

National Grassroot ICT Research Initiative (NGIRI 2021-22)

Funded FYPs List

#	FYP Code	FYP Title	University	Campus	Department
1	NGIRI-2022-13927	'TO DESIGN AND IMPLEMENTATION OF PURE SINE WAVE INVERTER'	Abasyn University	Islamabad	Electrical Engineering
2	NGIRI-2022-11077	'Generation of Electric Power Through Road Traffic Wind'	Abasyn University	Peshawar	Electrical Engineering
3	NGIRI-2022-11444	'Real Time Facial Mask Detection Using Machine Learning '	Abasyn University	Peshawar	Electrical Engineering
4	NGIRI-2022-11170	'SMART RSafety Application women safety app'	Abbottabad University of Science And Technology	Havelian	Computer Science
5	NGIRI-2022-11258	'AUST RESULT PORTAL'	Abbottabad University of Science And Technology	Havelian	Computer Science
6	NGIRI-2022-11798	'IoT Bassed Weather Reporting'	Abbottabad University of Science And Technology	Havelian	Computer Science
7	NGIRI-2022-13038	'docbook'	Abbottabad University of Science And Technology	Havelian	Software Engineering
8	NGIRI-2022-13050	'Salons booking app'	Abbottabad University of Science And Technology	Havelian	Computer Science
9	NGIRI-2022-11152	'IoT based Smart Car'	Abdul Wali Khan University	Mardan	Computer Science
10	NGIRI-2022-16110	'Face Recognition Based Automated Attendance Portal '	Abdul Wali Khan University	Mardan	Computer Science
11	NGIRI-2022-13571	'Smart Energy Net Metering with IoT'	Al-Hamd Islamic University	Quetta	Computer Science
12	NGIRI-2022-11924	'Blindstick using arduino UNO and GPS tracking system with dbms'	Allama Iqbal Open University	Main	Computer Science & IT
13	NGIRI-2022-15713	'Mehfooz Ghar IOT Based Home Automation With Security'	Bacha Khan University	Main Campus	Computer Science
14	NGIRI-2022-16040	'IOT based poultry farm temperature controller'	Bacha Khan University	Main Campus	Computer Science
15	NGIRI-2022-11564	'Automated Grass Trimming Robot'	Bahria University	Islamabad	Electrical Engineering
16	NGIRI-2022-11650	'Non Invasive Medical Device for Parkinson\'s patients with Episodes of Freezing Gait'	Bahria University	Islamabad	Electrical Engineering
17	NGIRI-2022-11991	'Aqurator'	Bahria University	Islamabad	Electrical Engineering
18	NGIRI-2022-12005	'Hot water and post harvest treatment plant for fruits'	Bahria University	Islamabad	Electrical Engineering
19	NGIRI-2022-12088	'DEVELOPMENT OF TEST BED FOR BATTERY HEALTH MONITORING AND MANAGEMENT FOR AEROSPACE APPLICATIONS'	Bahria University	Islamabad	Electrical/Electronics Engineering
20	NGIRI-2022-12145	'Solar concentrator system '	Bahria University	Islamabad	Electrical/Electronics Engineering
21	NGIRI-2022-12737	'IRIS CONTROLLED WHEEL CHAIR'	Bahria University	Islamabad	Computer Engineering
22	NGIRI-2022-12748	'Self Autonomous Robot using ROS'	Bahria University	Islamabad	Computer Engineering
23	NGIRI-2022-12542	'Impact Estimation of SMOG on Polymer & Ceramic Insulator in an Artificial Chamber'	Bahria University	Karachi	Electrical Engineering
24	NGIRI-2022-13379	'Eco-friendly refrigeration using thermometric'	Bahria University	Karachi	Electrical Power Engineering
25	NGIRI-2022-13382	'Smart Grass Cutting Machine'	Bahria University	Karachi	Electronics Engineeering
26	NGIRI-2022-13543	'ENVISION EYE '	Bahria University	Karachi	Electrical Engineering
27	NGIRI-2022-13682	'THREE DIMENTIONAL HOLOGRAPHIC DISPLAY SYSTEM WITH GESTURE CONTROLLER'	Bahria University	Karachi	Electronics Engineeering
28	NGIRI-2022-13853	'SELF STABILIZING SPOON'	Bahria University	Karachi	Electrical Engineering
29	NGIRI-2022-13897	'Smart Stick for Blind People'	Bahria University	Karachi	Computer Science
30	NGIRI-2022-13923	'SMART PROPERTY RECOMMENDATION APPLICATION'	Bahria University	Karachi	Software Engineering
31	NGIRI-2022-14413	Smart Irrigation System	Bahria University	Karachi	Software Engineering
32	NGIRI-2022-14629	'Blomming Garden'	Bahria University	Karachi	Software Engineering
33	NGIRI-2022-14656	'Master SCRUM through gaming'	Bahria University	Karachi	Software Engineering
34	NGIRI-2022-16079	'Automated Greenhouse Monitoring System'	Bahria University	Karachi	Electrical Engineering
35	NGIRI-2022-13941	'Draw To Code'	Bahria University	Lahore	Computer Science
36	NGIRI-2022-13965	'HOTDEALSPK'	Bahria University	Lahore	Computer Science
37	NGIRI-2022-14035	'FitMii'	Bahria University	Lahore	Computer Science
38	NGIRI-2022-12141	'bomb disposal and mines detector robot'	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Computer System Engineering

39	NGIRI-2022-12639	'Design of Portable Cooling Box for Preserving of vaccines and Insulin Injection'	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Electrical Engineering
40	NGIRI-2022-13873	'Arduino based portable Ventilator '	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Computer Engineering
41	NGIRI-2022-14442	'Design of a Fuzzy logic Based Basic Diseases Diagnosis Expert System for Khuzdar'	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Computer System Engineering
42	NGIRI-2022-15116	'Towards development of IoT based smart Parking system using raspberry pi'	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Computer System Engineering
43	NGIRI-2022-15192	'IOT Based Air Pollution Monitoring System'	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Computer Science
44	NGIRI-2022-16137	'Experimental study of solar water distillation system with thermosyphon heat pipe exchanger for arid areas of balochistan'	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Mechanical Engineering
45	NGIRI-2022-16400	'Driver Drowsiness Detection System for Accident Prevention'	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Computer System Engineering
46	NGIRI-2022-11166	'IoT Based Quality Enhancement In Learning Management System'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Telecom Engineering
47	NGIRI-2022-11172	'MRI analysis for volume estimation of the hippocampus using machine learning for early Alzheimer\'s disease diagnosis'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Software Engineering
48	NGIRI-2022-11199	'Control and monitoring system design for single phase AC generator'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electrical Engineering
49	NGIRI-2022-11492	'Path planning for mobile robots'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Engineering
50	NGIRI-2022-11531	'Human Following Robot'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Engineering
51	NGIRI-2022-11907	'AI BASED THUNDERCAM USING RASPBERRY PI AND IOT'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Engineering
52	NGIRI-2022-11988	'CENTRALIZED ANTICOLLISION TRAIN SYSTEM WITH PHIS PLATE ELIMINATION DISCERN & SIGNAL MONITORING'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Engineering
53	NGIRI-2022-12142	'Smart Atmospheric Water Generator for Drinking and Irrigation Purpose'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electronics Engineeering
54	NGIRI-2022-12683	'A Miniaturized Conformal UWB Antenna For UAV Application'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Telecom Engineering
55	NGIRI-2022-12793	'Hero In Disguise'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Science
56	NGIRI-2022-12843	'Localization of a snake robot'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electronics Engineeering
57	NGIRI-2022-13135	'Workers Health and Safety Detection System at Oil and Gas Field'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Information Technology
58	NGIRI-2022-13259	'IoT Based Air Quality Index Monitoring System for Quetta City'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electrical Engineering

59	NGIRI-2022-13372	'Industrial scientific and medical ISM band antenna for bio medical applications'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Telecom Engineering
60	NGIRI-2022-13597	'SINTHEA'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Software Engineering
61	NGIRI-2022-13961	'Deep learning Assited Smart Glasses For Object Detection at low light conditions '	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Science
62	NGIRI-2022-14056	'High Gain Beam Steerable Antenna for 5G Mobile Devices '	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Telecom Engineering
63	NGIRI-2022-14473	'Hardware implementation of a fuzzy logic-based control system for heliostats orientation'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electrical Engineering
64	NGIRI-2022-14580	'Analytical Modelling of Spectral Response of Crystalline Structure Using Machine Learning'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Science
65	NGIRI-2022-14698	'Exploration of an Unknown Environment Using Deep Reinforcement Learning'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electrical
66	NGIRI-2022-14932	'Deep Reinforcement Learning Based Robot Navigation in a Map Less Environment'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electrical Engineering
67	NGIRI-2022-14957	'Finding Optimal Location for Healthcare units in Balochistan using GIS'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Software Engineering
68	NGIRI-2022-14992	'Worktern Freelance Website'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Software Engineering
69	NGIRI-2022-15055	'Computer Vision Based Driver's drowsiness, Age and Seat belt Recognition '	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electronics Engineeering
70	NGIRI-2022-15228	'Health Monitoring System '	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electronics Engineeering
71	NGIRI-2022-15828	'Synthesis and characterization of Aluminium oxide Nano particles doped polymer dispersed liquid crystal films'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Science & Technology
72	NGIRI-2022-15929	'Analysis of Solar Flux distribution in linear concentrators'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Science & Technology
73	NGIRI-2022-16171	'Study of synthesis of Zinc oxide Nano particles doped epoxy based PDLC'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Science & Technology
74	NGIRI-2022-16242	'INVESTIGATION OF EMF-RF (Wi-Fi) IMPACTS ON EMPLOYEE'S HEALTH IN HIGHER EDUCATION OF INSTITUTE.'	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Science & Technology
75	NGIRI-2022-12475	'Design and Fabrication of 3-Axis CNC Router '	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Mechanical Engineering
76	NGIRI-2022-12584	' Use of Fresnel lens in solar desalination to achieve enhanced distillate output'	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Mechanical Engineering
77	NGIRI-2022-12990	'IoT Based smart Health Monitoring system and Automation Using Augmented Reality'	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Electronics Engineeering

