022-23	DATA WAREHOUSING AND DATA MINING TECHNIQUES	CA5020	Elective Course	PG	Master of Computer Applications	3
2022-23	OBJECT ORIENTED ANALYSIS AND DESIGN	CA5024	Elective Course	PG	Master of Computer Applications	3
2022-23	COMPUTER GRAPHICS	CA5026	Elective Course	PG	Master of Computer Applications	3
2022-23	SOFT COMPUTING	CA5033	Elective Course	PG	Master of Computer Applications	3
2022-23	Digital Logic and Computer Organization	CA5101	Core Course	PG	Master of Computer Applications	3

2022-23	Problem Solving using Python	CA5102	Core Course	PG	Master of Computer Applications	3
2022-23	Database Management Systems	CA5103	Core Course	PG	Master of Computer Applications	3
2022-23	Programming in Python Laboratory	CA5111	Core Course	PG	Master of Computer Applications	2
2022-23	GROUND IMPROVEMENT TECHNIQUES	SF5005	Elective Course	PG	Soil Mechanics and Foundation Engineering	3
2022-23	GEOTECHNICAL EARTHQUAKE ENGINEERING	SF5008	Elective Course	PG	Soil Mechanics and Foundation Engineering	3
2022-23	ROCK MECHANICS AND APPLICATIONS	SF5011	Elective Course	PG	Soil Mechanics and Foundation Engineering	3
2022-23	ENVIRONMENTAL GEOTECHNOLOGY	SF5001	Elective Course	PG	Soil Mechanics and Foundation Engineering	3
2022-23	HIGH PERFORMANCE TEXTILES	TX5012	Elective Course	PG	Textile Technology	3
2022-23	GEOSYNTHETICS AND REINFORCED SOIL STRUCTURES	SF5010	Elective Course	PG	Soil Mechanics and Foundation Engineering	3
2022-23	WIND AND CYCLONE EFFECT ON STRUCTURES	ST5003	Elective Course	PG	Structural Engineering	3
2022-23	DESIGN OF STEEL CONCRETE COMPOSITE STRUCTURES	ST5009	Elective Course	PG	Structural Engineering	3
2022-23	MULTIMEDIA CODING TECHNIQUES	MM5073	Elective Course	PG	Information Technology spl multimedia	4
2022-23	Principles of Multimedia	MM5101	Core Course	PG	Information Technology spl multimedia	4
2022-23	3D Modeling and Rendering	MM5201	Core Course	PG	Information Technology spl multimedia	4
2022-23	Multimedia Networks	MM5202	Core Course	PG	Information Technology spl multimedia	4
2022-23	Mini Project with Seminar	MM5211	Core Course	PG	Information Technology spl multimedia	1
2022-23	TECHNIQUES IN MOLECULAR BIOLOGY AND GENETIC ENGINEERING	BT5010	Elective Course	PG	Biotechnology	3
2022-23	MOLECULAR PATHOGENESIS OF INFECTIOUS DISEASES	BT5012	Elective Course	PG	Biotechnology	3
2022-23	ENZYME ENGINEERING AND TECHNOLOGY	BT5072	Elective Course	PG	Biotechnology	3
2022-23	NANO BIOTECHNOLOGY	BT5073	Elective Course	PG	Biotechnology	3
2022-23	BIOGENERICS AND BIOPHARMACEUTICALS	BP5072	Elective Course	PG	Biotechnology	3
2022-23	MOLECULAR MEDICINE AND MECHANISM	BP5074	Elective Course	PG	Biotechnology	3
2022-23	CONVENTIONAL AND RATIONAL DRUG DISCOVERY STRATEGIES	BP5005	Elective Course	PG	Biotechnology	3

2022-23	APPLIED STATISTICS FOR BIOLOGISTS	BT5071	Elective Course	PG	Biotechnology	3
2022-23	ADVANCES IN BIOPROCESS TECHNOLOGY	BT5018	Elective Course	PG	Biotechnology	3
2022-23	STRUCTURAL BIOLOGY	BC5071	Elective Course	PG	Computational Biology	3
2022-23	SYNTHETIC BIOLOGY	BC5072	Elective Course	PG	Computational Biology	3
2022-23	MOLECULAR DIAGNOSTICS	BT5005	Elective Course	PG	Biotechnology	3
2022-23	HUMAN HEREDITY AND GENETICS	BT5017	Elective Course	PG	Biotechnology	3
2022-23	BIOSEPARATION TECHNOLOGY	BT5008	Elective Course	PG	Biotechnology	3
2022-23	PLANT GENETIC ENGINEERING AND BIOTECHNOLOGY	BT5011	Elective Course	PG	Biotechnology	3
2022-23	SOLAR POWER PLANTS	SY5005	Elective Course	PG	Solar Engineering	3
2022-23	SOLAR ENERGY FOR INDUSTRIAL PROCESS HEATING	SY5007	Elective Course	PG	Solar Engineering	3
2022-23	MATERIALS FOR SOLAR DEVICES	SY5001	Elective Course	PG	Solar Engineering	3
2022-23	SOLAR PASSIVE ARCHITECTURE	SY5006	Elective Course	PG	Solar Engineering	3
2022-23	Designing with Advanced Materials	ED5251	Core Course	PG	Engineering Design	3
2022-23	Integrated Product Design and Process Development	ED5253	Core Course	PG	Engineering Design	3
2022-23	DESIGN OF HYBRID AND ELECTRIC VEHICLES	ED5076	Elective Course	PG	Engineering Design	3
2022-23	DESIGN FOR SUSTAINABILITY	ED5075	Elective Course	PG	Engineering Design	3
2022-23	Alternate Fuels for IC Engines	IC5101	Core Course	PG	Internal Combustion Engineering	3
2022-23	Electronic Engine Management Systems	IC5201	Core Course	PG	Internal Combustion Engineering	3
2022-23	AUTOMOTIVE TECHNOLOGY	IC5001	Elective Course	PG	Internal Combustion Engineering	1
2022-23	AIRCRAFT AND SPACE PROPULSION	IC5004	Elective Course	PG	Internal Combustion Engineering	3
2022-23	Solar Photovoltaic Technologies	SY5201	Core Course	PG	Solar Engineering	3
2022-23	Solar Thermal Technologies	SY5202	Core Course	PG	Solar Engineering	3
2022-23	SHORT FILM MAKING	EA5012	Elective Course	PG	Electronic Media	3
2022-23	ENTREPRENEURSHIP	EA5015	Elective Course	PG	Electronic Media	3
2022-23	VISUAL EFFECTS	EA5019	Elective Course	PG	Electronic Media	3
2022-23	DOCUMENTARY PRODUCTION	EA5010	Elective Course	PG	Electronic Media	3
2022-23	CRITICAL ISSUES IN MEDIA	EA5002	Elective Course	PG	Electronic Media	3
2022-23	ELECTRONIC JOURNALISM	EA5004	Elective Course	PG	Electronic Media	3



2022-23	ELECTRONIC MEDIA MANAGEMENT	EA5014	Elective Course	PG	Electronic Media	3
2022-23	Internship/Training	LE5311	Core Course	PG	Leather Technology	2
2022-23	Project Phase I	LE5312	Core Course	PG	Leather Technology	6
2022-23	Project Phase II	LE5411	Core Course	PG	Leather Technology	12
2022-23	Project Phase I	NT5311	Core Course	PG	Nano Science and Technology	6
2022-23	Project Phase II	NT5411	Core Course	PG	Nano Science and Technology	12
2022-23	Project Phase I	PP5311	Core Course	PG	Petroleum Refining and Petrochemicals	6
2022-23	Mini Project with Seminar	PP5213	Elective Course	PG	Petroleum Refining and Petrochemicals	1
2022-23	SUPPLY CHAIN MANAGEMENT IN OIL & GAS	PP5012	Core Course	PG	Petroleum Refining and Petrochemicals	3
2022-23	Project Phase I	PL5312	Core Course	PG	polymer Science and Engineering	6
2022-23	Mini Project with Seminar	PL5213	Core Course	PG	polymer Science and Engineering	2
2022-23	Creativity and Innovation Laboratory	BA5361	Core Course	PG	Master of Business Administration	2
2022-23	Summer Internship	BA5311	Core Course	PG	Master of Business Administration	2
2022-23	Project Work	BA5411	Core Course	PG	Master of Business Administration	12
2022-23	Indian ethos and business ethics (Seminar)	BA5161	Core Course	PG	Master of Business Administration	2
2022-23	Business Communications (Laboratory)	BA5162	Core Course	PG	Master of Business Administration	2
2022-23	Data analysis and Business Modelling (Laboratory)	BA5211	Core Course	PG	Master of Business Administration	2
2022-23	Summer Internship	TM5311	Core Course	PG	MBA (Tourism Management)	2
2022-23	Project Work	TM5411	Core Course	PG	MBA (Tourism Management)	12
2022-23	Data analysis for Tourism (Laboratory)	TM5211	Core Course	PG	MBA (Tourism Management)	2
2022-23	Project Phase I	RG5311	Core Course	PG	Remotesensing and Geomatics	2
2022-23	Practical Training	RG5312	Core Course	PG	Remotesensing and Geomatics	6
2022-23	Project Phase II	RG5411	Core Course	PG	Remotesensing and Geomatics	12
2022-23	Design Studio	SF5311	Core Course	PG	Soil Mechanics and Fournation Engineering	2
2022-23	Practical Training (2 weeks)	SF5312	Core Course	PG	Soil Mechanics and Fournation Engineering	1
2022-23	Project Phase I	SF5313	Core Course	PG	Soil Mechanics and Fournation Engineering	6
2022-23	Project Phase II	SF5411	Core Course	PG	Soil Mechanics and Fournation Engineering	12
2022-23	Technical Seminar	ST5111	Core Course	PG	Structural Engineering	4