78	NGIRI-2022-13176	'Dual Syringe Smart Infusion Pump With Real Time Health Monitoring'	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Electronics Engineering
79	NGIRI-2022-13201	'Arduino Based Hybrid Energized automatic Firefighting Rescue Robot(QRob)'	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Electrical Engineering
80	NGIRI-2022-16127	'Electric Car Based On Solar Panel'	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Electrical Engineering
81	NGIRI-2022-11114	'Solar Water Desalination System'	Capital University of Science and Technology	Main	Mechanical Engineering
82	NGIRI-2022-11669	'World Aquifer Forecasting Engine and Research '	Capital University of Science and Technology	Main	Computer Science
83	NGIRI-2022-12221	'Design And Prototyping of Passive Exoskeleton For Lower Limb To Assist Walking '	Capital University of Science and Technology	Main	Mechanical Engineering
84	NGIRI-2022-12225	'Design and Fabrication of Automatic Wheel-chair Convertible into Bed , Sitting and Standing mode'	Capital University of Science and Technology	Main	Mechanical Engineering
85	NGIRI-2022-12228	'Design and development of solar dehydrator for fruits and vegetables'	Capital University of Science and Technology	Main	Mechanical Engineering
86	NGIRI-2022-12241	'Multiple Object Detection and Lane Following for Autonomous Vehicle'	Capital University of Science and Technology	Main	Electrical Engineering
87	NGIRI-2022-12697	'HazelBot Smart Medical Assistant'	Capital University of Science and Technology	Main	Electrical Engineering
88	NGIRI-2022-15041	'IoT Based Smart Helmet for Bike Riders '	Capital University of Science and Technology	Main	Computer Science
89	NGIRI-2022-11427	'E-bike Development & Implementation of smart eco-friendly System'	CECOS University of IT & Emerging Sciences	Peshawar	Electrical Engineering
90	NGIRI-2022-13112	'Association study of promoter region SNPs rs2275913 of IL-17A in brain cancer in Pakistani Population'	CECOS University of IT & Emerging Sciences	Peshawar	Biomedical Engineering
91	NGIRI-2022-14081	'Design and Fabrication of Low cost air purifier'	CECOS University of IT & Emerging Sciences	Peshawar	Mechanical Engineering
92	NGIRI-2022-14497	'An efficient DICOM image based brain lesion segmentation model '	CECOS University of IT & Emerging Sciences	Peshawar	Computer Science
93	NGIRI-2022-14658	'food donation app'	CECOS University of IT & Emerging Sciences	Peshawar	Computer Science
94	NGIRI-2022-14751	'Design and fabrication of indigenous solid plastic waste recycling system'	CECOS University of IT & Emerging Sciences	Peshawar	Mechanical Engineering
95	NGIRI-2022-11512	'Smart Glasses for Visually Impaired Persons'	City University of Science & Information Technology	Peshawar	Computer Science
96	NGIRI-2022-12061	'Design and implementation of virtual reality for video calling'	City University of Science & Information Technology	Peshawar	Electrical Power Engineering
97	NGIRI-2022-12216	'Exploring NeuroSky Wave Brain Wave Sensor Application For Wheelchair. '	City University of Science & Information Technology	Peshawar	Electrical Power Engineering
98	NGIRI-2022-12663	'SMART POWER MONITORING AND THEFT DETECTION SYSTEM'	City University of Science & Information Technology	Peshawar	Electrical Power Engineering
99	NGIRI-2022-10922	'Artificial Intelligence Based Disease Detection In Medical Images'	COMSATS University of Information Technology	Abbottabad	Computer Engineering
100	NGIRI-2022-11094	'IoT BASED MPPT AND SUN TRACKING PHOTOVOLTAIC SYSTEM'	COMSATS University of Information Technology	Abbottabad	Electrical Power Engineering
101	NGIRI-2022-11201	'IoT Based AmazonGo Smart Cart System Using RFID Technology'	COMSATS University of Information Technology	Abbottabad	Electrical Engineering
102	NGIRI-2022-12025	'Improved Intelligent Surveillance System'	COMSATS University of Information Technology	Abbottabad	Electrical/Electronics Engineering
103	NGIRI-2022-12123	'Automatic Paper Marking System'	COMSATS University of Information Technology	Abbottabad	Electrical/Electronics Engineering
104	NGIRI-2022-12218	'Smart glasses with face recognition and obstacle detection'	COMSATS University of Information Technology	Abbottabad	Electrical/Electronics Engineering
105	NGIRI-2022-12245	' Adaptive Traffic Light Timer Control (ATLTC)'	COMSATS University of Information Technology	Abbottabad	Electrical/Electronics Engineering
106	NGIRI-2022-12268	'Ocean swell energy conversion apparatus'	COMSATS University of Information Technology	Abbottabad	Electrical Power Engineering
107	NGIRI-2022-13839	'Rooftop Wind Energy Conversion System'	COMSATS University of Information Technology	Abbottabad	Electrical Power Engineering
108	NGIRI-2022-13842	'Development of Dual Rotor Flux Switching Generator'	COMSATS University of Information Technology	Abbottabad	Electrical Power Engineering
109	NGIRI-2022-11120	'Smart Helmet For The Safety Of Bike Riders'	COMSATS University of Information Technology	Attock	Electrical Engineering
110	NGIRI-2022-11139	'BlockChat: Blockchain-enabled fast and secure communication system for Industry 4.0 '	COMSATS University of Information Technology	Attock	Computer Science

111	NGIRI-2022-11301	'Recommendation System using Sentimental Analysis in Tourism'	COMSATS University of Information Technology	Attock	Computer Science
112	NGIRI-2022-11635	'Obstacle Avoidance of Multi Agent System using Swarm Autobots'	COMSATS University of Information Technology	Attock	Computer Engineering
113	NGIRI-2022-13331	'Design of Transformer Less Inverter for Domestic Universal Power Supply System'	COMSATS University of Information Technology	Attock	Electrical Engineering
114	NGIRI-2022-13343	'Deep Learning Based Road Cracks Detection using UAV Images'	COMSATS University of Information Technology	Attock	Computer Engineering
115	NGIRI-2022-13393	'Image-based Real-time Passenger Overloaded Vehicles Detection using Deep Learning'	COMSATS University of Information Technology	Attock	Computer Engineering
116	NGIRI-2022-13444	'Computer Numerical Control (CNC) based Two-Dimensional Cutter'	COMSATS University of Information Technology	Attock	Electrical Engineering
117	NGIRI-2022-14697	'Designing of regenerative braking system for electric vehicle'	COMSATS University of Information Technology	Attock	Electrical Engineering
118	NGIRI-2022-10888	'An IOT based Reverse Vending Machine for Beverage Container Recycling'	COMSATS University of Information Technology	Lahore	Electrical Engineering
119	NGIRI-2022-11194	'Intelligent Control of Robotic Arm using Brain Computer Interface and Neural Networks'	COMSATS University of Information Technology	Lahore	Computer Engineering
120	NGIRI-2022-11377	'Deployment of Intelligent and Secure Cattle Health Monitoring System'	COMSATS University of Information Technology	Lahore	Computer Engineering
121	NGIRI-2022-12308	'Implementation of an intelligent parking system'	COMSATS University of Information Technology	Lahore	Computer Engineering
122	NGIRI-2022-15107	'IoT Based Smart Vacuum Cleaner'	COMSATS University of Information Technology	Lahore	Electrical Engineering
123	NGIRI-2022-15130	'A Ubiquitous and Portable Healthcare Monitoring System'	COMSATS University of Information Technology	Lahore	Computer Science
124	NGIRI-2022-15137	'Multi-data and Multi-model based Smart Wheelchair for Physically challenged Patients '	COMSATS University of Information Technology	Lahore	Computer Science
125	NGIRI-2022-16121	'An IOT based Trash Collecting Cleaning and Segregation Robot'	COMSATS University of Information Technology	Lahore	Electrical Engineering
126	NGIRI-2022-10910	'Design and Development of Coordinating Autonomous Robots'	COMSATS University of Information Technology	Main	Computer Engineering
127	NGIRI-2022-13164	'Hand Exoskeleton for Assistance in Grasping Using Force Myography'	COMSATS University of Information Technology	Main	Electronics
128	NGIRI-2022-14098	'Development of a system for monitoring the real-time performance of vehicles with fault tolerance.'	COMSATS University of Information Technology	Main	Electronics
129	NGIRI-2022-14410	'Experimental Study of Modulation Dynamics of Laser and Photodetector to Realize Visible Light Communication .'	COMSATS University of Information Technology	Main	Electrical
130	NGIRI-2022-14916	'Multi-robot coordination for handling objects in a moving conveyer belt: Trajectory planning and determining end-effector'	COMSATS University of Information Technology	Main	Electrical Engineering
131	NGIRI-2022-15267	'Development of Pump-Probe Photorefectance Setup '	COMSATS University of Information Technology	Main	Electronics
132	NGIRI-2022-12918	'Blockchain Based Taxation System'	COMSATS University of Information Technology	Sahiwal	Computer Science
133	NGIRI-2022-13136	'Hybridization of renewable energy resources using digital control technique'	COMSATS University of Information Technology	Sahiwal	Electrical Engineering
134	NGIRI-2022-13872	'Design of metamaterial based broadband radar absorbers for stealth applications'	COMSATS University of Information Technology	Sahiwal	Electrical Engineering
135	NGIRI-2022-11108	'AI Based Smart Alert System for Drowsy Driver Detection '	COMSATS University of Information Technology	Wah	Electrical Engineering
136	NGIRI-2022-11257	'SMART WHEELCHAIR RAILING'	COMSATS University of Information Technology	Wah	Electrical Engineering
137	NGIRI-2022-12379	'Electric Field Meter for Electromagnetic Applications'	COMSATS University of Information Technology	Wah	Electrical Engineering
138	NGIRI-2022-12390	'emo-mask: Emotion controlled mask for kids'	COMSATS University of Information Technology	Wah	Computer Science
139	NGIRI-2022-12481	'FPGA Implementation of Crypto System '	COMSATS University of Information Technology	Wah	Electrical Engineering
140	NGIRI-2022-12531	'Bionic Arm'	COMSATS University of Information Technology	Wah	Computer Science
141	NGIRI-2022-12585	'Water Metering System'	COMSATS University of Information Technology	Wah	Electrical/Electronics Engineering
142	NGIRI-2022-12761	'Drivoo AI Driving App'	COMSATS University of Information Technology	Wah	Computer Science & IT
143	NGIRI-2022-12846	'Maternal And Infant Health Care Predictive system'	COMSATS University of Information Technology	Wah	Computer Science
144	NGIRI-2022-13318	'Design And Fabrication Of Injection Molding Machine'	COMSATS University of Information Technology	Wah	Mechanical Engineering

145	NGIRI-2022-15278	'Autonomous Drone Delivery System'	COMSATS University of Information Technology	Wah	Computer Science
146	NGIRI-2022-15923	'Automated material handling crane/hand truck system.'	COMSATS University of Information Technology	Wah	Software Engineering
147	NGIRI-2022-11365	'IoT Based Liquid Level Monitoring and Control System '	Dawood University of Engineering and Technology	Main	Telecom Engineering
148	NGIRI-2022-11581	'AI IoT based RealTime Air Quality Index Reporting Gadget with Hazardous Gases Advisory System'	Dawood University of Engineering and Technology	Main	Computer System Engineering
149	NGIRI-2022-11720	'computer vision based object sorter'	Dawood University of Engineering and Technology	Main	Electronics Engineering
150	NGIRI-2022-12118	'Skin Cancer Predictor Using Python And Deep Learning'	Dawood University of Engineering and Technology	Main	Computer System Engineering
151	NGIRI-2022-13335	'Implementation Of Underwater Wireless Sensor Network Using Acoustic Communication'	Dawood University of Engineering and Technology	Main	Telecom Engineering
152	NGIRI-2022-13437	'Automated Industrial Inspection solution for plastic bottle defects '	Dawood University of Engineering and Technology	Main	Computer System Engineering
153	NGIRI-2022-13474	'Android application for sign language recognition'	Dawood University of Engineering and Technology	Main	Computer System Engineering
154	NGIRI-2022-14557	'Design IoT based WSN for monitoring water quality'	Dawood University of Engineering and Technology	Main	Electronics Engineering
155	NGIRI-2022-14823	'IoT based Solar Smart-Flower '	Dawood University of Engineering and Technology	Main	Electronics
156	NGIRI-2022-14829	'Predictive Maintenance and Fault Diagnosis of Induction Motor'	Dawood University of Engineering and Technology	Main	Electronics Engineering
157	NGIRI-2022-14912	'Electronic trainer kit for EDC.DLD AND ECD labs '	Dawood University of Engineering and Technology	Main	Electronics Engineering
158	NGIRI-2022-15066	'Real Time Drowsiness Detection Algorithm for Driver's Safety'	Dawood University of Engineering and Technology	Main	Telecom Engineering
159	NGIRI-2022-15631	'Blockchain Based Voting System'	Dawood University of Engineering and Technology	Main	Telecom Engineering
160	NGIRI-2022-14162	'Design and simulation of an in wheel permanent magnet synchronous motor for an electric vehicle on finite element modeling software tool Ansys Maxwell'	DHA Suffa University	Main	Electrical Engineering
161	NGIRI-2022-14176	'TransAds'	DHA Suffa University	Main	Computer Science
162	NGIRI-2022-14813	'Design and Fabrication of a Torque meter to measure shaft torque in Newton Meter'	DHA Suffa University	Main	Electrical Engineering
163	NGIRI-2022-14889	'DESIGN AND FABRICATION OF UAV LAUNCHER'	DHA Suffa University	Main	Mechanical Engineering
164	NGIRI-2022-14909	'Design and Fabrication of Six Degree of Freedom Anthropomorphic Robotic Arm'	DHA Suffa University	Main	Mechanical Engineering
165	NGIRI-2022-14926	'Design and Analysis of Photovoltaic Powered Reverse Osmosis Desalination System'	DHA Suffa University	Main	Mechanical Engineering
166	NGIRI-2022-15245	'Power System Stability using IBR'	DHA Suffa University	Main	Electrical Engineering
167	NGIRI-2022-15246	'design voltage ride through capability using renewables'	DHA Suffa University	Main	Electrical Engineering
168	NGIRI-2022-14622	'Smart Lab'	FATA University	Main	Computer Science
169	NGIRI-2022-11380	'IoT Based Hydroponic System for Better Crop Production'	Fatima Jinnah Women University	Main	Computer Science
170	NGIRI-2022-11395	'A prototype for accident detection and management system using IOT'	Fatima Jinnah Women University	Main	Computer Science
171	NGIRI-2022-14260	'Object Classification System in Low Visibility Driving Conditions '	Federal Urdu University of Arts, Science and Technology	Islamabad	Electrical Engineering
172	NGIRI-2022-15557	'Automatic Car Climate Control System with Carbon Dioxide Monitoring'	Federal Urdu University of Arts, Science and Technology	Islamabad	Computer Science
173	NGIRI-2022-11572	'IoT based Smart Drink Dispenser'	Foundation University	Islamabad	Software Engineering
174	NGIRI-2022-13616	'CAR HUD An Electro optics project based on Augmented Reality'	Foundation University	Islamabad	Electrical Engineering
175	NGIRI-2022-14857	'Contrast Enhancement for Low Contrast Digital Images'	Foundation University	Islamabad	Software Engineering
176	NGIRI-2022-15489	'Smart Home Power Management System'	Foundation University	Islamabad	Computer Science
177	NGIRI-2022-15626	'Designing and Implementation of Brushless DC Motor Controller for Electric Bicycle'	Foundation University	Islamabad	Electrical Engineering
178	NGIRI-2022-15681	'Lithium ion battery and super capacitor fast charging hybrid system for electrical vehicle'	Foundation University	Islamabad	Electrical Engineering
179	NGIRI-2022-13439	'AI Diet Consultant Android Application'	Ghazi University	City Campus	Computer Science & IT
180	NGIRI-2022-13640	'Arduino based smart robot car controlled with Android APP'	Ghazi University	City Campus	Computer Science & IT
181	NGIRI-2022-13683	'Credit-card-fraud detection website'	Ghazi University	City Campus	Computer Science & IT

182	NGIRI-2022-15839	'Sun tracking solar panel using Arduino'	Ghazi University	City Campus	Computer Science & IT
183	NGIRI-2022-13047	'Self Driving Car'	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Electrical/Electronics Engineering
184	NGIRI-2022-13596	'Irrigation based system'	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Electrical/Electronics Engineering
185	NGIRI-2022-14539	'Sensor Assisted Electric Vehicle with Individual Wheel Rotation in Two Dimensions'	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Mechanical Engineering
186	NGIRI-2022-15343	'Design and development of variable pressure control for common rail diesel fuel injection system (CRDI) using an EFI.'	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Mechanical Engineering
187	NGIRI-2022-11699	'AirTouch'	GIFT University	Gujranwala	Computer Science
188	NGIRI-2022-11974	'Let's Grow together'	GIFT University	Gujranwala	Computer Science
189	NGIRI-2022-12043	'Learning and shooting game'	GIFT University	Gujranwala	Software Engineering
190	NGIRI-2022-12234	'Intelligent Green House'	GIFT University	Gujranwala	Computer Science
191	NGIRI-2022-12236	'VR Game'	GIFT University	Gujranwala	Software Engineering
192	NGIRI-2022-12530	'Epiczone'	GIFT University	Gujranwala	Software Engineering
193	NGIRI-2022-13447	'Design and Development of Battery Electric Bike'	GIFT University	Gujranwala	Electrical Engineering
194	NGIRI-2022-11701	'Artificial intelligence based Drowsy Driver Detection'	Gomal University	Main	Electrical Engineering
195	NGIRI-2022-15063	'Real Time Driver Alert Mechanism'	Government College Women University	Sialkot	Computer Science
196	NGIRI-2022-11594	'IOT Integrated Fire Vigilant Responder and Reactor Assistant'	Grafton College Islamabad (Affiliated Campus of NUML)	Islamabad	Electrical Engineering
197	NGIRI-2022-13288	'Blockchain-Based Verification of Academic Credentials'	Hamdard University	Islamabad	Computer Science
198	NGIRI-2022-10897	'ROBOTIC SOLDERING ARM'	Hamdard University	Karachi	Electrical
199	NGIRI-2022-10924	'High-Precision Simulated Image-Guided Cardiac Interventions'	Hamdard University	Karachi	Biomedical Engineering
200	NGIRI-2022-12065	'HYBRO BIKE WITH DIGITAL FEATURES'	Hamdard University	Karachi	Electrical Engineering
201	NGIRI-2022-12421	'Design Fabrication and Analysis of Air Engine Test Bed'	Hamdard University	Karachi	Mechanical Engineering
202	NGIRI-2022-13277	'Solarcity sunlight in the dark room'	Hamdard University	Karachi	Electrical Engineering
203	NGIRI-2022-13330	'Effectiveness of TENS and TDCS in cognitive performance and pain reduction'	Hamdard University	Karachi	Biomedical Engineering
204	NGIRI-2022-14494	'Design and Development of Low Cost IoT Harvesting Robo-Vec'	Hamdard University	Karachi	Electrical Engineering
205	NGIRI-2022-12402	'Fruit Classification through image processing'	HITEC University	Main	Electrical Power Engineering
206	NGIRI-2022-13138	'Design and fabrication of Single Point incremental sheet forming machine'	HITEC University	Main	Mechanical Engineering
207	NGIRI-2022-13140	'Design and Development of 4kJ Electromagnetic Forming Machine'	HITEC University	Main	Mechanical Engineering
208	NGIRI-2022-13434	'Early Rise Disease Detection In Crops Using Machine Learning with UAV'	HITEC University	Main	Electrical Engineering
209	NGIRI-2022-13440	'Speed control of single phase induction motor using PLC'	HITEC University	Main	Electrical Engineering
210	NGIRI-2022-13525	'Voice Controlled Home automation system'	HITEC University	Main	Computer Science
211	NGIRI-2022-13577	'Real-time Progress Monitoring System for 3D Printers'	HITEC University	Main	Computer Science
212	NGIRI-2022-13602	'Truck On Go'	HITEC University	Main	Computer Science
213	NGIRI-2022-13694	'IOT based automatic notification system using an app'	HITEC University	Main	Computer Engineering
214	NGIRI-2022-13860	'Apna Ghar Construction'	HITEC University	Main	Computer System
215	NGIRI-2022-14038	'Automatic Seed Sowing Robot'	HITEC University	Main	Mechanical Engineering
216	NGIRI-2022-14405	'Design and Fabrication of VTOL Drone'	HITEC University	Main	Mechanical Engineering
217	NGIRI-2022-14675	'library management system'	HITEC University	Main	Computer Science
218	NGIRI-2022-13805	'MAIL SORTING MACHINE BASED ON POSTAL CODE DETECTION'	ILMA University, formerly Institute of Business & Technology (IBT)	Main	Computer Science
219	NGIRI-2022-13806	'2D Pen Plotter For AutoCad Graphics Printer'	ILMA University, formerly Institute of Business & Technology (IBT)	Main	Computer System
220	NGIRI-2022-14014	'Ping Pong Robot'	ILMA University, formerly Institute of Business & Technology (IBT)	Main	Computer Science

221	NGIRI-2022-14048	'Geyser Thermostat Monitoring'	ILMA University, formerly Institute of Business & Technology (IBT)	Main	Computer Science
222	NGIRI-2022-14187	'Automated Guided Vehicle for Industry 4.0'	ILMA University, formerly Institute of Business & Technology (IBT)	Main	Computer System
223	NGIRI-2022-14194	'Drone Based Surveillance Using Real Time Image Processing For Detection Of Illegal Activity'	ILMA University, formerly Institute of Business & Technology (IBT)	Main	Computer Science
224	NGIRI-2022-14521	'VIRTUAL GAMING CONTROLLER AND MOTION DETECTOR GADGET'	ILMA University, formerly Institute of Business & Technology (IBT)	Main	Software Engineering
225	NGIRI-2022-10899	Monitoring & Controlling of Smart Agriculture System using IoT with AI-based Disease Detection & Production Forecasting	Indus University	Karachi	Electrical Power Engineering
226	NGIRI-2022-10966	'Smart Vehicle Ventilation System with IoT based Monitoring of Vehicle Environment and Security'	Indus University	Karachi	Electrical Power Engineering
227	NGIRI-2022-10981	'Landslide Early Warning System With Wireless Sensor Network (WSN) By Soil Movement and Rainfall Analysis'	Indus University	Karachi	Electronics
228	NGIRI-2022-10983	'IOT Based Greenhouse Environment Monitoring and Controlling System using Raspberry Pi'	Indus University	Karachi	Electronics
229	NGIRI-2022-10984	'Precision Agriculture Robot for Seed Sowing to Maximize the Yield. '	Indus University	Karachi	Electronics
230	NGIRI-2022-10995	'Ai Based Thievery Exposure Using IoT'	Indus University	Karachi	Computer Science
231	NGIRI-2022-11012	'VR CAR TRAFFIC INSTRUCTOR'	Indus University	Karachi	Computer Science & IT
232	NGIRI-2022-11026	'Virtual Assistant In Home Automation'	Indus University	Karachi	Software Engineering
233	NGIRI-2022-11040	'Automated Solar based Tracking System'	Indus University	Karachi	Software Engineering
234	NGIRI-2022-11041	'DeepFake in Medical Science'	Indus University	Karachi	Computing and Technology
235	NGIRI-2022-11056	'DUAL MOTORS CONTROLLED CONVEYOR BELT SYSTEM FOR HIGHLY SENSITIVE CHEMICAL/PHARMACEUTICAL INDUSTRY'	Indus University	Karachi	Electrical Engineering
236	NGIRI-2022-11083	'Smart Blind Gloves'	Indus University	Karachi	Computer Engineering
237	NGIRI-2022-11085	'Virtual Tuberculosis Detector'	Indus University	Karachi	Computer Engineering
238	NGIRI-2022-11086	'Virtual Melanoma Detection'	Indus University	Karachi	Computer Engineering
239	NGIRI-2022-11190	Design of Smart Microgrid Prototype using SCADA And PLC with IoT Based Monitoring	Indus University	Karachi	Engineering and Sciences
240	NGIRI-2022-11836	'Intelligent Flood Sensing and Alerting system for rural area using Wireless Sensor Network'	Indus University	Karachi	Electrical Engineering
241	NGIRI-2022-12823	'AI based remote control load lifter with using IOT'	Indus University	Karachi	Science & Technology
242	NGIRI-2022-12935	'Advance Bio-floc System with Cloud Based Mobile Application'	Indus University	Karachi	Software Engineering
243	NGIRI-2022-13260	'Industrial PLC trainer for AC servo motor related application '	Indus University	Karachi	Science & Technology
244	NGIRI-2022-14253	'Smart Energy Harvesting Eco-Friendly Street Light with IOT Based Surveillance'	Indus University	Karachi	Electrical Engineering
245	NGIRI-2022-14272	Smart IoT based Logical Trainer For Electrical Distribution System	Indus University	Karachi	Electrical Engineering
246	NGIRI-2022-14370	'IOT based robot for monitoring and communication for coal miners '	Indus University	Karachi	Electrical/Electronics Engineering
247	NGIRI-2022-14603	IOT Based Ultra Fast Charging and Monitoring System for Electric Vehicle	Indus University	Karachi	Science & Technology
248	NGIRI-2022-14753	'Design and Implementation of Smart Wireless Fire Tender Based on IOT Technology'	Indus University	Karachi	Electronics
249	NGIRI-2022-14989	'ARDUINO CONTROLLED ROBOTIC ARM'	Indus University	Karachi	Science & Technology
250	NGIRI-2022-12054	' IOT BASED SMART HELMET FOR UNSAFE EVENT DETECTION FOR MINING INDUSTRY'	Information Technology University	Lahore	Electrical Engineering
251	NGIRI-2022-15077	'Intelligent Shopping Trolley using Auto Billing System'	Information Technology University	Lahore	Electrical Engineering
252	NGIRI-2022-11142	'Humidity and temperature monitoring and controlling system'	Institute of Business Management	Main	Computer Science
253	NGIRI-2022-12497	'IoT based Smart Management of Poultry Farm'	Institute of Business Management	Main	Electrical/Electronics Engineering
254	NGIRI-2022-12716	'Smart Waste Water Treatment Plant System'	Institute of Business Management	Main	Electrical Engineering