2022-23	Structural Design Studio	ST5212	Core Course	PG	Structural Engineering	2
2022-23	Practical Training (4 Weeks)	TE5311	Core Course	PG	Transportation Engineering	2
2022-23	Project Phase I	TE5312	Core Course	PG	Transportation Engineering	6
2022-23	Project Phase II	TE5411	Core Course	PG	Transportation Engineering	12
2022-23	Design Studio	TE5211	Core Course	PG	Transportation Engineering	2
2022-23	Seminar	TE5212	Core Course	PG	Transportation Engineering	1
2022-23	BIOMEDICAL INSTRUMENTATION	EI5002	Elective Course	UG	Electronics and Instrumentation Engineering	3
2022-23	MACHINE LEARNING	EI5014	Elective Course	UG	Electronics and Instrumentation Engineering	3
2022-23	PRINCIPLES OF COMMUNICATION ENGINEERING	EI5017	Elective Course	UG	Electronics and Instrumentation Engineering	3
2022-23	INDUSTRIAL INTERNET OF THINGS	EI5018	Elective Course	UG	Electronics and Instrumentation Engineering	3
2022-23	Creative and Innovative Project	CS6611	Core Course	UG	Computer Science and Engineering	3
2022-23	AESTHETICS OF FILMS	MV5001	Elective Course	PG	Multimedia specialization in Visual Communication	3
2022-23	Geometrical Understanding and Representation	AR5111	Core Course	UG	Architecture	3
2022-23	Art as Cognition and Expression	AR5112	Core Course	UG	Architecture	3
2022-23	Building Components and their Representation	AR5211	Core Course	UG	Architecture	3
2022-23	Diagrammatic Thinking and Representation	AR5212	Core Course	UG	Architecture	3
2022-23	Sustainable Architecture - Historic and Community Perspective	AA5101	Core Course	PG	Architecture	3
2022-23	Climate Change Adaptation and Resilience in Architecture	AA5102	Core Course	PG	Architecture	3
2022-23	Urban Design: Theory and Practice	AA5201	Core Course	PG	Architecture	3
2022-23	Process in Design	AA5202	Core Course	PG	Architecture	3
2022-23	INTERIOR DESIGN	AR5001	Elective Course	UG	Architecture	3
2022-23	ARCHITECTURAL LIGHTING	AA5001	Elective Course	PG	Architecture	3
2022-23	PERFORMANCE EVALUATION OF BUILDINGS	AA5022	Elective Course	PG	Architecture	3
2022-23	URBAN CONSERVATION AND REGENERATION	AA5008	Elective Course	PG	Architecture	3
2022-23	URBAN INFRASTRUCTURE AND MANAGEMENT	AA5024	Elective Course	PG	Architecture	3
2022-23	PSYCHOLOGY OF LEARNING AND DEVELOPMENT	AA5012	Elective Course	PG	Architecture	3

2022-23	EXPLORATIONS IN ARCHITECTURAL FORM	AA5027	Elective Course	PG	Architecture	3
2022-23	EMERGING PRACTICES IN HOUSING	AA5009	Elective Course	PG	Architecture	3
2022-23	ENVIRONMENTAL IMPACT ASSESSMENT	AA5025	Elective Course	PG	Architecture	3
2022-23	ARCHITECTURAL JOURNALISM AND PHOTOGRAPHY	AA5026	Elective Course	PG	Architecture	3
2022-23	PRODUCT DESIGN	AR5002	Elective Course	UG	Architecture	3
2022-23	SUSTAINABLE DESIGN	AR5006	Elective Course	UG	Architecture	3
2022-23	EARTHQUAKE RESISTANT ARCHITECTURE	AR5008	Elective Course	UG	Architecture	3
2022-23	CONSTRUCTION TECHNOLOGY	AR5009	Elective Course	UG	Architecture	3
2022-23	MATERIAL TESTING AND CHARACTERIZATION	MN5001	Elective Course	PG	Manufacturing Engineering	3
2022-23	MANUFACTURING METROLOGY	MN5007	Elective Course	PG	Manufacturing Engineering	3
2022-23	MECHATRONICS IN MANUFACTURING SYSTEMS	MN5073	Elective Course	PG	Manufacturing Engineering	3
2022-23	COMPUTER AIDED PRODUCT DESIGN	MN5002	Elective Course	PG	Manufacturing Engineering	3
2022-23	PROCESSING OF POLYMERS AND COMPOSITES	MN5011	Elective Course	PG	Manufacturing Engineering	3
2022-23	SURFACE ENGINEERING AND COATINGS	MN5013	Elective Course	PG	Manufacturing Engineering	3
2022-23	ADVANCED WELDING TECHNOLOGY	MN5006	Elective Course	PG	Manufacturing Engineering	3
2022-23	MANUFACTURING OF AUTOMOTIVE COMPONENTS	MN5012	Elective Course	PG	Manufacturing Engineering	3
2022-23	ADVANCED CASTING TECHNOLOGY	MN5014	Elective Course	PG	Manufacturing Engineering	3
2022-23	MICROCONTROLLERS	MR5211	Core Course	PG	Mechatronics	2
2022-23	INDUSTRY 4.0 AND INTERNET OF THINGS	MR5072	Elective Course	PG	Mechatronics	3
2022-23	COMPUTER AIDED INSPECTION	MR5001	Elective Course	PG	Mechatronics	3
2022-23	MODELLING AND FINITE ELEMENT ANALYSIS OF ELECTROMECHANICAL SYSTEMS	MR5001	Elective Course	PG	Mechatronics	3
2022-23	INDUSTRIAL ROBOTICS	MR5071	Elective Course	PG	Mechatronics	3
2022-23	Rural Community Engagement	BA5261	Core Course	PG	MASTER OF BUSINESS ADMINISTRATION	2
2022-23	MICRO AND SMALL BUSINESS MANAGEMENT	BA5073	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3

2022-23	SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT	BA5001	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	BANKING AND FINANCIAL SERVICES	BA5003	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	BUSINESS ANALYSIS AND VALUATION	BA5006	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	SUPPLY CHAIN MANAGEMENT	BA5010	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	SERVICES OPERATIONS MANAGEMENT	BA5013	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	PROJECT MANAGEMENT	BA5016	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	CONSUMER BEHAVIOR	BA5021	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	INTEGRATED MARKETING COMMUNICATIONS	BA5022	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	PRODUCT AND BRAND MANAGEMENT	BA5025	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	STRATEGIC HUMAN RESOURCE MANAGEMENT	BA5029	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	INDUSTRIAL RELATIONS AND LABOUR LEGISLATIONS	BA5030	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	MANAGERIAL BEHAVIOR AND EFFECTIVENESS	BA5033	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	DATA MINING FOR BUSINESS INTELLIGENCE	BA5074	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	BIG DATA ANALYTICS	BA5075	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	DEEP LEARNING AND ARTIFICIAL INTELLIGENCE	BA5076	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	FINANCIAL MARKETS	BA5002	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	LEAN SIX SIGMA	BA5018	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	DIGITAL MARKETING	BA5026	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	SOCIAL MEDIA WEB ANALYTICS	BA5045	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	INTELLECTUAL PROPERTY RIGHTS	BA5050	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	SUSTAINABLE MANAGEMENT	BA5051	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	ENTREPRENEURSHIP DEVELOPMENT	BA5071	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3
2022-23	CORPORATE GOVERNANCE	BA5072	Elective Course	PG	MASTER OF BUSINESS ADMINISTRATION	3

2022-23	ENVIRONMENTAL HEALTH AND SAFETY IN INDUSTRIES	CL5025	Elective Course	PG	chemical Engineering	3
2022-23	ENVIRONMENTAL NANOTECHNOLOGY	CL5024	Elective Course	PG	chemical Engineering	3
2022-23	DISASTER COMMUNICATION	EA5022	Elective Course	PG	Electronic Media	3
2022-23	TELEVISION COMMERCIALS	EA5013	Elective Course	PG	Electronic Media	3
2022-23	MACHINE LEARNING	MR5018	Elective Course	PG	Mechatronics	3
2022-23	MULTI-BODY DYNAMICS	MR5005	Elective Course	PG	Mechatronics	3
2022-23	COMPUTER VISION AND DEEP LEARNING	MR5012	Elective Course	PG	Mechatronics	3
2022-23	MICRO AND NANO SYSTEMS	MR5004	Elective Course	PG	Mechatronics	3
2022-23	MOBILE ROBOTICS	MR5015	Elective Course	PG	Mechatronics	3
2022-23	APPLIED SIGNAL PROCESSING	MR5008	Elective Course	PG	Mechatronics	3
2022-23	MEDIA MANAGEMENT FOR TOURISM	TM5014	Elective Course	PG	Tourism Management	3
2022-23	CULTURE AND HERITAGE	TM5003	Elective Course	PG	Tourism Management	3
2022-23	ACCOMMODATION AND HOUSE KEEPING MANAGEMENT	TM5005	Elective Course	PG	Tourism Management	3
2022-23	TRAVEL MEDIA AND PUBLIC RELATIONS	TM5006	Elective Course	PG	Tourism Management	3
2022-23	DESTINATION PLANNING AND MANAGEMENT	TM5006	Elective Course	PG	Tourism Management	3
2022-23	LEISURE AND RECREATION MANAGEMENT	TM5009	Elective Course	PG	Tourism Management	3
2022-23	MEDICAL TOURISM	TM5010	Elective Course	PG	Tourism Management	3
2022-23	INTERNATIONAL TOURISM	TM5001	Elective Course	PG	Tourism Management	3
2022-23	TOURISM PRODUCTS IN INDIA	TM5004	Elective Course	PG	Tourism Management	3
2022-23	TOUR OPERATIONS	TM5008	Elective Course	PG	Tourism Management	3
2022-23	DIGITAL MANUFACTURING	MR5002	Elective Course	PG	Mechatronics	3
2022-23	MACHINE VISION	MR5013	Elective Course	PG	Mechatronics	3
2022-23	Digital System Design	EI5402	Core Course	UG	Electronics and Instrumentation Engineering	4
2022-23	Instrument Transducers	EI5403	Core Course	UG	Electronics and Instrumentation Engineering	3
2022-23	Electrical and Electronic Measurements	EI5404	Core Course	UG	Electronics and Instrumentation Engineering	3
2022-23	Sensors and Signal Conditioning Circuits Laboratory	EI5411	Core Course	UG	Electronics and Instrumentation Engineering	2
2022-23	Electronics for Analog Signal Processing- I	EI5201	Core Course	UG	Electronics and Instrumentation Engineering	3
2022-23	Analog Signal Processing Laboratory	EI5211	Core Course	UG	Electronics and Instrumentation Engineering	2