255	NGIRI-2022-13155	'RFID Parking System'	Institute of Business Management	Main	Computer Science
256	NGIRI-2022-14380	'Image processing size verification parcel sorting conveyor'	Institute of Business Management	Main	Electrical/Electronics Engineering
257	NGIRI-2022-14316	SMART PORTABLE ECG MACHINE	Institute of Industrial Electronics Engineering	Main	Industrial Electronics
258	NGIRI-2022-14411	Artificial Intelligence based Autonomous Aerial Vehicle for Security Surveillance	Institute of Industrial Electronics Engineering	Main	Industrial Electronics
259	NGIRI-2022-15043	Real time Manipulation of Multiple Robotic Arms with hand Gestures using Kinect Sensor	Institute of Industrial Electronics Engineering	Main	Industrial Electronics
260	NGIRI-2022-16330	Computer Vision Based Real Time Detection of 2D Flat Surface Area	Institute of Industrial Electronics Engineering	Main	Industrial Electronics
261	NGIRI-2022-11024	'IOT based Luggage Weight and Fall Monitoring with GSM and Android App'	Institute of Management Sciences	Peshawar	Computer System
262	NGIRI-2022-11434	'Autonomous and Selective Irrigation System with Recommendation System and Android Application'	Institute of Management Sciences	Peshawar	Computer Science
263	NGIRI-2022-14514	'Monitoring of Ferranti Effect and Power Factor Improvement in a Power System'	Institute of Southern Punjab	Main	Electrical Engineering
264	NGIRI-2022-14950	'Smart Monitoring and Energy Management of Hybrid Power Supply '	Institute of Southern Punjab	Main	Electrical Engineering
265	NGIRI-2022-11112	'Design and development of Three DOF Hover Stationary Quadrotor for Flight Controls'	Institute of Space Technology	Islamabad	Avionics/Aeronautical Engineering
266	NGIRI-2022-11116	'Design and Development of Lab experimental model of 3 Degrees of freedom moving quadrotor for flight controls.'	Institute of Space Technology	Islamabad	Avionics/Aeronautical Engineering
267	NGIRI-2022-11312	'Design and Development of Gas Turbine from Automobile Turbocharger'	Institute of Space Technology	Islamabad	Avionics/Aeronautical Engineering
268	NGIRI-2022-11926	'Solar Powered UAV for Surveillance With Long Endurance'	Institute of Space Technology	Islamabad	Mechanical Engineering
269	NGIRI-2022-12662	'Bicycle Generator'	Institute of Space Technology	Islamabad	Electrical Engineering
270	NGIRI-2022-12690	'Power Electrical Controller for Wind Turbine'	Institute of Space Technology	Islamabad	Electrical Engineering
271	NGIRI-2022-13297	'Road Side Vertical Axis Wind Turbine'	Institute of Space Technology	Islamabad	Mechanical Engineering
272	NGIRI-2022-13320	'Image Processing based Entry-Exit Surveillance system '	Institute of Space Technology	Islamabad	Avionics Engineering
273	NGIRI-2022-13390	'Design and Development of Jammer for Anti Drone System'	Institute of Space Technology	Islamabad	Avionics Engineering
274	NGIRI-2022-13399	'Design and Development of a Tube Launched Loitering Munition'	Institute of Space Technology	Islamabad	Avionics/Aeronautical Engineering
275	NGIRI-2022-13481	'GPS Spoofing , To verify if jamming can help in successful spoofing'	Institute of Space Technology	Islamabad	Avionics Engineering
276	NGIRI-2022-13854	'Remote Monitoring of heartbeat through micromotion doppler radar'	Institute of Space Technology	Islamabad	Avionics Engineering
277	NGIRI-2022-14403	'Autonomous UAV coalition of multiple UAVs to destroy dynamic targets in uncertain environments '	Institute of Space Technology	Islamabad	Electrical
278	NGIRI-2022-14696	'Glove which converts sign language to speech'	Institute of Space Technology	Islamabad	Electrical Engineering
279	NGIRI-2022-14726	'Design and Development of Multiplatform Surveillance System'	Institute of Space Technology	Islamabad	Electrical Engineering
280	NGIRI-2022-12762	'Pesticide Spraying Robot With Crop Disease Detection Using Remote Sensing Images'	Institute of Space Technology	KICSIT	Computer Engineering
281	NGIRI-2022-13275	'Pak uav Pilot assist system and drone to drone detection for aiding pilot'	Institute of Space Technology	KICSIT	Computer Engineering
282	NGIRI-2022-13342	'Smart Grass Cutting machine'	Institute of Space Technology	KICSIT	Computer Engineering
283	NGIRI-2022-15592	'Drone detection through multiple turrets '	Institute of Space Technology	KICSIT	Computer Engineering
284	NGIRI-2022-15744	'IOT Based Fall Detection Aid '	Institute of Space Technology	KICSIT	Computer Science
285	NGIRI-2022-11291	'Autonomous Aerial Vehicle Based Package Delivery System '	International Islamic University	Islamabad	Electrical Engineering
286	NGIRI-2022-11297	'Intelligent Chicken Health Monitoring and Egg fertility assessment System'	International Islamic University	Islamabad	Electrical Engineering
287	NGIRI-2022-11324	'Smart Water Distribution And Wastewater Treatment System'	International Islamic University	Islamabad	Electrical Engineering
288	NGIRI-2022-11334	'Thermoelectric Element based smart hybrid refrigeration and dispensing system'	International Islamic University	Islamabad	Electrical/Electronics Engineering
289	NGIRI-2022-11348	'Teleoperated Smart Robot With Automatic Medicine Dispenser'	International Islamic University	Islamabad	Electrical
290	NGIRI-2022-12310	'Biometric and RFID base Bike ignition and security system'	International Islamic University	Islamabad	Electrical

291	NGIRI-2022-12322	'Real Time DC DC Converter Data Visualization'	International Islamic University	Islamabad	Electrical
292	NGIRI-2022-12804	'IR Based Apple Type Detection And Sorting'	International Islamic University	Islamabad	Electrical
293	NGIRI-2022-15730	'Design and Fabrication of Tunable Oscillating and Rotational Kinematic Damper'	International Islamic University	Islamabad	Mechanical Engineering
294	NGIRI-2022-15825	'Design and Fabrication of Dual Extruder Three D printer'	International Islamic University	Islamabad	Mechanical Engineering
295	NGIRI-2022-11447	'Head Movement Controlled Sentry Gun With Head Up Display'	Iqra National University	Main	Electrical Engineering
296	NGIRI-2022-12020	'prototype of heat recovery system for small industries '	Iqra National University	Main	Electrical Engineering
297	NGIRI-2022-12689	'Mining Worker Safety Helmet'	Iqra University	Islamabad	Computer System
298	NGIRI-2022-12701	'Self Driving Car'	Iqra University	Islamabad	Computing and Technology
299	NGIRI-2022-12736	'Medicine Investigation System'	Iqra University	Islamabad	Computer Science
300	NGIRI-2022-13182	'Smart Nest Box IOT Based'	Iqra University	Islamabad	Computer Science
301	NGIRI-2022-14064	'ROBORANT'	Iqra University	Islamabad	Computer Science
302	NGIRI-2022-13774	'Agricultural Drone'	Iqra University	Main	Software Engineering
303	NGIRI-2022-14241	'Smart Glasses '	Iqra University	Main	Computer Science
304	NGIRI-2022-14256	'Drone Light Show'	Iqra University	Main	Computer Science
305	NGIRI-2022-14314	'DIALYZER REPROCESSING MACHINE'	Iqra University	Main	Electronics Engineering
306	NGIRI-2022-14335	'Speed Control of AC Motor with Encoder Feedback'	Iqra University	Main	Electrical Engineering
307	NGIRI-2022-14336	'Deep Learning Based Human Motion Recognition'	Iqra University	Main	Electronics Engineering
308	NGIRI-2022-14338	'Development of Low Cost Health Prognosis Monitoring System using MYO ELECTRODE with EHealth Shield'	Iqra University	Main	Software Engineering
309	NGIRI-2022-14567	'Automation of Butter Production from Butter Cream by PLC'	Iqra University	Main	Electronics Engineering
310	NGIRI-2022-14709	'Uninterruptable Power Supply With Android Application'	Iqra University	Main	Electrical Engineering
311	NGIRI-2022-14870	'JetMan Robust Detection and Recognition ROBOT '	Iqra University	Main	Telecom Engineering
312	NGIRI-2022-15111	'Development of MYO ELECTRODE based Mobile Platform for detection of prognosis with Neurological Disable Patients '	Iqra University	Main	Software Engineering
313	NGIRI-2022-15483	'Smart Aeroponics System'	Iqra University	Main	Electronics Engineering
314	NGIRI-2022-15490	'Artificial Neural Network Based Iris Recognition'	Iqra University	Main	Telecom Engineering
315	NGIRI-2022-16059	'Design and Development of Women Cognitive Based Makeup Selection Device'	Iqra University	Main	Computer Science
316	NGIRI-2022-16061	'Smart Guide Stick'	Iqra University	Main	Computer Science
317	NGIRI-2022-16078	'Automatic Synchronization of generator with cloud based monitoring system'	Iqra University	Main	Electrical Engineering
318	NGIRI-2022-15706	'Smart helmet operated ignition and emergency alert system for bike '	Islamia College Peshawar	Main	Computer Science
319	NGIRI-2022-11208	'Modelling and Fabrication of Electric Vehicle'	Isra University	Hyderabad	Mechanical Engineering
320	NGIRI-2022-11216	'DESIGN FABRICATION AND ANALYSIS OF 3D PRINTER'	Isra University	Hyderabad	Mechanical Engineering
321	NGIRI-2022-11244	'Design and Implementation of Grid Connected System using bidirectional Energy Meter'	Isra University	Hyderabad	Electrical Power Engineering
322	NGIRI-2022-11326	'Interactive Physiotherapy on Virtual Reality VR Using BioFeedback Sensors'	Isra University	Hyderabad	Electrical Engineering
323	NGIRI-2022-12397	'Single Phase Variable Frequency Drive for Fixed Load'	Isra University	Hyderabad	Electrical Engineering
324	NGIRI-2022-12431	'NON-CONVENTIONAL AC generation with solar strings'	Isra University	Hyderabad	Electrical
325	NGIRI-2022-11033	'Upper limb exoskeleton '	Khawaja Fareed University of Engineering and Information Technology	Main	Mechanical Engineering
326	NGIRI-2022-11906	'Covid-19 SOPs Detection and Monitoring System '	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science
327	NGIRI-2022-12655	'Smart Home Management system '	Khawaja Fareed University of Engineering and Information Technology	Main	Electrical Engineering

328	NGIRI-2022-12714	'Development and Assessment of Automatic Smart Irrigation System '	Khawaja Fareed University of Engineering and Information Technology	Main	Engineering and Sciences
329	NGIRI-2022-12816	'GSM and GPS based Garbage cleaning system'	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Engineering
330	NGIRI-2022-13290	'Artificial intelligence based Indigineous Photocatalytic CO2 reduction Reactor for Energy application'	Khawaja Fareed University of Engineering and Information Technology	Main	Science & Technology
331	NGIRI-2022-13307	'Goods Delivery Drone'	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Engineering
332	NGIRI-2022-13314	'Iot base smart incubator system and iot base control shed '	Khawaja Fareed University of Engineering and Information Technology	Main	Software Engineering
333	NGIRI-2022-13324	'IOT based Health Monitoring Stick for Special Peoples '	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Engineering
334	NGIRI-2022-13438	'Connect IT people and Organizations with ConnectOrg'	Khawaja Fareed University of Engineering and Information Technology	Main	Software Engineering
335	NGIRI-2022-13864	'RAHBER'	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science
336	NGIRI-2022-14047	'Computer-Aided Drug Designing against Angiotensin-Converting Enzyme 2(ACE-2) with the help of modern bioinformatics techniques and tools.'	Khawaja Fareed University of Engineering and Information Technology	Main	Bio-Informatics
337	NGIRI-2022-14229	'Smart Parking and Charging system for E.bikes'	Khawaja Fareed University of Engineering and Information Technology	Main	Electrical Engineering
338	NGIRI-2022-14254	'Smart soil sensor to measure agro-economic properties '	Khawaja Fareed University of Engineering and Information Technology	Main	Science & Technology
339	NGIRI-2022-14293	'indigeneous nanodrop drive UV and visible spectrometer through IoP'	Khawaja Fareed University of Engineering and Information Technology	Main	Electrical
340	NGIRI-2022-14427	'Layer hen farming mangement'	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science
341	NGIRI-2022-14721	'Disease Detection of crops'	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science & IT
342	NGIRI-2022-14980	'Energy conversion and storage through piezoelectric material based sensors'	Khawaja Fareed University of Engineering and Information Technology	Main	Science & Technology
343	NGIRI-2022-15008	'Biometric ignition switch for the vehicle using microcontroller'	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science & IT
344	NGIRI-2022-15013	'Vehicle Breakdown Assistantance App'	Khawaja Fareed University of Engineering and Information Technology	Main	Information Technology
345	NGIRI-2022-15102	'Automatic solar tracking system '	Khawaja Fareed University of Engineering and Information Technology	Main	Science & Technology
346	NGIRI-2022-15743	'Humara Kissan'	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science
347	NGIRI-2022-15916	'Merits and Future of Energy Storing Bricks'	Khawaja Fareed University of Engineering and Information Technology	Main	Electrical/Electronics Engineering
348	NGIRI-2022-16053	'Portable Emergency Ventilator with Vitals Monitoring System'	Khawaja Fareed University of Engineering and Information Technology	Main	Mechanical Engineering
349	NGIRI-2022-16324	'Energy Efficient Prefab Eco Smart House for Alternative Housing Solutions'	Khawaja Fareed University of Engineering and Information Technology	Main	Management and Information Sciences
350	NGIRI-2022-12892	'FACE RECOGNITION SYSTEM'	Khushal Khan Khattak University	Karak	Computer Science
351	NGIRI-2022-12975	'Access Andriod Phone Through Sms'	Khushal Khan Khattak University	Karak	Computer Science
352	NGIRI-2022-13403	'Face Mask Detection And Alert System '	Khushal Khan Khattak University	Karak	Computer Science
353	NGIRI-2022-12534	'Smart VR Based Urban Flood Disaster Management App Using Deep Learning & Drone Technologies'	Lahore College for Women University	Lahore	Computer Science

354	NGIRI-2022-12616	'Smart drone scouting app for precision agriculture using whole field based deep learning techniques'	Lahore College for Women University	Lahore	Computer System
355	NGIRI-2022-13240	'Robo Server for food management services '	Lahore College for Women University	Lahore	Electrical Engineering
356	NGIRI-2022-14103	'Microcontroller based smart blind stick'	Lahore College for Women University	Lahore	Electrical Engineering
357	NGIRI-2022-14142	'Low cost mechanical ventilator '	Lahore College for Women University	Lahore	Electrical Engineering
358	NGIRI-2022-12251	'Smart Monitoring and prediction of Agriculture System'	Lahore Garrison University	Main	Computer Science
359	NGIRI-2022-12576	'Android based Home Automation System'	Lahore Garrison University	Main	Computer Science & IT
360	NGIRI-2022-12807	'Prosthetic Limb'	Lahore Garrison University	Main	Software Engineering
361	NGIRI-2022-13216	'DEEP LEARNING EMPOWERED CONTINUOUS BLOOD GLUCOSE MONITORING FOR DIABETES BASED ON PPG SIGNAL'	Lahore Garrison University	Main	Software Engineering
362	NGIRI-2022-13609	'AI Guardian'	Lahore Garrison University	Main	Computer Science
363	NGIRI-2022-14094	'IoT based smart gas stove '	Lahore Garrison University	Main	Computer Science
364	NGIRI-2022-14145	'Semi Intelligent Electric Wheelchair '	Lahore Garrison University	Main	Computer Science
365	NGIRI-2022-14325	'Fair Repair'	Lahore Garrison University	Main	Software Engineering
366	NGIRI-2022-14347	'EYE MART'	Lahore Garrison University	Main	Computer System
367	NGIRI-2022-14987	'Dr Plant'	Lahore Garrison University	Main	Software Engineering
368	NGIRI-2022-11088	Implementation of secure anti-theft automotive system with blind spot warning system	Mehran University of Engineering & Technology	Jamshoro	Electronics Engineering
369	NGIRI-2022-11195	'Smart Gloves for Sign Language Communication '	Mehran University of Engineering & Technology	Jamshoro	Biomedical Engineering
370	NGIRI-2022-11196	'Remotely monitored low-cost portable water turbine'	Mehran University of Engineering & Technology	Jamshoro	Telecom Engineering
371	NGIRI-2022-11226	Synthesis And Characterization Of Aloe-Vera/ Curcumin loaded Zein Nano Fibrous Smart dressing for Diabetic foot Ulcer	Mehran University of Engineering & Technology	Jamshoro	Biomedical Engineering
372	NGIRI-2022-11322	'Machine Vision based Smart Spraying System for Weed and Disease Control of Vegetables'	Mehran University of Engineering & Technology	Jamshoro	Mechatronics Engineering
373	NGIRI-2022-11397	'Smart indoor objects delivery system'	Mehran University of Engineering & Technology	Jamshoro	Computer System Engineering
374	NGIRI-2022-11401	IOT BASED SMART GRID SYSTEM WITH HYBRID POWER GENERATION	Mehran University of Engineering & Technology	Jamshoro	Electronics Engineering
375	NGIRI-2022-11403	'SMART IOT BASED SOLAR PANEL DEFECTS DETECTION USING DRONES TECHNOLOGY '	Mehran University of Engineering & Technology	Jamshoro	Mechatronics Engineering
376	NGIRI-2022-11411	'Mobile Social Robot for Autistic Children'	Mehran University of Engineering & Technology	Jamshoro	Mechatronics Engineering
377	NGIRI-2022-11437	'Design and development of soft robotic hand by flexible hybrid pneumatic actuator'	Mehran University of Engineering & Technology	Jamshoro	Mechanical Engineering
378	NGIRI-2022-11450	'An improved water quality monitoring IoT based system with bacterial prediction'	Mehran University of Engineering & Technology	Jamshoro	Computer System
379	NGIRI-2022-11463	'Smart Waste Segregation And Compaction Using IOT'	Mehran University of Engineering & Technology	Jamshoro	Computer & Information System Engineering
380	NGIRI-2022-11464	'FPGA Based Lane Detection And Tracking System For Autonomous Vehicles'	Mehran University of Engineering & Technology	Jamshoro	Electronics Engineering
381	NGIRI-2022-11558	'Speech Emotion Recognition For the Urdu Language'	Mehran University of Engineering & Technology	Jamshoro	Telecom Engineering
382	NGIRI-2022-11580	'Design and development of agricultural soil moisture detector and control robot.'	Mehran University of Engineering & Technology	Jamshoro	Mechanical Engineering
383	NGIRI-2022-11624	'Towards fourth industrial revolution impact : Soil nutrient analysis based fertilizer recommendation system'	Mehran University of Engineering & Technology	Jamshoro	Computer System Engineering
384	NGIRI-2022-11723	'Automated image dataset collection system for cotton crop leaves'	Mehran University of Engineering & Technology	Jamshoro	Electronics Engineering
385	NGIRI-2022-12254	'Development of a Low Cost Autonomously Controlled Track Recording Vehicle'	Mehran University of Engineering & Technology	Jamshoro	Mechanical Engineering
386	NGIRI-2022-13145	'IoT Based Energy management and Monitoring System'	Mehran University of Engineering & Technology	Jamshoro	Computer System Engineering
387	NGIRI-2022-14086	'Improved Maximum Power Point Tracking Algorithms for Photovoltaic System'	Mehran University of Engineering & Technology	Jamshoro	Electrical Engineering
388	NGIRI-2022-14240	'Development of dark field illumination algorithm for railway dip angle detection using machine learning approach'	Mehran University of Engineering & Technology	Jamshoro	Telecom Engineering
389	NGIRI-2022-14275	'Power quality analysis of transmission line by using UPFC controller'	Mehran University of Engineering & Technology	Jamshoro	Electrical Engineering