2022-23	Transducers and Smart Instruments	IN5101	Core Course	PG	Instrumentation Engineering	3
2022-23	Advanced Instrumentation Systems	IN5102	Core Course	PG	Instrumentation Engineering	3
2022-23	Advanced Digital Signal Processing	IN5103	Core Course	PG	Instrumentation Engineering	3
2022-23	Process Control: Design and Analysis	IN5104	Core Course	PG	Instrumentation Engineering	3
2022-23	Process Control and Instrumentation Laboratory	IN5111	Core Course	PG	Instrumentation Engineering	2
2022-23	PHASE EQUILIBRIA OF CERAMICS	CT5021	Elective Course	UG	Ceramic Technology	3
2022-23	SOL-GEL SCIENCE	CT5010	Elective Course	UG	Ceramic Technology	3
2022-23	THERMOPLASTIC ELASTOMERS	RT5010	Elective Course	PG	Rubber Technology	3
2022-23	POLYMER PRODUCT DESIGN	RT5002	Elective Course	PG	Rubber Technology	3
2022-23	MICROWAVE PROCESSING OF CERAMICS	CT5018	Elective Course	UG	Ceramic Technology	3
2022-23	MECHANICAL BEHAVIOR OF CERAMICS	CT5024	Elective Course	UG	Ceramic Technology	3
2022-23	PETROLEUM REFINING AND PETROCHEMICALS	CH5007	Elective Course	UG	Chemical Engineering	3
2022-23	CHEMICAL PROCESS DESIGN	CH5010	Elective Course	UG	Chemical Engineering	3
2022-23	ELECTROCHEMICAL ENGINEERING	CH5002	Elective Course	UG	Chemical Engineering	3
2022-23	MODERN SEPARATION TECHNIQUES	CH5005	Elective Course	UG	Chemical Engineering	3
2022-23	INDUSTRIAL PROCESS PLANT SAFETY	CH5013	Elective Course	UG	Chemical Engineering	3
2022-23	PROCESS ENGINEERING ECONOMICS	CH5015	Elective Course	UG	Chemical Engineering	3
2022-23	TECHNOLOGY OF PLANTATION CROPS AND SPICES	FT5006	Elective Course	UG	Food Technology	3
2022-23	POLYMER WASTE MANAGEMENT	RT5009	Elective Course	PG	Rubber Technology	3
2022-23	POLYMER COLLOIDS AND LATEX TECHNOLOGY	RT5013	Elective Course	PG	Rubber Technology	3
2022-23	BAKING AND CONFECTIONERY TECHNOLOGY	FT5009	Elective Course	UG	Food Technology	3
2022-23	FOOD ALLERGENS AND TOXICOLOGY	FT5012	Elective Course	UG	Food Technology	3
2022-23	Speciality Printing	PT5018	Elective Course	UG	Printing and Packaging Technology	3
2022-23	Package Design and Development	PG5101	Core Course	PG	Printing and packaging Technology	3

2022-23	Research Methodology and IPR	RM5151	Core Course	PG	Printing and packaging Technology	3
2022-23	Packaging Laws and Regulations	PG5201	Core Course	PG	Printing and packaging Technology	3
2022-23	WASTE MANAGEMENT AND ENERGY RECOVERY	EV5007	Elective Course	PG	Environmental Science and Technology	3
2022-23	ENVIRONMENTAL POLICIES AND LEGISLATION	CL5020	Elective Course	PG	chemical Engineering	3
2022-23	RISK ANALYSIS AND HAZOP	CL5027	Elective Course	PG	chemical Engineering	3
2022-23	FLAVOUR TECHNOLOGY	FD5005	Elective Course	PG	Food Technology	3
2022-23	SENSORY ATTRIBUTES AND EVALUATION OF FOODS	FD5007	Elective Course	PG	Food Technology	3
2022-23	CEREAL & GRAIN PROCESS TECHNOLOGY	FD5010	Elective Course	PG	Food Technology	3
2022-23	ADVANCED FOOD MICROBIAL ANALYSIS	FD5016	Elective Course	PG	Food Technology	3
2022-23	APPLICATIONS OF ENZYMES IN FOOD INDUSTRY	FD5017	Elective Course	PG	Food Technology	3
2022-23	DAIRY PROCESS ENGINEERING	FD5008	Elective Course	PG	Food Technology	3
2022-23	BEVERAGE TECHNOLOGY	FD5015	Elective Course	PG	Food Technology	3
2022-23	FUNCTIONAL FOODS	FD5006	Elective Course	PG	Food Technology	3
2022-23	ADVANCED FOOD FERMENTATION TECHNOLOGY	FD5018	Elective Course	PG	Food Technology	3
2022-23	FAT AND OIL TECHNOLOGY	FD5009	Elective Course	PG	Food Technology	3
2022-23	BY-PRODUCT UTILIZATION IN FOOD INDUSTRIES	FD5022	Elective Course	PG	Food Technology	3
2022-23	MODERN FOOTWEAR STYLING	FW5007	Elective Course	PG	Footwear Science and Engineering	3
2022-23	ORGANIZATION AND MANAGEMENT OF FOOTWEAR SECTOR	FW5008	Elective Course	PG	Footwear Science and Engineering	3
2022-23	QUALITY CONTROL MANAGEMENT IN FOOTWEAR INDUSTRIES	FW5011	Elective Course	PG	Footwear Science and Engineering	3
2022-23	TECHNOLOGY FOR SPECIALTY AND NON LEATHER FOOTWEAR	FW5012	Elective Course	PG	Footwear Science and Engineering	3
2022-23	FOOTWEAR PERFORMANCE AND CUSTOMER SERVICES	FW5002	Elective Course	PG	Footwear Science and Engineering	3
2022-23	DESIGN OF INDUSTRIAL VENTILATION	IH5009	Elective Course	PG	Footwear Science and Engineering	3
2022-23	SAFETY IN MATERIAL HANDLING	IH5002	Elective Course	PG	Footwear Science and Engineering	3
2022-23	SAFETY IN ENGINEERING INDUSTRY	IH5004	Elective Course	PG	Footwear Science and Engineering	3

2022-23	SAFETY IN CHEMICAL INDUSTRY	IH5012	Elective Course	PG	Footwear Science and Engineering	3
2022-23	ELECTRICAL SAFETY	IH5019	Elective Course	PG	Footwear Science and Engineering	3
2022-23	DISASTER AND INCIDENT MANAGEMENT	IH5024	Elective Course	PG	Footwear Science and Engineering	3
2022-23	MARKETING OF LEATHER AND LEATHER CHEMICALS	LE5007	Elective Course	PG	Leather Technology	3
2022-23	TANNERY WASTE MANAGEMENT AND ENGINEERING	LE5011	Elective Course	PG	Leather Technology	3
2022-23	ADVANCED LEATHER BIOTECHNOLOGY	LE5002	Elective Course	PG	Leather Technology	3
2022-23	GREEN CHEMISTRY APPROACHES AND PRINCIPLES	LE5006	Elective Course	PG	Leather Technology	3
2022-23	PROCESSING AND PROPERTIES OF NANOSTRUCTURED MATERIALS	NT5003	Elective Course	PG	Nano Science and Technology	3
2022-23	NANOTECHNOLOGY IN HEALTH CARE	NT5013	Elective Course	PG	Nano Science and Technology	3
2022-23	NANOCOMPOSITE MATERIALS	NT5001	Elective Course	PG	Nano Science and Technology	3
2022-23	NANOMATERIALS FOR ENERGY AND ENVIRONMENT	NT5002	Elective Course	PG	Nano Science and Technology	3
2022-23	NANOELECTRONICS AND SENSORS	NT5006	Elective Course	PG	Nano Science and Technology	3
2022-23	ADVANCED DRUG DELIVERY SYSTEMS	NT5010	Elective Course	PG	Nano Science and Technology	3
2022-23	SATELLITE COMMUNICATION	NE5014	Elective Course	PG	COMMUNICATION AND NETWORKING	3
2022-23	SPREAD SPECTRUM TECHNIQUES AND APPLICATIONS	NE5016	Elective Course	PG	COMMUNICATION AND NETWORKING	3
2022-23	ELECTROMAGNETIC INTERFERENCE AND ELECTROMAGNETIC COMPATIBILITY	NE5072	Elective Course	PG	COMMUNICATION AND NETWORKING	3
2022-23	GAME THEORY FOR WIRELESS COMMUNICATION AND NETWORKING	NE5073	Elective Course	PG	COMMUNICATION AND NETWORKING	3
2022-23	IMAGE ANALYSIS AND COMPUTER VISION	NE5074	Elective Course	PG	COMMUNICATION AND NETWORKING	3
2022-23	INFORMATION THEORY AND CODING	NE5075	Elective Course	PG	COMMUNICATION AND NETWORKING	3
2022-23	IOT FUNDAMENTALS	NE5076	Elective Course	PG	COMMUNICATION AND NETWORKING	3
2022-23	MICROWAVES AND RADAR	NE5077	Elective Course	PG	COMMUNICATION AND NETWORKING	3



2022-23	PATTERN RECOGNITION AND MACHINE LEARNING	NE5078	Elective Course	PG	COMMUNICATION AND NETWORKING	3
2022-23	VLSI DESIGN TECHNIQUES	NE5080	Elective Course	PG	COMMUNICATION AND NETWORKING	3
2022-23	Digital Communication Techniques	NE5101	Core Course	PG	COMMUNICATION AND NETWORKING	3
2022-23	Advanced Optical Communication	NE5102	Core Course	PG	COMMUNICATION AND NETWORKING	3
2022-23	High Performance Computer Networks	NE5103	Core Course	PG	COMMUNICATION AND NETWORKING	3
2022-23	Communication and Signal Processing Laboratory	NE5111	Core Course	PG	COMMUNICATION AND NETWORKING	3
2022-23	RF Engineering	NE5151	Core Course	PG	COMMUNICATION AND NETWORKING	3
2022-23	Network Security	NE5201	Core Course	PG	COMMUNICATION AND NETWORKING	3
2022-23	Wireless Mobile communication	NE5202	Core Course	PG	COMMUNICATION AND NETWORKING	3
2022-23	SOC DESIGN FOR EMBEDDED SYSTEM	VE5003	Elective Course	PG	VLSI DESIGN AND EMBEDDED SYSTEMS	3
2022-23	SOC DESIGN FOR EMBEDDED SYSTEM	VE5004	Elective Course	PG	VLSI DESIGN AND EMBEDDED SYSTEMS	3
2022-23	SOC DESIGN FOR EMBEDDED SYSTEM	VE5011	Elective Course	PG	VLSI DESIGN AND EMBEDDED SYSTEMS	3
2022-23	SOC DESIGN FOR EMBEDDED SYSTEM	VE5013	Elective Course	PG	VLSI DESIGN AND EMBEDDED SYSTEMS	3
2022-23	ROBOTICS	VE5017	Elective Course	PG	VLSI DESIGN AND EMBEDDED SYSTEMS	3
2022-23	VLSI SIGNAL PROCESSING TECHNIQUES	VE5071	Elective Course	PG	VLSI DESIGN AND EMBEDDED SYSTEMS	3
2022-23	Real Time Embedded System Design	VE5104	Elective Course	PG	VLSI DESIGN AND EMBEDDED SYSTEMS	3
2022-23	Hardware-Software Co-design of Embedded system	VE5202	Core Course	PG	VLSI DESIGN AND EMBEDDED SYSTEMS	3
2022-23	Embedded Automation	VE5203	Core Course	PG	VLSI DESIGN AND EMBEDDED SYSTEMS	3
2022-23	CMOS Analog IC Design	VE5251	Core Course	PG	VLSI DESIGN AND EMBEDDED SYSTEMS	3
2022-23	MICRO ELECTRO MECHANICAL SYSTEM FOR WIRELESS COMMUNICATION	WT5005	Elective Course	PG	WIRELESS TECHNOLOGIES	3
2022-23	MULTIMEDIA COMPRESSION TECHNIQUES	WT5008	Elective Course	PG	WIRELESS TECHNOLOGIES	3
2022-23	ULTRA WIDEBAND COMMUNICATION	WT5009	Elective Course	PG	WIRELESS TECHNOLOGIES	3
2022-23	ADVANCED ANTENNA SYSTEMS	WT5012	Elective Course	PG	WIRELESS TECHNOLOGIES	3

2022-23	Wireless Broadband Networks	WT5101	Core Course	PG	WIRELESS TECHNOLOGIES	3
2022-23	Wireless Sensor Network Design	WT5151	Core Course	PG	WIRELESS TECHNOLOGIES	3
2022-23	Access Technologies	WT5201	Core Course	PG	WIRELESS TECHNOLOGIES	3
2022-23	Free Space Optical Communication	WT5202	Core Course	PG	WIRELESS TECHNOLOGIES	3
2022-23	Principles of Network Security	WT5203	Core Course	PG	WIRELESS TECHNOLOGIES	3
2022-23	TOTAL STATION AND GPS SURVEYING	GI5551	Elective Course	UG	Geoinformatics	3
2022-23	LASER IN MEDICINE	MY5001	Elective Course	PG	Applied Physics	4
2022-23	AUTOMOTIVE EMBEDDED SYSTEM	ET5072	Elective Course	PG	Embedded System Technologies	3
2022-23	UNMANNED AERIAL VEHICLE	ET5014	Elective Course	PG	Embedded System Technologies	3
2022-23	PRINCIPLES OF ELECTRIC POWER TRANSMISSION	HV5075	Elective Course	PG	High Voltage Engineering	3
2022-23	APPLICATION OF DSP TO POWER SYSTEM PROTECTION	PS5072	Elective Course	PG	Power Systems Engineering	3
2022-23	WIND ENERGY CONVERSION SYSTEM	PS5076	Elective Course	PG	Power Systems Engineering	3
2022-23	ELECTROMAGNETIC INTERFERENCE AND COMPATIBILITY	HV5073	Elective Course	PG	High Voltage Engineering	3
2022-23	Socially Relevant Project	CA5313	Core Course	PG	Master of Computer Applications	1
2022-23	MACHINE LEARNING TECHNIQUES LABORATORY	CA5314	Core Course	PG	Master of Computer Applications	2
2022-23	Data Science	CA5401	Core Course	PG	Master of Computer Applications	3
2022-23	Embedded Systems and Internet of Things	CA5402	Core Course	PG	Master of Computer Applications	3
2022-23	Cloud Computing	CA5403	Core Course	PG	Master of Computer Applications	3
2022-23	MOBILE APPLICATION DEVELOPMENT LABORATORY	CA5511	Core Course	PG	Master of Computer Applications	3
2022-23	OPEN SOURCE TECHNOLOGIES	IF5002	Elective Course	PG	Information Technology	4
2022-23	CRYPTOGRAPHY AND INFORMATION SECURITY	IF5004	Elective Course	PG	Information Technology	4
2022-23	MACHINE LEARNING TECHNIQUES	IF5007	Elective Course	PG	Information Technology	4
2022-23	DATA WAREHOUSING AND DATA MINING	IF5010	Elective Course	PG	Information Technology	4
2022-23	CYBER FORENSICS	IF5013	Elective Course	PG	Information Technology	4
2022-23	BLOCKCHAIN TECHNOLOGIES	IF5015	Elective Course	PG	Information Technology	4
2022-23	ADVANCED DATABASE SYSTEMS	IF5017	Elective Course	PG	Information Technology	4
2022-23	ARTIFICIAL INTELLIGENCE	IF5072	Elective Course	PG	Information Technology	3

2022-23	BUILDING INTERNET OF THINGS	IF5074	Elective Course	PG	Information Technology	4
2022-23	COMPUTER VISION	IF5075	Elective Course	PG	Information Technology	4
2022-23	DEEP LEARNING	IF5076	Elective Course	PG	Information Technology	4
2022-23	DIGITAL IMAGE PROCESSING TECHNIQUES	IF5077	Elective Course	PG	Information Technology	4
2022-23	NEXT GENERATION WIRELESS NETWORKS	IF5082	Elective Course	PG	Information Technology	3
2022-23	SOFTWARE ARCHITECTURE AND PRINCIPLES	IF5084	Elective Course	PG	Information Technology	3
2022-23	VIDEO PROCESSING AND ANALYTICS	IF5085	Elective Course	PG	Information Technology	4
2022-23	MOBILE APPLICATION DEVELOPMENT	IF5088	Elective Course	PG	Information Technology	4
2022-23	UNIX INTERNALS	IF5089	Elective Course	PG	Information Technology	3
2022-23	Advanced Networks	IF5101	Core Course	PG	Information Technology	4
2022-23	Advanced Data Structures and Algorithmics	IF5151	Core Course	PG	Information Technology	4
2022-23	Web Technologies	IF5152	Core Course	PG	Information Technology	3
2022-23	Industrial Training /Internship	MF5512	Core Course	UG	Manufacturing Engineering	2
2022-23	Additive Manufacturing	MF5652	Core Course	UG	Manufacturing Engineering	3
2022-23	CNC Machine Tools	MF5601	Core Course	UG	Manufacturing Engineering	3
2022-23	Non Destructive Testing: Theory and Practice	MF5001	Elective Course	UG	Manufacturing Engineering	3
2022-23	Solid Freeform Manufacturing	CI5151	Core Course	PG	Computer Integrated Manufacturing	3
2022-23	Advances in Welding and Casting Technology	CI5002	Elective Course	PG	Computer Integrated Manufacturing	3
2022-23	PRODUCT LIFE CYCLE MANAGEMENT	ME5083	Elective Course	UG	Mechanical Engineering	3
2022-23	AUTOMOBILE ENGINEERING	ME5071	Elective Course	UG	Mechanical Engineering	3
2022-23	PRODUCT DESIGN AND DEVELOPMENT	ME5082	Elective Course	UG	Mechanical Engineering	3
2022-23	MOLECULAR IMAGING TECHNIQUES	MY5004	Elective Course	PG	Applied Physics	4
2022-23	PHYSICS OF THE ATMOSPHERE	MY5011	Elective Course	PG	Applied Physics	4
2022-23	RADIATION PHYSICS AND DOSIMETRY	MY5006	Elective Course	PG	Applied Physics	4
2022-23	ADVANCED ORGANIC CHEMISTRY	CX5001	Elective Course	PG	Chemistry	4
2022-23	CONCEPTS AND TECHNIQUES IN CATALYSIS	CX5006	Elective Course	PG	Chemistry	4

2022-23	PRODUCT INNOVATION AND DEVELOPMENT	QE5073	Elective Course	PG	Quality Engineering and Management	3
2022-23	OPERATIONS AND INVENTORY MANAGEMENT	QE5002	Elective Course	PG	Quality Engineering and Management	3
2022-23	PRODUCT DESIGN AND VALUE ENGINEERING	QE5004	Elective Course	PG	Quality Engineering and Management	3
2022-23	MODERN MANUFACTURING MANAGEMENT CONCEPTS	QE5008	Elective Course	PG	Quality Engineering and Management	3
2022-23	SOFTWARE QUALITY ENGINEERING	QE5074	Elective Course	PG	Quality Engineering and Management	3
2022-23	Engineering Management	GE5552	Core Course	UG	Mining Engineering	3
2022-23	Mine Legislation and Safety	MI5701	Core Course	UG	Mining Engineering	3
2022-23	Mine Planning and Design	MI5702	Core Course	UG	Mining Engineering	3
2022-23	APPLIED ROCK ENGINEERING (RMGC-II)	MI5001	Elective Course	PG	Mining Engineering	3
2022-23	Small Scale Mining and Marine Mining	MI5008	Elective Course	PG	Mining Engineering	3
2022-23	Drilling and Blasting Engineering	MI5010	Elective Course	PG	Mining Engineering	3
2022-23	Rock Excavation Engineering	MI5011	Elective Course	PG	Mining Engineering	3
2022-23	Advanced Rock Blasting Technology	MI5012	Elective Course	PG	Mining Engineering	3
2022-23	Environmental Management for Sustainable Mining	MI5013	Elective Course	PG	Mining Engineering	3
2022-23	Mine Economics and Investment	GE5003	Elective Course	PG	Mining Engineering	3
2022-23	DISPLAY AND SIGNAGE PRINTING	PT5002	Elective Course	UG	Printing and Packaging Technology	3
2022-23	3D PRINTING	PT5006	Elective Course	UG	Printing and Packaging Technology	3
2022-23	Book Publishing	PT5009	Elective Course	UG	Printing and Packaging Technology	3
2022-23	Advertising Techniques	PT5010	Elective Course	UG	Printing and Packaging Technology	3
2022-23	Visual Communication	PT5012	Elective Course	UG	Printing and Packaging Technology	3
2022-23	Printed Electronics	PT5014	Elective Course	UG	Printing and Packaging Technology	3
2022-23	Security Printing	PT5015	Elective Course	UG	Printing and Packaging Technology	3
2022-23	Packaging Applications	PT5017	Elective Course	UG	Printing and Packaging Technology	3
2022-23	Creativity and Innovation in Printing and Packaging	PT5020	Elective Course	UG	Printing and Packaging Technology	3
2022-23	Entrepreneurship Development	ME5075	Elective Course	UG	Printing and Packaging Technology	3

2022-23	FOOD INGREDIENTS AND ADDITIVES	FT5017	Elective Course	UG	Food Technology	3
2022-23	Embedded System Laboratory	IN5112	Core Course	PG	Instrumentation Engineering	3
2022-23	Advanced Process Control	IN5201	Core Course	PG	Instrumentation Engineering	3
2022-23	Instrumentation System Design	IN5202	Core Course	PG	Instrumentation Engineering	3
2022-23	Applied Machine Learning	IN5203	Core Course	PG	Instrumentation Engineering	3
2022-23	Industrial Automation Laboratory	IN5211	Core Course	PG	Instrumentation Engineering	3
2022-23	Advanced Process Control Laboratory	IN5212	Core Course	PG	Instrumentation Engineering	2
2022-23	MICROCONTROLLER BASED SYSTEM DESIGN	PE5071	Elective Course	PG	Power Electronics and Drives	3
2022-23	CONTROL OF ELECTRICAL DRIVES	CO5072	Elective Course	PG	Control and Instrumentation Engineering	3
2022-23	ELECTRIC VEHICLES AND POWER MANAGEMENT	PW5071	Elective Course	PG	Power Engineering and Management	3
2022-23	Advanced Manufacturing Processes Laboratory	MN5111	Core Course	PG	Manufacturing Engineering	2
2022-23	Mechatronics and Robotics Laboratory	MN5112	Core Course	PG	Manufacturing Engineering	2
2022-23	Modelling and Simulation Laboratory	MN5211	Core Course	PG	Manufacturing Engineering	2
2022-23	Automation Laboratory	MN5212	Core Course	PG	Manufacturing Engineering	2
2022-23	Mini Project with Seminar	MN5213	Core Course	PG	Manufacturing Engineering	1
2022-23	Quality System Design Project	QE5212	Core Course	PG	Quality Engineering and Management	2
2022-23	Applied Quality Engineering	QE5101	Core Course	PG	Quality Engineering and Management	4
2022-23	Measurement Systems	QE5101	Core Course	PG	Quality Engineering and Management	4
2022-23	Measurement Laboratory	QE5111	Core Course	PG	Quality Engineering and Management	2
2022-23	Quality By Design	QE5201	Core Course	PG	Quality Engineering and Management	4
2022-23	Quality Management	QE5202	Core Course	PG	Quality Engineering and Management	4
2022-23	Quality Analytics Laboratory	QE5211	Core Course	PG	Quality Engineering and Management	3
2022-23	MATERIALS MANAGEMENT	QE5072	Elective Course	PG	Quality Engineering and Management	3
2022-23	OPERATIONS SCHEDULING	QE5007	Elective Course	PG	Quality Engineering and Management	3
2022-23	Dissertation I	SE5311	Core Course	PG	Software Engineering	6
2022-23	Dissertation II	SE5411	Core Course	PG	Software Engineering	12