390	NGIRI-2022-14340	'Design simulation and fabrication of maglev motor in comsol multiphysics used in artificial heart '	Mehran University of Engineering & Technology	Jamshoro	Biomedical Engineering
391	NGIRI-2022-14587	'TO DESIGN THE PI CONTROLLER FOR ENHANCEMENT OF PERFORMANCE OF HYBRID POWER GENERATION SYSTEM'	Mehran University of Engineering & Technology	Jamshoro	Electrical Engineering
392	NGIRI-2022-14609	'Design and Development of Go-Together Mobile Application (GTMA)'	Mehran University of Engineering & Technology	Jamshoro	Computer System Engineering
393	NGIRI-2022-14611	'Identification of adulterant nature in liquids using optical sensor'	Mehran University of Engineering & Technology	Jamshoro	Telecom Engineering
394	NGIRI-2022-14843	'Speed Control of Brushless DC Motor Using Adaptive Fuzzz PID Speed Controller'	Mehran University of Engineering & Technology	Jamshoro	Electrical Engineering
395	NGIRI-2022-11496	'MUET SZAB Transport System'	Mehran University of Engineering & Technology	Khairpur	Software Engineering
396	NGIRI-2022-12458	'Household Energy Consumption Optimization using Cloud Computing'	Mehran University of Engineering & Technology	Khairpur	Electrical Engineering
397	NGIRI-2022-14529	'Experimental Analysis and Control of Wind Turbine System based on Permanent Magnet Synchronous Generator (PMSG) for Power Optimization'	Mehran University of Engineering & Technology	Khairpur	Electrical Engineering
398	NGIRI-2022-15333	'Power flow and Contingency Analysis of SEPCO Region Based on Grid Code using Power System Simulator'	Mehran University of Engineering & Technology	Khairpur	Electrical Engineering
399	NGIRI-2022-16003	'Design of Peltier Based Solarized Refrigeration System'	Mehran University of Engineering & Technology	Khairpur	Electrical Engineering
400	NGIRI-2022-16152	'Internet Of Things (IoT) Based Monitoring and Control System of Distribution Transformer.'	Mehran University of Engineering & Technology	Khairpur	Electrical Power Engineering
401	NGIRI-2022-15757	'Smart Traffic Management System'	Minhaj University	Main	Computer Science
402	NGIRI-2022-15758	'Anti Theft Bike System With Instant Location'	Minhaj University	Main	Computer Science
403	NGIRI-2022-15759	'Automatic Vehicle Accident Detection and Rescue System '	Minhaj University	Main	Computer Science
404	NGIRI-2022-16029	'IOT based Intelligent Gas Leakage Detector Using Arduino'	Minhaj University	Main	Computer Science
405	NGIRI-2022-16032	'Smart Door With AI'	Minhaj University	Main	Computer Science & IT
406	NGIRI-2022-10933	'AL Niswah app'	Mirpur University of Science and Technology (MUST)	Mirpur	Computer System Engineering
407	NGIRI-2022-11215	'Generation of electricity from waste materials'	Mirpur University of Science and Technology (MUST)	Mirpur	Electrical Engineering
408	NGIRI-2022-11329	'Drive Automated System for FAR and DISTORTED Number Plate Recognition'	Mirpur University of Science and Technology (MUST)	Mirpur	Computer Science & IT
409	NGIRI-2022-12940	'SDN-BASED NETWORK'	Mirpur University of Science and Technology (MUST)	Mirpur	Computer Science & IT
410	NGIRI-2022-15206	'Solar Health Monitoring System'	Mirpur University of Science and Technology (MUST)	Mirpur	Electrical Engineering
411	NGIRI-2022-15353	'Deep learning based Urdu text detection & recognition'	Mirpur University of Science and Technology (MUST)	Mirpur	Computer Science & IT
412	NGIRI-2022-16296	'Automatic license recognition system using image processing'	Mirpur University of Science and Technology (MUST)	Mirpur	Computer System Engineering
413	NGIRI-2022-13841	'Agriculture Land Analysis System Using GIS And Machine Learning '	MNS University of Agriculture, Multan	Main	Computer Science
414	NGIRI-2022-14501	'Early Earthquake Detection Smart Bed'	MNS University of Agriculture, Multan	Main	Computer Science
415	NGIRI-2022-14508	'Smart Solar Power Bench'	MNS University of Agriculture, Multan	Main	Computer System
416	NGIRI-2022-14516	Early Gas Leakage Detection and Alert System	MNS University of Agriculture, Multan	Main	Information Technology
417	NGIRI-2022-15025	'Smart Car Human Protection'	MNS University of Agriculture, Multan	Main	Information Technology
418	NGIRI-2022-15194	'Poultry Farm Automation'	MNS University of Agriculture, Multan	Main	Computer Science
419	NGIRI-2022-15287	'IoT Based Smart Water Quality Monitoring System'	MNS University of Agriculture, Multan	Main	Computer Science & IT
420	NGIRI-2022-15585	'IoT based Animal Health Monitoring with Naive Bayes Classification'	MNS University of Agriculture, Multan	Main	Computer Science & IT
421	NGIRI-2022-15958	MuhCallMech App	MNS University of Agriculture, Multan	Main	Computer Science & IT
422	NGIRI-2022-16130	'IoT Based Indoor Smart Fish Farming in Optimal Duration'	MNS University of Agriculture, Multan	Main	Computer Science
423	NGIRI-2022-16462	Weather Station	MNS University of Agriculture, Multan	Main	Computer Science & IT
424	NGIRI-2022-13773	'An Intelligent Cleaning Robot for Solar Photovoltaic Power Plant'	Mohammad Ali Jinnah University	Karachi	Electrical Engineering

425	NGIRI-2022-13778	'Smart Farming System'	Mohammad Ali Jinnah University	Karachi	Software Engineering
426	NGIRI-2022-13782	'Computer Vision Based Smart Fruit Sorter'	Mohammad Ali Jinnah University	Karachi	Electrical Engineering
427	NGIRI-2022-13784	'Computer Vision-based Smart Railway Track Crack Detecting System'	Mohammad Ali Jinnah University	Karachi	Electrical Engineering
428	NGIRI-2022-13792	'(SIGN LANGUAGE RECOGNITION) mobile application '	Mohammad Ali Jinnah University	Karachi	Computer Science
429	NGIRI-2022-13829	'Revolution 4.0'	Mohammad Ali Jinnah University	Karachi	Computer Science
430	NGIRI-2022-13928	'Identification of disregulatory genes in parkinsons disease gene expression data using bioinformatics analysis'	Mohammad Ali Jinnah University	Karachi	Bio-Informatics
431	NGIRI-2022-13966	'Autonomic Disease Diagnostics System for Chest Radiographs'	Mohammad Ali Jinnah University	Karachi	Computer Science
432	NGIRI-2022-14078	'Emotion Detection from Text and Media'	Mohammad Ali Jinnah University	Karachi	Computer Science
433	NGIRI-2022-14102	'Digital Identity'	Mohammad Ali Jinnah University	Karachi	Software Engineering
434	NGIRI-2022-14161	'Smart Home'	Mohammad Ali Jinnah University	Karachi	Software Engineering
435	NGIRI-2022-14945	'Assessment of Special Students Needs'	Mohammad Ali Jinnah University	Karachi	Software Engineering
436	NGIRI-2022-16459	'Smart Contracted IoT Campus'	Mohammad Ali Jinnah University	Karachi	Computer System Engineering
437	NGIRI-2022-11177	'Portable ventilator '	Muhammad Nawaz Sharif University of Engineering & Technology	Main	Electrical Engineering
438	NGIRI-2022-12724	'Design and Implementation of Electric Assisted Bicycle (E-Bicycle) with Self Recharging Mechanism'	Muhammad Nawaz Sharif University of Engineering & Technology	Main	Electrical Engineering
439	NGIRI-2022-12760	'Smart Load Management System and IOT based Energy meter '	Muhammad Nawaz Sharif University of Engineering & Technology	Main	Electrical Power Engineering
440	NGIRI-2022-12763	'Maximum Power Point Tracking Of Photo Cell With Pure Sine Wave Inverter'	Muhammad Nawaz Sharif University of Engineering & Technology	Main	Electrical Engineering
441	NGIRI-2022-12818	'SCADA Base Solar Irrigation System'	Muhammad Nawaz Sharif University of Engineering & Technology	Main	Electrical Engineering
442	NGIRI-2022-14526	'IOT and Deep Learning based Plant Monitoring System and Diseases Classification '	Muhammad Nawaz Sharif University of Engineering & Technology	Main	Computer Science
443	NGIRI-2022-15349	'NLP Based Chatbot'	Muhammad Nawaz Sharif University of Engineering & Technology	Main	Computer Science
444	NGIRI-2022-12191	'Water Treatment via Ozonation using PV Panel'	Namal College, Mianwali	Main	Electrical/Electronics Engineering
445	NGIRI-2022-12993	'An Autonomous Robot with Self Navigation & Book Placement for Library'	Namal College, Mianwali	Main	Electrical Engineering
446	NGIRI-2022-13513	'Automated voltage regulating transformer with IOT based monitoring system'	Namal College, Mianwali	Main	Electrical Engineering
447	NGIRI-2022-14307	'Design an autonomous robot for disinfection of enclosed spaces'	Namal College, Mianwali	Main	Electrical Engineering
448	NGIRI-2022-11662	'Smart asthma inhaler'	National Textile University	Main	Computer Science & IT
449	NGIRI-2022-11975	'Augmented Reality based Shoes Identification '	National Textile University	Main	Software Engineering
450	NGIRI-2022-12066	'Digital Ear'	National Textile University	Main	Computer System
451	NGIRI-2022-12490	'Thread Count Per Square Inch in Woven Fabric Using Image Processing'	National Textile University	Main	Computer Science
452	NGIRI-2022-12632	'Service Oriented Architecture'	National Textile University	Main	Computer Engineering
453	NGIRI-2022-14382	'ENVISION OF 3D OBJECTS WITH AUGMENTED REALITY IN ONLINE SHOPPING '	National Textile University	Main	Computer Science & IT
454	NGIRI-2022-14476	'LUNGS CANCER DETECTION USING DEEP LEARNING'	National Textile University	Main	Computer Science
455	NGIRI-2022-14907	'Caustic Concentration and Level Control System for textile industry'	National Textile University	Main	Computer Science & IT
456	NGIRI-2022-12024	'Aggregated Model of VPP For Stability Enhancement in Power System Network using V to G A Conceptual Framework with reference to rural electrification'	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Electrical Power Engineering

457	NGIRI-2022-12131	'PC BUILDER'	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faislabad	Computer System
458	NGIRI-2022-13279	'EKAAM'	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faislabad	Computer Science
459	NGIRI-2022-15708	'Voltage Control of DFIG at Variable Wind Speed'	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faislabad	Electrical Engineering
460	NGIRI-2022-15725	'IoT based Solar powered Smart Irrigation system'	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faislabad	Electrical
461	NGIRI-2022-15762	'Solar Based Smart Energy Efficient Water Purifier'	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faislabad	Electrical Engineering
462	NGIRI-2022-15814	'Asset Tokenization Using Blockchain'	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faislabad	Computer Science
463	NGIRI-2022-15858	'CLUSTBY'	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faislabad	Computer Science
464	NGIRI-2022-16380	'IoT Based Distribution Transformer Designing and Health Monitoring System'	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faislabad	Electrical Engineering
465	NGIRI-2022-14475	'SMART FIRE FIGHTING AND PROTECTION SYSTEM'	National University of Computer and Emerging Sciences (FAST-NU)	Karachi	Electrical Engineering
466	NGIRI-2022-14812	'Machine Learning based Smart Grid Load Forecasting and Optimization'	National University of Computer and Emerging Sciences (FAST-NU)	Karachi	Electrical Engineering
467	NGIRI-2022-14844	'Power Generation Through Speed Breaker'	National University of Computer and Emerging Sciences (FAST-NU)	Karachi	Electrical Engineering
468	NGIRI-2022-15317	'IoT Based Smart Surveillance Using AI and Blockchain'	National University of Computer and Emerging Sciences (FAST-NU)	Karachi	Electrical Engineering
469	NGIRI-2022-12782	'Autonomous Air Sanitization Machine'	National University of Computer and Emerging Sciences (FAST-NU)	Lahore	Electrical Engineering
470	NGIRI-2022-15843	'Intelligent Bionic Arm'	National University of Computer and Emerging Sciences (FAST-NU)	Peshawar	Electrical/Electronics Engineering
471	NGIRI-2022-16091	'Enhanced Safety Protocols for Dizziness Detection Using EEG SIGNALS'	National University of Computer and Emerging Sciences (FAST-NU)	Peshawar	Electrical Engineering
472	NGIRI-2022-16124	'Automatic Detection and Identification of PV Array Faults Using IoT'	National University of Computer and Emerging Sciences (FAST-NU)	Peshawar	Electrical Power Engineering
473	NGIRI-2022-11296	'Real time Sign Language to Text and Text to sign Language Interpreter'	National University of Modern Languages	Islamabad	Software Engineering
474	NGIRI-2022-12147	'Virtual scene rendering for deaf people using AI based audio analysis'	National University of Modern Languages	Islamabad	Electrical Engineering
475	NGIRI-2022-12204	'Fault detection and diagnostic system'	National University of Modern Languages	Islamabad	Electrical Engineering
476	NGIRI-2022-12445	'CELLULAR NETWORK PERFORMANCE ANALYSIS FOR LTE CONTROLLED UAVS'	National University of Modern Languages	Islamabad	Electrical Engineering
477	NGIRI-2022-14326	'Driver's Smart Health Monitoring System'	National University of Modern Languages	Islamabad	Electrical Engineering
478	NGIRI-2022-15022	'NUML Smart Card System'	National University of Modern Languages	Islamabad	Software Engineering
479	NGIRI-2022-10892	'IOT based smart Agriculture monitoring and guiding system'	National University of Modern Languages	Rawalpindi	Electrical Engineering
480	NGIRI-2022-10947	'Smart Navigation System for Blind using Raspberry Pi'	National University of Modern Languages	Rawalpindi	Electrical/Electronics Engineering
481	NGIRI-2022-10951	'Digital stethoscope'	National University of Modern Languages	Rawalpindi	Electrical/Electronics Engineering
482	NGIRI-2022-11134	'Obstacle Avoidance Flight Controller Quadcopter'	National University of Modern Languages	Rawalpindi	Electrical Engineering
483	NGIRI-2022-11274	'Smart Greenhouse Farming based on IoT'	National University of Modern Languages	Rawalpindi	Electrical Engineering
484	NGIRI-2022-11309	'IoT base healthcare monitoring using ECG and respiratory system'	National University of Modern Languages	Rawalpindi	Electrical/Electronics Engineering
485	NGIRI-2022-11472	'restaurant menu using 3d modelling'	National University of Modern Languages	Rawalpindi	Computer Science