2022-23	Seminar II	CG5211	Core Course	PG	Crystal Science	1
2022-23	Dissertation	CG5212	Core Course	PG	Crystal Science	16
2022-23	Dissertation	MX5211	Core Course	PG	Mathematics	16
2022-23	Planning Studio III	TP5311	Core Course	PG	Planning	5
2022-23	Thesis	TP5312	Core Course	PG	Planning	5
2022-23	Internship Training	TP5313	Core Course	PG	Planning	2
2022-23	Thesis	TP5411	Core Course	PG	Planning	11
2022-23	Planning Studio I	TP5112	Core Course	PG	Planning	5
2022-23	Planning Studio II	TP5211	Core Course	PG	Planning	5
2022-23	Dissertation	AC5411	Core Course	PG	Applied Chemistry	12
2022-23	Seminar	AC5212	Core Course	PG	Applied Chemistry	1
2022-23	Dissertation	AG5411	Core Course	PG	Applied Geology	12
2022-23	Seminar	AG5213	Core Course	PG	Applied Geology	1
2022-23	Industrial Project	EA5311	Core Course	PG	Electronic Media	2
2022-23	Mini Research Project and Seminar	EA5312	Core Course	PG	Electronic Media	2
2022-23	Dissertation	EA5411	Core Course	PG	Electronic Media	12
2022-23	Industrial Project	XM5601	Core Course	PG	Electronic Media	16
2022-23	Mini Project	XM5813	Core Course	PG	Electronic Media	2
2022-23	Mini Project	XM5911	Core Course	PG	Electronic Media	3
2022-23	Dissertation	XM5091	Core Course	PG	Electronic Media	18
2022-23	Materials Science Lab-III and Mini Project	MC5311	Core Course	PG	Materials Science	3
2022-23	Technical Seminar	MC5312	Core Course	PG	Materials Science	1
2022-23	Dissertation	MC5411	Core Course	PG	Materials Science	12
2022-23	Project Work	MT5411	Core Course	PG	Mathematics	10
2022-23	Seminar	MP5312	Core Course	PG	Medical Physics	1
2022-23	Project Work	MP5411	Core Course	PG	Medical Physics	12
2022-23	Industrial Project (Summer)	MV5314	Core Course	PG	Multimedia specialization in Visual Communication	2
2022-23	Dissertation	MV5411	Core Course	PG	Multimedia specialization in Visual Communication	12
2022-23	Project Phase	BP5313	Core Course	PG	Bio Pharmaceutical Technology	6
2022-23	Project Phase	BP5411	Core Course	PG	Bio Pharmaceutical Technology	12
2022-23	Project Phase	BT5313	Core Course	PG	Biotechnology	6
2022-23	Project Phase	BT5411	Core Course	PG	Biotechnology	12

2022-23	Internship / Training	CR5312	Core Course	PG	Ceramic Technology	1
2022-23	Project Phase I	CR5311	Core Course	PG	Ceramic Technology	6
2022-23	Project Phase II	CR5411	Core Course	PG	Ceramic Technology	12
2022-23	Mini Project and Seminar	CR5213	Core Course	PG	Ceramic Technology	1
2022-23	Project Phase I	CL5311	Core Course	PG	chemical Engineering	6
2022-23	Project Phase II	CL5411	Core Course	PG	chemical Engineering	12
2022-23	Mini Project with Seminar	BC5212	Core Course	PG	Computational Biology	2
2022-23	Project Phase I	EV5311	Core Course	PG	Environmental Science and Technology	6
2022-23	Project Phase II	EV5411	Core Course	PG	Environmental Science and Technology	12
2022-23	Mini Project with Seminar	EV5213	Core Course	PG	Environmental Science and Technology	1
2022-23	HYBRID AND ELECTRIC VEHICLES	IC5005	Elective Course	PG	Internal Combustion Engineering	3
2022-23	Energy Management and Environmental Benefits	EY5151	Core Course	PG	Energy Engineering	3
2022-23	HYDROGEN AND FUEL CELLS	EY5077	Elective Course	PG	Energy Engineering	3
2022-23	ENVIRONMENTAL ENGINEERING AND POLLUTION CONTROL	EY5076	Elective Course	PG	Energy Engineering	3
2022-23	BIO ENERGY TECHNOLOGIES	EY5072	Elective Course	PG	Energy Engineering	3
2022-23	SOLAR REFRIGERATION AND AIR CONDITIONING	RA5071	Elective Course	PG	Thermal Engineering	3
2022-23	FOOD PROCESSING, PRESERVATION AND TRANSPORTATION	RA5010	Elective Course	PG	Thermal Engineering	3
2022-23	Logistics and Supply Chain Management for Manufacturing Systems	MS5203	Core Course	PG	Manufacturing Systems and Management	3
2022-23	SUSTAINABLE AND GREEN MANUFACTURING	MS5010	Elective Course	PG	Manufacturing Systems and Management	3
2022-23	INTEGRATED PRODUCT DESIGN AND PROCESS DEVELOPMENT	MS5011	Elective Course	PG	Manufacturing Systems and Management	3
2022-23	ENGINEMANAGEMENTSYSTEMS	AU5001	Elective Course	UG	Automobile Engineering	3
2022-23	THEORYOFFUELSANDLUBRICANTS	AU5003	Elective Course	UG	Automobile Engineering	3
2022-23	AUTOMOTIVESAFETY	AUAU5005TOMOTIVESAFETY	Elective Course	UG	Automobile Engineering	3
2022-23	HYDRAULICANDPNEUMATICSYSTEMS	AU5009	Elective Course	UG	Automobile Engineering	3
2022-23	VEHICLE CONTROL SYSTEMS	AU5072	Elective Course	UG	Automobile Engineering	3
2022-23	VEHICLE DESIGN	AM5001	Elective Course	PG	Automobile Engineering	3

2022-23	TWO AND THREE WHEELERS	AM5007	Elective Course	PG	Automobile Engineering	3
2022-23	AUTOMOTIVE ELECTRICAL AND ELECTRONICS	AM5071	Elective Course	PG	Automobile Engineering	3
2022-23	MEMBRANE TECHNOLOGY FOR WATER AND WASTE WATER TREATMENT	CL5017	Elective Course	PG	chemical Engineering	3
2022-23	CHEMICAL PROCESSES AND POLLUTION CONTROL	CL5007	Elective Course	PG	chemical Engineering	3
2022-23	THERMAL PROCESSING OF FOOD PRODUCTS	CL5014	Elective Course	PG	chemical Engineering	3
2022-23	PIPING AND INSTRUMENTATION	CL5006	Elective Course	PG	chemical Engineering	3
2022-23	SAFETY AND ENVIRONMENT IN CHEMICAL INDUSTRIES	CL5016	Elective Course	PG	chemical Engineering	3
2022-23	NANOCOMPOSITES	CL5005	Elective Course	PG	chemical Engineering	3
2022-23	PROCESS OPTIMIZATION	CL5012	Elective Course	PG	chemical Engineering	3
2022-23	FLUIDIZATION ENGINEERING	CL5073	Elective Course	PG	chemical Engineering	3
2022-23	ANALYTICAL TECHNIQUES AND METHODS	BC5001	Elective Course	PG	chemical Engineering	3
2022-23	COMPUTATIONAL SYSTEMS BIOLOGY	BC5006	Elective Course	PG	chemical Engineering	3
2022-23	GLASS SCIENCE AND TECHNOLOGY	CR5010	Elective Course	PG	Ceramic Technology	3
2022-23	DESIGN AND SELECTION OF ABRASIVES	CR5008	Elective Course	PG	Ceramic Technology	3
2022-23	SCIENCE OF MATERIALS	CR5018	Elective Course	PG	Ceramic Technology	3
2022-23	REFRACTORY ENGINEERING	CR5017	Elective Course	PG	Ceramic Technology	3
2022-23	SYNTHESIS AND CONSOLIDATION OF NANOMATERIALS	CR5019	Elective Course	PG	Ceramic Technology	3
2022-23	CERAMIC MACHINING & JOINING	CR5006	Elective Course	PG	Ceramic Technology	3
2022-23	HUMAN ASSIST DEVICES	MD5002	Elective Course	PG	MEDICAL ELECTRONICS	3
2022-23	ADVANCED NEURAL COMPUTING	MD5071	Elective Course	PG	MEDICAL ELECTRONICS	3
2022-23	BIO MEMS	MD5072	Elective Course	PG	MEDICAL ELECTRONICS	3
2022-23	MEDICAL OPTICS	MD5078	Elective Course	PG	MEDICAL ELECTRONICS	3
2022-23	NANOMEDICINE PRINCIPLES AND APPLICATIONS	MD5080	Elective Course	PG	MEDICAL ELECTRONICS	3
2022-23	PATTERN RECOGNITION TECHNIQUES AND APPLICATIONS	MD5082	Elective Course	PG	MEDICAL ELECTRONICS	3
2022-23	Hospital Training	MD5311	Core Course	PG	MEDICAL ELECTRONICS	2
2022-23	Database Management Systems Laboratory	CA5112	Core Course	PG	Master of Computer Applications	2



2022-23	C Programming and Data Structures	CA5201	Core Course	PG	Master of Computer Applications	3
2022-23	Operating Systems	CA5202	Core Course	PG	Master of Computer Applications	4
2022-23	Software Engineering	CA5203	Core Course	PG	Master of Computer Applications	3
2022-23	Advances in Databases	CA5204	Core Course	PG	Master of Computer Applications	3
2022-23	Web Programming	CA5205	Core Course	PG	Master of Computer Applications	3
2022-23	Web Programming Laboratory	CA5212	Core Course	PG	Master of Computer Applications	2
2022-23	FULL STACK LABORATORY	CA5213	Core Course	PG	Master of Computer Applications	2
2022-23	ADVANCED CONCRETE TECHNOLOGY	CN5071	Elective Course	PG	Construction Engineering and Management	3
2022-23	PROJECT SAFETY MANAGEMENT	CN5006	Elective Course	PG	Construction Engineering and Management	3
2022-23	RESOURCE MANAGEMENT AND CONTROL IN CONSTRUCTION	CN5009	Elective Course	PG	Construction Engineering and Management	3
2022-23	MEDICAL TEXTILES	TX5016	Elective Course	PG	Textile Technology	3
2022-23	GENETICS	IB5011	Elective Course	UG	Industrial Biotechnology	3
2022-23	BIOPHARMACEUTICAL TECHNOLOGY	IB5005	Elective Course	UG	Industrial Biotechnology	3
2022-23	TISSUE ENGINEERING	IB5024	Elective Course	UG	Industrial Biotechnology	3
2022-23	PROTEIN STRUCTURE AND FUNCTION	IB5025	Elective Course	UG	Industrial Biotechnology	3
2022-23	METABOLIC ENGINEERING	IB5075	Elective Course	UG	Industrial Biotechnology	3
2022-23	PROTECTIVE CLOTHING	TX5017	Elective Course	UG	Textile Technology	3
2022-23	ECO-BENIGN OPTIONS FOR LEATHER PROCESSING	LT5004	Elective Course	UG	Textile Technology	3
2022-23	COMPUTER APPLICATIONS FOR LEATHER AND LEATHER PRODUCTS	LT5017	Elective Course	UG	Textile Technology	3
2022-23	BIOTECHNOLOGY AND ITS APPLICATION IN LEATHER	LT5021	Elective Course	UG	Textile Technology	3
2022-23	ENTREPRENEURSHIP DEVELOPMENT	LT5071	Elective Course	UG	Textile Technology	3
2022-23	TEXTILES IN CIVIL CONSTRUCTION AND TRANSPORTATION	TX5019	Elective Course	UG	Textile Technology	3
2022-23	OFFSHORE DRILLING AND PRODUCTION PRACTICES	AS5017	Elective Course	UG	Petroleum Engineering and Technology	3
2022-23	OIL AND GAS WELL TESTING	AS5016	Elective Course	UG	Petroleum Engineering and Technology	3
2022-23	CHEMICAL REACTION ENGINEERING	IB5073	Elective Course	UG	Industrial Biotechnology	3
2022-23	BIOINFORMATICS	IB5752	Elective Course	UG	Industrial Biotechnology	3

2022-23	TECHNOLOGY OF STERILE DOSAGE FORMS AND DISPERSIONS	PM5020	Elective Course	UG	Petroleum Engineering and Technology	3
2022-23	IMMUNOLOGY	IB5551	Elective Course	UG	Industrial Biotechnology	3
2022-23	COMPUTER AIDED DRUG DESIGN	PM5007	Elective Course	UG	Petroleum Engineering and Technology	3
2022-23	REGULATORY ISSUES IN PHARMACEUTICAL INDUSTRY	PM5021	Elective Course	UG	Petroleum Engineering and Technology	3
2022-23	TEXTILE REINFORCED COMPOSITES	TX5018	Elective Course	PG	Textile Technology	3
2022-23	ENGINEERING AND HIGH PERFORMANCE PLASTICS	RP5005	Elective Course	PG	Rubber Technology	3
2022-23	RUBBER AND PLASTICS TESTING	RP5014	Elective Course	UG	Rubber and Plastics Technology	3
2022-23	FINITE ELEMENT ANALYSIS FOR POLYMERS	RP5006	Elective Course	UG	Rubber and Plastics Technology	3
2022-23	POLYMER RECYCLING	RP5011	Elective Course	UG	Rubber and Plastics Technology	3
2022-23	THEORY OF MACHINES AND MECHANISMS	RP5017	Elective Course	UG	Rubber and Plastics Technology	3
2022-23	POLYMER CHARACTERIZATION TECHNIQUES	RP5018	Elective Course	UG	Rubber and Plastics Technology	3
2022-23	PRODUCTION AND APPLICATION OF SEWING THREADS	AT5072	Elective Course	UG	Apparel Technology	3
2022-23	TECHNICAL TEXTILES	TT5011	Elective Course	UG	Textile Technology	3
2022-23	COLOURATION AND FUNCTIONAL FINISHES	TX5023	Elective Course	UG	Textile Technology	3
2022-23	SMART TEXTILES	TT5015	Elective Course	UG	Textile Technology	3
2022-23	TEXTILE AND APPAREL EXIM MANAGEMENT	TT5073	Elective Course	UG	Textile Technology	3
2022-23	COATED AND LAMINATED TEXTILES	TX5014	Elective Course	UG	Textile Technology	3
2022-23	Environment and Architecture	AR5302	Core Course	UG	Architecture	3
2022-23	Non Structural Building Elements and Finishes	AR5311	Core Course	UG	Architecture	3
2022-23	Digital Drawing, Visualisation and Representation	AR5312	Core Course	UG	Architecture	3
2022-23	Building Construction with Basic Materials	AR5411	Core Course	UG	Architecture	3
2022-23	Site Surveying and Planning	AR5412	Core Course	UG	Architecture	3
2022-23	Research Methodologies for Human Environment	AA5351	Core Course	PG	Architecture	3
2022-23	Introduction to Architecture	AR5101	Core Course	UG	Architecture	3
2022-23	Structural Mechanics	AR5102	Core Course	UG	Architecture	3

2022-23	CONSTRUCTION PROJECT MANAGEMENT	CN5002	Elective Course	PG	Construction Engineering and Management	3
2022-23	ICT IN LANGUAGE TEACHING	EL5002	Elective Course	PG	English	4
2022-23	LITERARY THEORY AND CRITICISM	EL5008	Elective Course	PG	English	4
2022-23	APPLIED COMBINATORICS	MX5006	Elective Course	PG	Mathematics	4
2022-23	ADVANCES IN GRAPH THEORY	MX5004	Elective Course	PG	Mathematics	4
2022-23	FIXED POINT THEORY AND ITS APPLICATIONS	MX5014	Elective Course	PG	Mathematics	4
2022-23	FUZZY SETS AND SYSTEMS	MX5021	Elective Course	PG	Mathematics	4
2022-23	NETWORKS, GAMES AND DECISIONS	MX5035	Elective Course	PG	Mathematics	4
2022-23	MODELING AND SIMULATION	MX5033	Elective Course	PG	Mathematics	4
2022-23	REPRESENTATION THEORY OF FINITE GROUPS	MX5044	Elective Course	PG	Mathematics	4
2022-23	OPTIMIZATION TECHNIQUES	MX5041	Elective Course	PG	Mathematics	4
2022-23	LEAN CONSTRUCTION CONCEPTS, TOOLS AND PRACTICES	CN5013	Elective Course	PG	Construction Engineering and Management	3
2022-23	QUALITY CONTROL AND ASSURANCE IN CONSTRUCTION	CN5015	Elective Course	PG	Construction Engineering and Management	3
2022-23	MAINTENANCE, REPAIR AND REHABILITATION OF STRUCTURES	ST5071	Elective Course	PG	Construction Engineering and Management	3
2022-23	QUANTITATIVE TECHNIQUES IN MANAGEMENT	CN5008	Elective Course	PG	Construction Engineering and Management	3
2022-23	ENVIRONMENTAL IMPACT ASSESSMENT FOR CONSTRUCTION ENGINEERS	CN5014	Elective Course	PG	Construction Engineering and Management	3
2022-23	CLIMATE CHANGE AND MODELLING	EM5071	Elective Course	PG	Environmental Management	3
2022-23	DESIGN OF ENVIRONMENTAL ENGINEERING STRUCTURES	EN5001	Elective Course	PG	Environmental Engineering	3
2022-23	COMPUTING TECHNIQUES IN ENVIRONMENTAL ENGINEERING	EN5005	Elective Course	PG	Environmental Engineering	3
2022-23	ADVANCED OXIDATION PROCESS	EN5009	Elective Course	PG	Environmental Engineering	3
2022-23	MARINE POLLUTION AND CONTROL	EN5071	Elective Course	PG	Environmental Engineering	3
2022-23	WATER QUALITY MODELING	EN5007	Elective Course	PG	Environmental Engineering	3
2022-23	ENVIRONMENTAL MONITORING INSTRUMENTS	EN5003	Elective Course	PG	Environmental Engineering	3
2022-23	MEMBRANE SEPARATION FOR WATER AND WASTEWATER TREATMENT	EN5072	Elective Course	PG	Environmental Engineering	3

2022-23	ENVIRONMENTAL QUALITY MONITORING	EM5003	Elective Course	PG	Environmental Management	3
2022-23	SHORT FILM DEVELOPMENT	MM5003	Elective Course	PG	Information Technology spl multimedia	4
2022-23	ANIMATION TECHNIQUES	MM5004	Elective Course	PG	Information Technology spl multimedia	4
2022-23	Critical writing (Innovation)	AR 5721	Core Course	UG	Architecture	3
2022-23	Project Formulation and Evaluation	TP5301	Core Course	PG	Planning	3
2022-23	DEVELOPMENT MANAGEMENT REGULATIONS	TP5001	Elective Course	PG	Planning	3
2022-23	URBAN DESIGN	TP5007	Elective Course	PG	Planning	3
2022-23	URBAN SUSTAINABILITY	TP5009	Elective Course	PG	Planning	3
2022-23	DISCRETE MATHEMATICS	MT5008	Elective Course	PG	Mathematics	3
2022-23	FUZZY SET THEORY	MT5016	Elective Course	PG	Mathematics	3
2022-23	GRAPH THEORY	MT5018	Elective Course	PG	Mathematics	3
2022-23	MATHEMATICAL STATISTICS	MT5024	Elective Course	PG	Mathematics	3
2022-23	NANO BIOSENSORS	NT5014	Elective Course	PG	Nano Science and Technology	3
2022-23	COMPUTATIONAL FLUID DYNAMICS	CL5071	Elective Course	PG	chemical Engineering	3
2022-23	SEPARATION PROCESS TECHNIQUES	PP5002	Elective Course	PG	Petroleum Refining and Petro-chemicals	3
2022-23	Mini Project with Seminar	IN5213	Core Course	PG	Instrumentation Engineering	2
2022-23	Mini Project with Seminar	PW5212	Core Course	PG	Instrumentation Engineering	3
2022-23	Dissertation I	CP5311	Core Course	PG	Computer Science and Engineering	6
2022-23	Dissertation II	CP5411	Core Course	PG	Computer Science and Engineering	12
2022-23	Dissertation I	SE5311	Core Course	PG	Software Engineering	6
2022-23	Dissertation II	SE5411	Core Course	PG	Software Engineering	12
2022-23	Dissertation I	BD5311	Core Course	PG	Software Engineering Big data Analytics	6
2022-23	Dissertation II	BD5411	Core Course	PG	Software Engineering Big data Analytics	12
2022-23	Dissertation I	OR5311	Core Course	PG	Computer Science and Engineering Operation Research	6
2022-23	Dissertation II	OR5411	Core Course	PG	Computer Science and Engineering Operation Research	12
2022-23	Professional Practices	CP5262	Core Course	PG	Computer Science and Engineering	1
2022-23	PROJECT MANAGEMENT WITH PERT/CPM	OR5003	Elective Course	PG	Computer Science and Engineering Operation Research	4