486	NGIRI-2022-11740	'Digital Polio Vaccination System'	National University of Modern Languages	Rawalpindi	Computer Science
487	NGIRI-2022-11760	'Patient Appointment and Documentation System through Biometric and Vital Signs Recognition'	National University of Modern Languages	Rawalpindi	Software Engineering
488	NGIRI-2022-11829	'Liver Tumor diagnosis Desktop Application using Deep Learning and Challenging Dataset '	National University of Modern Languages	Rawalpindi	Software Engineering
489	NGIRI-2022-12108	'Facial Recognition Based Intelligent Glasses For Amnestic Syndrome'	National University of Modern Languages	Rawalpindi	Software Engineering
490	NGIRI-2022-11451	'Real Time Autonomous Surveillance using Multiple Drones'	National University of Science and Technology (NUST)	(CAE) College of Aeronautical Engineering	Avionics/Aeronautical Engineering
491	NGIRI-2022-11483	'Design and Development of Laser Absorbing Material for Main Battle Tank'	National University of Science and Technology (NUST)	(CAE) College of Aeronautical Engineering	Avionics/Aeronautical Engineering
492	NGIRI-2022-11490	'Design and development of Data Acquisition System for instrument system of Jet Engine Test Bed'	National University of Science and Technology (NUST)	(CAE) College of Aeronautical Engineering	Aerospace Engineering
493	NGIRI-2022-11676	'Design and Development of AI Based Self learning Communication Jammer'	National University of Science and Technology (NUST)	(CAE) College of Aeronautical Engineering	Avionics/Aeronautical Engineering
494	NGIRI-2022-11677	'Design and modeling of an RL based AI agent for jamming mitigation in communication jamming environment'	National University of Science and Technology (NUST)	(CAE) College of Aeronautical Engineering	Avionics/Aeronautical Engineering
495	NGIRI-2022-11680	'Software development for identification of out of limit values of FDCVR system of Transport aircraft'	National University of Science and Technology (NUST)	(CAE) College of Aeronautical Engineering	Avionics Engineering
496	NGIRI-2022-11682	'Hand grenade capable drone'	National University of Science and Technology (NUST)	(CAE) College of Aeronautical Engineering	Avionics Engineering
497	NGIRI-2022-11685	'AI-DRIVEN AUTONOMOUS CRISIS REPORTING SYSTEM BASED ON ANOMALY DETECTION USING VIDEO SURVEILLANCE'	National University of Science and Technology (NUST)	(CAE) College of Aeronautical Engineering	Avionics Engineering
498	NGIRI-2022-11691	'Real Time Panorama Image Stitching for Implementation in Helmet Mounted Displays of Fighter Aircraft'	National University of Science and Technology (NUST)	(CAE) College of Aeronautical Engineering	Avionics Engineering
499	NGIRI-2022-11863	'Feedback control system design of 3rd stage of anti-satellite missile'	National University of Science and Technology (NUST)	(CAE) College of Aeronautical Engineering	Aerospace Engineering
500	NGIRI-2022-16234	'Engineering Failure Analysis of Aerospace Applications and suggest design improvements '	National University of Science and Technology (NUST)	(CAE) College of Aeronautical Engineering	Aerospace Engineering
501	NGIRI-2022-13173	'Cavity Detection System'	National University of Science and Technology (NUST)	(PNEC) Pakistan Naval Engineering College	Electrical Engineering
502	NGIRI-2022-13471	'Secure Optical Communication using Visible and Invisible Light'	National University of Science and Technology (NUST)	(PNEC) Pakistan Naval Engineering College	Electrical Engineering
503	NGIRI-2022-16176	'Development of a smart glove'	National University of Science and Technology (NUST)	(PNEC) Pakistan Naval Engineering College	Mechanical Engineering
504	NGIRI-2022-11895	'AI based Smart Gloves'	National University of Science and Technology (NUST)	CEME	Computer Engineering
505	NGIRI-2022-12606	'MIG Based Metal Additive Manufacturing System'	National University of Science and Technology (NUST)	CEME	Mechatronics Engineering
506	NGIRI-2022-14032	'Micro UAV involving flapping mechanism'	National University of Science and Technology (NUST)	CEME	Mechatronics Engineering
507	NGIRI-2022-15133	'Multi-modal Sensor Fusion (Camera, LiDAR) for Environmental Depth Perception for Autonomous Vehicles '	National University of Science and Technology (NUST)	CEME	Mechatronics Engineering
508	NGIRI-2022-15202	'Remote Control Vehicle for Detonation or Safe Disposal of IEDs based on video feedback'	National University of Science and Technology (NUST)	CEME	Mechatronics Engineering
509	NGIRI-2022-15644	'Ababeel Morphing Drone'	National University of Science and Technology (NUST)	CEME	Mechanical Engineering
510	NGIRI-2022-16434	'Smart Aerial Drone based Surveillance System'	National University of Science and Technology (NUST)	CEME	Computer Engineering
511	NGIRI-2022-12424	'Asthma Monitoring using IoT and Edge Technology'	National University of Science and Technology (NUST)	Main	Computer Engineering
512	NGIRI-2022-12628	'Wankel Rotary Engine'	National University of Science and Technology (NUST)	Main	Mechanical Engineering
513	NGIRI-2022-12733	'Autonomous Mobile Robot'	National University of Science and Technology (NUST)	Main	Mechanical Engineering

514	NGIRI-2022-12764	'Deep Learning Based Suggestive Mechanism for Aquaponics'	National University of Science and Technology (NUST)	Main	Electrical Engineering
515	NGIRI-2022-14172	'Design and Development of Oxygen Concentrator'	National University of Science and Technology (NUST)	Main	Mechanical Engineering
516	NGIRI-2022-14448	'Design and Development of IoT Network for Smart Aquaponics'	National University of Science and Technology (NUST)	Main	Electrical Engineering
517	NGIRI-2022-14809	'Crop Disease Scouting using AI and IoT Technology'	National University of Science and Technology (NUST)	Main	Software Engineering
518	NGIRI-2022-15172	'Refrigeration System based on Vapour Absorption Cycle having Solar Powered Generator for Domestic Use'	National University of Science and Technology (NUST)	Main	Mechanical Engineering
519	NGIRI-2022-15601	'Breast Cancer Detection via Microwave Imaging'	National University of Science and Technology (NUST)	Main	Electrical Engineering
520	NGIRI-2022-10925	'RIoT'S'	National University of Science and Technology (NUST)	MCS	Electrical Engineering
521	NGIRI-2022-11332	'Road accident avoiding system'	National University of Science and Technology (NUST)	MCS	Software Engineering
522	NGIRI-2022-12333	'SMA WAF'	National University of Science and Technology (NUST)	MCS	Telecom Engineering
523	NGIRI-2022-16148	'Artificial Intelligence Accelerator'	National University of Science and Technology (NUST)	MCS	Electrical Engineering
524	NGIRI-2022-11102	'Smart Security System'	National University of Technology (NUTECH), Islamabad	Islamabad	Computer Science
525	NGIRI-2022-11325	'Design and Hardware Implementation of Bidirectional Power Converter For Vehicle Grid Integration'	National University of Technology (NUTECH), Islamabad	Islamabad	Electrical Engineering
526	NGIRI-2022-11335	'IOT Based Smart Energy System For NUTECH'	National University of Technology (NUTECH), Islamabad	Islamabad	Electrical Engineering
527	NGIRI-2022-11339	'GPS and IoT based Real-Time Vehicle Tracking System using Smartphone'	National University of Technology (NUTECH), Islamabad	Islamabad	Computer Engineering
528	NGIRI-2022-11375	'Design and Implementation of IoT based Smart Energy Meter'	National University of Technology (NUTECH), Islamabad	Islamabad	Electrical Engineering
529	NGIRI-2022-11497	'An automated personality prediction by video processing using deep learning '	National University of Technology (NUTECH), Islamabad	Islamabad	Computer Science
530	NGIRI-2022-11499	'Deep Learning-Based Facial Recognition System For Automated Attendance'	National University of Technology (NUTECH), Islamabad	Islamabad	Computer Science
531	NGIRI-2022-11506	'Real Time Vehicle Security System'	National University of Technology (NUTECH), Islamabad	Islamabad	Computer Science
532	NGIRI-2022-11567	'Design and Fabrication of Test Rig for Disc Brakes'	National University of Technology (NUTECH), Islamabad	Islamabad	Mechanical Engineering
533	NGIRI-2022-12044	'Wireless Electrical Power Transfer System.'	Nazeer Hussain University	Main	Electrical Engineering
534	NGIRI-2022-12059	'DESIGN AND DEVELOPMENT OF GAS, FIRE, SMOKE DETECTION, CONTROL AND MANAGEMENT SYSTEM'	Nazeer Hussain University	Main	Electrical Engineering
535	NGIRI-2022-13835	'Smart watchman'	Nazeer Hussain University	Main	Computer Science
536	NGIRI-2022-11131	'Deep Reinforcement Learning Based Data Driven Vector Control Design of Induction Motor Drive'	NED University of Engineering & Technology	Karachi	Electrical Engineering
537	NGIRI-2022-11182	'Food'	NED University of Engineering & Technology	Karachi	Software Engineering
538	NGIRI-2022-11661	'Remote healthcare monitoring and data analysis of patients'	NED University of Engineering & Technology	Karachi	Software Engineering
539	NGIRI-2022-11724	'Artificial Intelligent Predicated wearable device for detecting and assisting with FoG in Parkinson\'s patients using Cueing techniques and neural networks.'	NED University of Engineering & Technology	Karachi	Electrical Engineering
540	NGIRI-2022-11736	'Try on the go " Artificial Intelligence and Computer Vision powered Virtual Try-on for E-Commerce'	NED University of Engineering & Technology	Karachi	Software Engineering
541	NGIRI-2022-11990	'Energy Efficient Appliance Automation'	NED University of Engineering & Technology	Karachi	Telecom Engineering
542	NGIRI-2022-12180	'Digitalized Blood Donor Finder Platform'	NED University of Engineering & Technology	Karachi	Computer Science & IT
543	NGIRI-2022-12311	'NED Shuttle Service'	NED University of Engineering & Technology	Karachi	Computer Science & IT