2022-23	PROJECT WORK	CA 5414	Core Course	PG	Master of Computer Applications	12
2022-23	Mini Project with Seminar	IF5211	Core Course	PG	Information Technology	1
2022-23	Dissertation I	IF5311	Core Course	PG	Information Technology	6
2022-23	Dissertation II	IF5411	Core Course	PG	Information Technology	12
2022-23	Programming and Data Structures Laboratory	IT5311	Core Course	UG	Information Technology	2
2022-23	Database Management Systems Laboratory	IT5312	Core Course	UG	Information Technology	2
2022-23	Operating Systems Laboratory	IT5411	Core Course	UG	Information Technology	2
2022-23	Advanced Data Structures Laboratory	IT5412	Core Course	UG	Information Technology	2
2022-23	SUMMER INTERNSHIP	IT5513	Core Course	UG	Information Technology	2
2022-23	SOCIALLY RELEVANT PROJECT LABORATORY	IT5613	Core Course	UG	Information Technology	1
2022-23	PROJECT I	IT5712	Core Course	UG	Information Technology	2
2022-23	PROJECT II	IT5811	Core Course	UG	Information Technology	8
2022-23	Dissertation I	MM5311	Core Course	PG	Information Technology	6
2022-23	Dissertation II	MM5411	Core Course	PG	Information Technology	12
2022-23	Project Phase I	CL5311	Core Course	PG	chemical Engineering	6
2022-23	Project Phase II	CL5411	Core Course	PG	chemical Engineering	12
2022-23	Project Phase I	TX5311	Core Course	PG	Textile Technology	6
2022-23	Project Phase II	TX5411	Core Course	PG	Textile Technology	12
2022-23	Internship / Training	CR5312	Core Course	PG	Ceramic Technology	1
2022-23	Project Phase I	CR5311	Core Course	PG	Ceramic Technology	6
2022-23	Project Phase II	CR5411	Core Course	PG	Ceramic Technology	12
2022-23	Project Phase II	PP5411	Core Course	PG	Petroleum Refining and Petro-chemicals	12
2022-23	Internship / Training	PL5311	Core Course	PG	polymer Science and Engineering	2
2022-23	Project Phase II	PL5411	Core Course	PG	polymer Science and Engineering	12
2022-23	Project Phase I	EV5311	Core Course	PG	Environmental Science and Technology	6
2022-23	Project Phase II	EV5411	Core Course	PG	Environmental Science and Technology	12
2022-23	Project Phase	BT5313	Core Course	PG	Biotechnology	6
2022-23	Project Phase	BT5411	Core Course	PG	Biotechnology	12
2022-23	Project Phase	BP5313	Core Course	PG	polymer Science and Engineering	6
2022-23	Project Phase	BP5411	Core Course	PG	polymer Science and Engineering	12

2022-23	Project Phase I (Industry/ R&D/Department)	RT5311	Core Course	PG	Rubber Technology	6
2022-23	Project Phase II (Industry/ R&D/Department)	RT5411	Core Course	PG	Rubber Technology	12
2022-23	Internship/Training	LE5311	Core Course	PG	Leather Technology	2
2022-23	Project Phase I	LE5312	Core Course	PG	Leather Technology	6
2022-23	Project Phase II	LE5411	Core Course	PG	Leather Technology	12
2022-23	Internship/Training	FW5311	Core Course	PG	Footwear Science and Engineering	2
2022-23	Project Phase I	FW5312	Core Course	PG	Footwear Science and Engineering	6
2022-23	Project Phase II	FW5411	Core Course	PG	Footwear Science and Engineering	12
2022-23	Internship / Training	FD5313	Core Course	PG	Food Technology	2
2022-23	Project Phase I	FD5314	Core Course	PG	Food Technology	6
2022-23	Project Phase II	FD5411	Core Course	PG	Food Technology	12
2022-23	Internship / Training	IH5311	Core Course	PG	Industrial Safety and Hazards Management	2
2022-23	Project Phase I	IH5312	Core Course	PG	Industrial Safety and Hazards Management	6
2022-23	Project Phase II	IH5411	Core Course	PG	Industrial Safety and Hazards Management	12
2022-23	Mini Project and Seminar	CR5213	Core Course	PG	Ceramic Technology	1
2022-23	Mini Project with Seminar	EV5213	Core Course	PG	Environmental Science and Technology	1
2022-23	Internship / Training	FD5213	Core Course	PG	Food Technology	6
2022-23	Mini Project with Seminar	IH5213	Core Course	PG	Industrial Safety and Hazards Management	2
2022-23	Mini Project with Seminar	BC5212	Core Course	PG	Computational Biology	2
2022-23	Foundational Design Studio	AR5121	Core Course	UG	Architecture	7
2022-23	Basic Space Design Studio	AR5221	Core Course	UG	Architecture	7
2022-23	Critical design studio (Innovation)	AR 5722	Core Course	UG	Architecture	3
2022-23	Thermodynamics and Strength of Materials Laboratory	AE5311	Core Course	UG	Aeronautical Engineering	2
2022-23	Fluid Mechanics Laboratory	AE5312	Core Course	UG	Aeronautical Engineering	1
2022-23	Aerodynamics Laboratory	AE5411	Core Course	UG	Aeronautical Engineering	2
2022-23	Propulsion Laboratory	AE5412	Core Course	UG	Aeronautical Engineering	2
2022-23	Mechanical Sciences Laboratory	AU5361	Core Course	UG	Automobile Engineering	2
2022-23	Vehicle Components Laboratory	AU5411	Core Course	UG	Automobile Engineering	2
2022-23	Fuels and Lubricants Laboratory	AU5412	Core Course	UG	Automobile Engineering	2

2022-23	Engineering Economics	IE5301	Core Course	UG	Industrial Engineering	3
2022-23	ACCOUNTING AND FINANCE FOR MANAGEMENT	IE5003	Core Course	UG	Industrial Engineering	3
2022-23	Machining Technology	MF5301	Core Course	UG	Manufacturing Engineering	3
2022-23	Casting and Welding Technology	MF5401	Core Course	UG	Manufacturing Engineering	3
2022-23	Metrology Laboratory	MF5511	Core Course	UG	Manufacturing Engineering	2
2022-23	Project I	MF5711	Core Course	UG	Manufacturing Engineering	3
2022-23	Project II	MF5811	Core Course	UG	Manufacturing Engineering	8
2022-23	Digital Prepress Laboratory I	PT5311	Core Course	UG	Printing and Packaging Technology	2
2022-23	Digital Prepress Laboratory II	PT5412	Core Course	UG	Printing and Packaging Technology	2
2022-23	Package Design Laboratory	PT5511	Core Course	UG	Printing and Packaging Technology	2
2022-23	Crossmedia Publishing Laboratory	PT5711	Core Course	UG	Printing and Packaging Technology	2
2022-23	Project I	PT5712	Core Course	UG	Printing and Packaging Technology	3
2022-23	Project II	PT5811	Core Course	UG	Printing and Packaging Technology	8
2022-23	Computer Aided Drafting and Machining Laboratory	PR5311	Core Course	UG	Production Engineering	2
2022-23	Material Testing and Thermal Engineering Laboratory	PR5312	Core Course	UG	Production Engineering	2
2022-23	Machining Processes Laboratory	PR5411	Core Course	UG	Production Engineering	2
2022-23	Foundry, Welding and Metallurgy Laboratory	PR5412	Core Course	UG	Production Engineering	2
2022-23	Seminar	MY5211	Core Course	PG	Applied Physics	1
2022-23	Project	MY5212	Core Course	PG	Applied Physics	16
2022-23	Seminar	CX5211	Core Course	PG	Chemistry	1
2022-23	Dissertation	CX5212	Core Course	PG	Chemistry	16
2022-23	Seminar	EL5211	Core Course	PG	English	1
2022-23	Dissertation	EL5212	Core Course	PG	English	16
2022-23	Seminar	PX5111	Core Course	PG	Physics	1
2022-23	Dissertation	PX5211	Core Course	PG	Physics	16
2022-23	Pre-Thesis	AA5311	Core Course	PG	Architecture	3
2022-23	Process Based Design Studio	AA5312	Core Course	PG	Architecture	8
2022-23	Internship Training	AA5313	Core Course	PG	Architecture	2
2022-23	Thesis	AA5411	Core Course	PG	Architecture	12

2022-23	Sustainable Design Studio	AA5111	Core Course	PG	Architecture	8
2022-23	Urban Environment Design Studio	AA5211	Elective Course	PG	Architecture	8
2022-23	Dissertation-I	AL5311	Core Course	PG	Aeronautical Engineering	6
2022-23	Dissertation-II	AL5411	Core Course	PG	Aeronautical Engineering	12
2022-23	Low Speed and High Speed Aerodynamics Laboratory	AL5111	Core Course	PG	Aeronautical Engineering	2
2022-23	Jet Propulsion Laboratory	AL5112	Core Course	PG	Aeronautical Engineering	2
2022-23	Structures Laboratory	AL5211	Core Course	PG	Aeronautical Engineering	2
2022-23	Computation Laboratory	AL5261	Core Course	PG	Aeronautical Engineering	2
2022-23	Mini Project with Seminar	AL5212	Core Course	PG	Aeronautical Engineering	2
2022-23	Dissertation - I	AS5312	Core Course	PG	Aerospace Technology	6
2022-23	Dissertation - II	AS5411	Core Course	PG	Aerospace Technology	12
2022-23	Launch Vehicle Aerodynamics Laboratory	AS5111	Core Course	PG	Aerospace Technology	4
2022-23	Space Propulsion Laboratory	AS5112	Core Course	PG	Aerospace Technology	4
2022-23	Aerospace Structures Laboratory	AS5211	Core Course	PG	Aerospace Technology	4
2022-23	Mini Project with Seminar	AS5212	Core Course	PG	Aerospace Technology	4
2022-23	Dissertation - I	EY5311	Core Course	PG	Energy Engineering	6
2022-23	Dissertation - II	EY5411	Core Course	PG	Energy Engineering	12
2022-23	Dissertation I	AM5311	Core Course	PG	Automobile Engineering	6
2022-23	Dissertation II	AM5411	Core Course	PG	Automobile Engineering	12
2022-23	Engine and Chassis Components Laboratory	AM5111	Core Course	PG	Automobile Engineering	2
2022-23	Design and Modelling of Vehicle Components Laboratory	AM5112	Core Course	PG	Automobile Engineering	2
2022-23	Engine and Vehicle Testing Laboratory	AM5211	Core Course	PG	Automobile Engineering	2
2022-23	Vehicle Electrical and Electronics Laboratory	AM5212	Core Course	PG	Automobile Engineering	2
2022-23	Mini Project with Seminar	AM5213	Core Course	PG	Automobile Engineering	2
2022-23	Mini Project with Seminar	CI5213	Core Course	PG	Computer Integrated Manufacturing	2
2022-23	Inplant Training / Internship	CI5311	Core Course	PG	Computer Integrated Manufacturing	2
2022-23	Dissertation I	CI5312	Core Course	PG	Computer Integrated Manufacturing	6
2022-23	Dissertation II	CI5411	Core Course	PG	Computer Integrated Manufacturing	12
2022-23	Technical Seminar	IL5311	Core Course	PG	Industrial Engineering	1



2022-23	Dissertation - II	IL5411	Core Course	PG	Industrial Engineering	12
2022-23	System simulation	IL5201	Core Course	PG	Industrial Engineering	4
2022-23	Data Analytics Laboratory	IL5211	Core Course	PG	Industrial Engineering	2
2022-23	Simulation Laboratory	IL5212	Core Course	PG	Industrial Engineering	2
2022-23	PROJECT MANAGEMENT	IL5081	Core Course	PG	Industrial Engineering	3
2022-23	SUPPLY CHAIN MANAGEMENT	IL5084	Core Course	PG	Industrial Engineering	3
2022-23	Dissertation	IC5311	Core Course	PG	Industrial Engineering	6
2022-23	Dissertation - II	IC5411	Core Course	PG	Industrial Engineering	12
2022-23	Sensors and Signal Conditioning Laboratory	MR5112	Core Course	PG	Mechatronics	2
2022-23	Simulation, Programming and Automated Inspection Laboratory	MR5212	Core Course	PG	Mechatronics	2
2022-23	Dissertation - I	PG5311	Core Course	PG	Printing and packaging Technology	6
2022-23	Dissertation - II	PG5312	Core Course	PG	Printing and packaging Technology	12
2022-23	Graphic Design and Printing Laboratory	PG5111	Core Course	PG	Printing and packaging Technology	2
2022-23	Package Material Processing Laboratory	PG5211	Core Course	PG	Printing and packaging Technology	2
2022-23	Package Design Laboratory	PG5212	Core Course	PG	Printing and packaging Technology	2
2022-23	Mini Project with Seminar	PG5213	Core Course	PG	Printing and packaging Technology	2
2022-23	Technical Seminar	QE5312	Core Course	PG	Quality Engineering and Management	1
2022-23	Dissertation - I	QE5311	Core Course	PG	Quality Engineering and Management	6
2022-23	Dissertation - II	QE5411	Core Course	PG	Quality Engineering and Management	12
2022-23	Dissertation - I	SY5311	Core Course	PG	Solar Engineering	6
2022-23	Dissertation - II	SY5411	Core Course	PG	Solar Engineering	12
2022-23	Solar Thermal Laboratory - I	SY5111	Core Course	PG	Solar Engineering	2
2022-23	Analysis and Simulation Laboratory for Solar Energy	SY5112	Core Course	PG	Solar Engineering	2
2022-23	Solar Thermal Laboratory -II	SY5211	Core Course	PG	Solar Engineering	2
2022-23	Solar Photovoltaic Laboratory	SY5212	Core Course	PG	Solar Engineering	2
2022-23	Mini Project with Seminar	SY5213	Core Course	PG	Solar Engineering	2
2022-23	Dissertation I	RA5311	Core Course	PG	Thermal Engineering	6
2022-23	Dissertation II	RA5411	Core Course	PG	Thermal Engineering	12

2022-23	Mini Project with Seminar	RA5213	Core Course	PG	Thermal Engineering	2
2022-23	TRAFFIC FLOW THEORY	TE5011	Elective Course	PG	Transportation Engineering	3
2022-23	DYNAMIC SIMULATION MODELING FOR SUSTAINABLE TRANSPORTATION AND MANAGEMENT	TE5006	Elective Course	PG	Transportation Engineering	3
2022-23	ROAD SAFETY SYSTEM	TE5010	Elective Course	PG	Transportation Engineering	3
2022-23	LOGISTICS IN TRANSPORTATION ENGINEERING	TE5017	Elective Course	PG	Transportation Engineering	3
2022-23	PAVEMENT MANAGEMENT SYSTEM	TE5014	Elective Course	PG	Transportation Engineering	3
2022-23	REMOTE SENSING	CE5001	Elective Course	UG	Civil Engineering	3
2022-23	HYDROLOGY AND WATER RESOURCES ENGINEERING	CE5071	Elective Course	UG	Civil Engineering	3
2022-23	Machining Technology	MF5301	Core Course	UG	Manufacturing Engineering	3
2022-23	Casting and Welding Technology	MF5401	Core Course	UG	Manufacturing Engineering	3
2022-23	FIXED POINT THEORY	MT5012	Elective Course	PG	Mathematics	3
2022-23	GROUNDWATER MODELLING AND MANAGEMENT	HW5007	Elective Course	PG	Hydrology and Water Resources Engineering	3
2022-23	COMPUTATIONAL INTELLIGENCE FOR HYDROSYSTEMS	HW5002	Elective Course	PG	Hydrology and Water Resources Engineering	3
2022-23	WATER POWER AND DAM ENGINEERING	HW5010	Elective Course	PG	Hydrology and Water Resources Engineering	3
2022-23	URBAN WATER RESOURCES MANAGEMENT	HW5012	Elective Course	PG	Hydrology and Water Resources Engineering	3
2022-23	IRRIGATION AND DRAINAGE STRUCTURES	IW5011	Elective Course	PG	irrigation Water Management	3
2022-23	REHABILITATION AND MODERNISATION OF IRRIGATION SYSTEMS	IW5003	Elective Course	PG	irrigation Water Management	3
2022-23	RAINFED AGRICULTURE AND TANK IRRIGATION MANAGEMENT	IW5004	Elective Course	PG	irrigation Water Management	3
2022-23	SURFACE AND GROUNDWATER HYDROLOGY	IW5014	Elective Course	PG	irrigation Water Management	3
2022-23	CLIMATE CHANGE AND WATER RESOURCES	IW5002	Elective Course	PG	irrigation Water Management	3
2022-23	WATERSHED CONSERVATION AND MANAGEMENT	IW5007	Elective Course	PG	irrigation Water Management	3
2022-23	GEODESY	RG5002	Elective Course	PG	Remotesensing and Geomatics	3
2022-23	Computer Communication and Networks	CA5301	Core Course	PG	Master of Computer Applications	4
2022-23	Java Programming	CA5302	Core Course	PG	Master of Computer Applications	3

2022-23	Advanced Data Structures and Algorithm Design	CA5303	Core Course	PG	Master of Computer Applications	3
2022-23	Java Programming and Networks Laboratory	CA5311	Core Course	PG	Master of Computer Applications	2
2022-23	Advanced Data Structures and Algorithms Laboratory	CA5312	Core Course	PG	Master of Computer Applications	2
2022-23	LASER SCANNING FOR TERRAIN MAPPING	RG5001	Elective Course	PG	Remotesensing and Geomatics	3
2022-23	Advanced Data Structures and Algorithms Laboratory	IF5161	Core Course	PG	Information Technology	2
2022-23	Web Technologies Laboratory	IF5162	Core Course	PG	Information Technology	2
2022-23	Software Design Methodologies	IF5201	Core Course	PG	Information Technology	4
2022-23	Advances in Operating Systems	IF5202	Core Course	PG	Information Technology	4
2022-23	Data Engineering Laboratory	IF5261	Core Course	PG	Information Technology	1
2022-23	HUMAN COMPUTER INTERACTION	IT5005	Elective Course	UG	Information Technology	3
2022-23	ADVANCES IN DATABASES	IT5007	Elective Course	UG	Information Technology	3
2022-23	COMPUTER GRAPHICS	IT5008	Elective Course	UG	Information Technology	3
2022-23	PATTERN RECOGNITION	IT5012	Elective Course	UG	Information Technology	3
2022-23	VISUALIZATION TECHNIQUES	IT5013	Elective Course	UG	Information Technology	3
2022-23	C# AND .NET PROGRAMMING	IT5014	Elective Course	UG	Information Technology	3
2022-23	SOFTWARE TESTING	IT5015	Elective Course	UG	Information Technology	3
2022-23	E-LEARNING TECHNIQUES	IT5016	Elective Course	UG	Information Technology	3
2022-23	SOFT COMPUTING	IT5019	Elective Course	UG	Information Technology	3
2022-23	GAME PROGRAMMING	IT5025	Elective Course	UG	Information Technology	3
2022-23	Information Technology Essentials	IT5201	Core Course	UG	Information Technology	3
2022-23	Digital Logic and Design	IT5301	Core Course	UG	Information Technology	3
2022-23	Software Engineering	IT5302	Core Course	UG	Information Technology	3
2022-23	Programming and Data Structures Laboratory	IT5311	Core Course	UG	Information Technology	2
2022-23	Database Management Systems	IT5351	Core Course	UG	Information Technology	3
2022-23	Programming and Data Structures	IT5352	Core Course	UG	Information Technology	3
2022-23	Object Oriented Programming and Advanced Data Structures	IT5401	Core Course	UG	Information Technology	3
2022-23	Design and Analysis of Algorithms	IT5402	Core Course	UG	Information Technology	3
2022-23	Operating Systems	IT5403	Core Course	UG	Information Technology	3
2022-23	LINEAR AND NONLINEAR SYSTEMS THEORY	IN5002	Elective Course	PG	Instrumentation Engineering	3

2022-23	INDUSTRIAL DATA COMMUNICATION	IN5003	Elective Course	PG	Instrumentation Engineering	3
2022-23	MATERIALS CHARACTERIZATION	PX5006	Elective Course	PG	Physics	4
2022-23	PHYSICS OF NANODEVICES	PX5012	Elective Course	PG	Physics	4
2022-23	LASER THEORY AND APPLICATIONS	PX5015	Elective Course	PG	Physics	4
2022-23	ADAPTIVE CONTROL	IN5006	Elective Course	PG	Instrumentation Engineering	3
2022-23	Practical Training	ST5311	Core Course	PG	Structural Engineering	2
2022-23	Project Phase I	ST5312	Core Course	PG	Structural Engineering	6
2022-23	Project Phase II	ST5411	Core Course	PG	Structural Engineering	12
2022-23	Practical Training	CN5311	Core Course	PG	Construction Engineering and Management	2
2022-23	Project Phase I	CN5312	Core Course	PG	Construction Engineering and Management	6
2022-23	Project Phase II	CN5411	Core Course	PG	Construction Engineering and Management	12
2022-23	Practical Training	IW5311	Core Course	PG	Irrigation Water Management	2
2022-23	Dissertation I	IW5312	Core Course	PG	Irrigation Water Management	6
2022-23	Dissertation II	IW5411	Core Course	PG	Irrigation Water Management	12

#### Faculty Details

Number of faculty members entered	941
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