544	NGIRI-2022-12462	'Voice Controlled Smart Car'	NED University of Engineering & Technology	Karachi	Electronics
545	NGIRI-2022-12470	'Design of Migraine Management Device'	NED University of Engineering & Technology	Karachi	Biomedical Engineering
546	NGIRI-2022-12495	'Non-destructive Classification of woven fabrics using Machine Learning '	NED University of Engineering & Technology	Karachi	Telecom Engineering
547	NGIRI-2022-12525	'AI Enabled DR Diagnosis FYP '	NED University of Engineering & Technology	Karachi	Computer & Information System Engineering
548	NGIRI-2022-12555	'Software defined camera for outdoor surveillance'	NED University of Engineering & Technology	Karachi	Computer & Information System Engineering
549	NGIRI-2022-12658	'Mask occluded face recognition using Generative Adversarial Network'	NED University of Engineering & Technology	Karachi	Electronics Engineering
550	NGIRI-2022-12660	'Wearable Heat Stroke Prevention Device'	NED University of Engineering & Technology	Karachi	Biomedical Engineering
551	NGIRI-2022-12810	'AI Enabled Urdu OCR for Mobile Devices'	NED University of Engineering & Technology	Karachi	Computer System Engineering
552	NGIRI-2022-12876	'Development of Solar thermal Refrigerator'	NED University of Engineering & Technology	Karachi	Mechanical Engineering
553	NGIRI-2022-12981	'Smart Digital Speedometer and Cruise Control System for Motorbikes'	NED University of Engineering & Technology	Karachi	Electronics Engineering
554	NGIRI-2022-13435	'OBD CHARM'	NED University of Engineering & Technology	Karachi	Software Engineering
555	NGIRI-2022-13906	'Smart Manufacturing Workstation '	NED University of Engineering & Technology	Karachi	Engineering and Sciences
556	NGIRI-2022-14030	'Design Of Low Cost Medical, Portable Oxygen Concentrator'	NED University of Engineering & Technology	Karachi	Electrical
557	NGIRI-2022-14398	'Development of Assistive moving robot for commercial and educational purposes'	NED University of Engineering & Technology	Karachi	Electronics Engineering
558	NGIRI-2022-15158	'Smart Library Assistant Robot'	NED University of Engineering & Technology	Karachi	Computer System Engineering
559	NGIRI-2022-15351	'Three phase BLDC motor controller using FOC algorithm'	NED University of Engineering & Technology	Karachi	Electronics
560	NGIRI-2022-15360	'Development of Low Cost Stationary Laser Scanning System for Generation of Building Information Models'	NED University of Engineering & Technology	Karachi	Electronics Engineering
561	NGIRI-2022-15682	'Adaptation of Smart contract in supply chain management using IOT'	NED University of Engineering & Technology	Karachi	Telecom Engineering
562	NGIRI-2022-15745	'Low Temperature Synthesis and Electro-Mechanical Testing of Zinc Oxide Thin Films on Polymeric Substrates'	NED University of Engineering & Technology	Karachi	Mechanical Engineering
563	NGIRI-2022-15815	'Smart Design of five axis Computer Numerical Control machine for Industrial applications'	NED University of Engineering & Technology	Karachi	Electrical Engineering
564	NGIRI-2022-15882	'Smart Virtual Training Mirror '	NED University of Engineering & Technology	Karachi	Telecom Engineering
565	NGIRI-2022-15890	'Development of Textile based Strain Sensing Actuator'	NED University of Engineering & Technology	Karachi	Mechanical Engineering
566	NGIRI-2022-16178	'Smart Commercial Single Axis Solar Tracking System'	NED University of Engineering & Technology	Karachi	Electrical Engineering
567	NGIRI-2022-16200	'EYES N EARS (A Smart Support for Physically Challenged People)'	NED University of Engineering & Technology	Karachi	Computer & Information System Engineering
568	NGIRI-2022-16357	'An Editor to Autocomplete sentences in Urdu using Natural Language Processing'	NED University of Engineering & Technology	Karachi	Computer System Engineering
569	NGIRI-2022-12316	'Human Controlled Telepresence Robot using smart glasses'	NFC Institute of Engineering and Technology (NFC-UET)	Multan	Electrical Engineering
570	NGIRI-2022-12394	'BROACHING UNCOUTH WATER LEVEL SNAGE IN UNDER-SURFACE FIELD THROUGH REMOTE SENSORS'	NFC Institute of Engineering and Technology (NFC-UET)	Multan	Electrical Engineering
571	NGIRI-2022-12980	'Development of Artificial intelligence system for integration of fast charging station under smart grid environment'	NFC Institute of Engineering and Technology (NFC-UET)	Multan	Electrical Power Engineering
572	NGIRI-2022-12997	'IOT mining and tracking helmet'	NFC Institute of Engineering and Technology (NFC-UET)	Multan	Electrical Power Engineering
573	NGIRI-2022-13057	'UV Sensor Based Dual-Axis Solar Tracking System: Implementation and Analysis'	NFC Institute of Engineering and Technology (NFC-UET)	Multan	Electrical Engineering
574	NGIRI-2022-13098	'Portable High Voltage Electromagnetic Pulse Generator'	NFC Institute of Engineering and Technology (NFC-UET)	Multan	Electrical Engineering
575	NGIRI-2022-15305	'Real Time Environment Sensing and Monitoring System for Coal mining using RF module'	NFC Institute of Engineering and Technology (NFC-UET)	Multan	Electrical
576	NGIRI-2022-11766	'E Donation App'	PAF Karachi Institute of Economics and Technology	Main	Computer System
577	NGIRI-2022-11845	'Mars Perseverance Rover Replica with Arduino'	PAF Karachi Institute of Economics and Technology	Main	Mechatronics Engineering

578	NGIRI-2022-11864	'Design and development of a pure sine wave inverter: A safe supply for digital networks.'	PAF Karachi Institute of Economics and Technology	Main	Electrical Engineering
579	NGIRI-2022-11870	'Autonomous EOD Robot '	PAF Karachi Institute of Economics and Technology	Main	Mechatronics Engineering
580	NGIRI-2022-11874	'Autonomous Waypoint Navigation of Quadcopter using Python Script'	PAF Karachi Institute of Economics and Technology	Main	Mechatronics Engineering
581	NGIRI-2022-11880	'Hexapod Robot'	PAF Karachi Institute of Economics and Technology	Main	Mechatronics Engineering
582	NGIRI-2022-12100	'Design and development of quality control and power monitoring system for dairy shops.'	PAF Karachi Institute of Economics and Technology	Main	Electrical Engineering
583	NGIRI-2022-12408	'Waste Management Application '	PAF Karachi Institute of Economics and Technology	Main	Computer Science
584	NGIRI-2022-12464	'6-DOF Test Bench for Quadcopters'	PAF Karachi Institute of Economics and Technology	Main	Avionics Engineering
585	NGIRI-2022-12471	'3-dof flight simulator& Force feedback controller'	PAF Karachi Institute of Economics and Technology	Main	Avionics Engineering
586	NGIRI-2022-12601	'Five Dimensions'	PAF Karachi Institute of Economics and Technology	Main	Computer Science
587	NGIRI-2022-12607	'Child Security System'	PAF Karachi Institute of Economics and Technology	Main	Computer Science
588	NGIRI-2022-12795	'Malware Prediction System using Machine and Deep Learning'	PAF Karachi Institute of Economics and Technology	Main	Computer Science & IT
589	NGIRI-2022-13045	'Sales Improver '	PAF Karachi Institute of Economics and Technology	Main	Software Engineering
590	NGIRI-2022-11738	'Wrench King Auto Repair'	PAF Karachi Institute of Economics and Technology	North Campus	Computer & Information System Engineering
591	NGIRI-2022-11801	'Autonomous Trolley With Smart Billing'	PAF Karachi Institute of Economics and Technology	North Campus	Computer Science
592	NGIRI-2022-12289	'SMART MOTOR BIKE'	PAF Karachi Institute of Economics and Technology	North Campus	Computer Science & IT
593	NGIRI-2022-12290	'Air Quality Monitoring System'	PAF Karachi Institute of Economics and Technology	North Campus	Computer Science
594	NGIRI-2022-12429	'Smart Mirror'	PAF Karachi Institute of Economics and Technology	North Campus	Computer Science
595	NGIRI-2022-12620	'Sewerage Detection System'	PAF Karachi Institute of Economics and Technology	North Campus	Computer Science
596	NGIRI-2022-11599	'Number Plate Detection and Recognition'	Punjab University	PUCIT, New Campus	Computer Science
597	NGIRI-2022-12111	'Development of Automated Hydroponics '	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Electronics Engineering
598	NGIRI-2022-12788	'Microcontroller Based Plastic Injection Molding Machine'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Mechanical Engineering
599	NGIRI-2022-13027	'Development in a Power Generation through a Renewable Highway Savonius Vertical Axis Wind Turbine System '	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Electrical
600	NGIRI-2022-13300	'IOT BASED SMART BATTERY MONITORING SYSTEM USING NODEMCU AND THINK SPEAK'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Electrical Engineering
601	NGIRI-2022-13464	'Gesture control robotic arm using Myo armband'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Electronics Engineering
602	NGIRI-2022-14390	'Design and hardware implementation of highly efficient fuzzy logic based MPPT controller for PV applications'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Electrical
603	NGIRI-2022-15071	'Design and Development of Interior Permanent Magnet Motor for Electric Traction Applications'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Electrical Engineering
604	NGIRI-2022-15165	'Yolo Based object detection and distance estimation using Jetson nano'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Electronics Engineering
605	NGIRI-2022-16133	'Development of Solar powered parallel manipulators for Multi purpose Agricultural Seeding'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Mechanical Engineering
606	NGIRI-2022-16569	'Charging Station For Electric Vehicles'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Electronics Engineering
607	NGIRI-2022-11135	'ROMANIZED SINDHI TEXT FOR POS TAGGING AND SENTIMENT ANALYSIS '	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Information Technology

608	NGIRI-2022-11953	'Live Multi Persons Attendance System'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Computer Science
609	NGIRI-2022-12508	'Design and fabrication of three axis CNC laser cutting and engraving machine'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Mechanical Engineering
610	NGIRI-2022-12645	'Plant Disease Recognition System'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Computer Science & IT
611	NGIRI-2022-12698	'VALIDATION OF MULTIPLE PATH LOSS MODELS THROUGH FIELD MEASUREMENTS'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Telecom Engineering
612	NGIRI-2022-12966	'Speaking system for mute using hand gesture'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Electronics Engineering
613	NGIRI-2022-12992	'Smart Blind Stick'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Electronics Engineering
614	NGIRI-2022-13094	'GAIT ANALYSIS FOR ANOMALY DETECTION IN THE WALKING PATTERN OF HUMANS'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Electronics Engineering
615	NGIRI-2022-13325	'Improved speed control of a dc drive system based on four quadrat control method.'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Electrical Engineering
616	NGIRI-2022-13329	'Accident prevention detection and reporting system '	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Telecom Engineering
617	NGIRI-2022-13622	'Design and implementation of Inverter for general load'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Electrical Engineering
618	NGIRI-2022-14282	'Automatic Solar Based Water Heating System Through Convex lens'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Electronics Engineering
619	NGIRI-2022-14462	'Low Cost IC\'s Based Digital Logic Design (DLD) /Digital Electronics Lab Modules.'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Telecom Engineering
620	NGIRI-2022-15833	'Blood donation application'	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Computer System Engineering
621	NGIRI-2022-12493	'Internet of things iot based smart office'	Quaid-e-Azam University	Main	Computer Science
622	NGIRI-2022-15693	'10x10 Bit Multiplier'	Quaid-e-Azam University	Main	Electronics
623	NGIRI-2022-13545	'Missing Person Portal'	Qurtaba University of Science & Information Technology	Dera Ismail Khan	Computer Science & IT
624	NGIRI-2022-13599	'IoT based weather monitoring system'	Qurtaba University of Science & Information Technology	Dera Ismail Khan	Electrical Engineering
625	NGIRI-2022-13824	'Telecommunication Customer Churn Predication'	Qurtaba University of Science & Information Technology	Dera Ismail Khan	Computer Science & IT
626	NGIRI-2022-13881	'Wirelessly Controlled Smart Irrigation System Modeling for Precise Application of Water Using IoT based Open Source Technologies'	Qurtaba University of Science & Information Technology	Dera Ismail Khan	Electrical Engineering
627	NGIRI-2022-15784	'Real Time Face Attendance System'	Qurtaba University of Science & Information Technology	Dera Ismail Khan	Computer Science & IT
628	NGIRI-2022-16045	'Employee Management System with QR CodeAttendance'	Qurtaba University of Science & Information Technology	Dera Ismail Khan	Computer Science
629	NGIRI-2022-13370	'infant health breathing problems while sleeping laying while flipped'	Qurtaba University of Science & Information Technology	Peshawar	Computer Science & IT
630	NGIRI-2022-13504	'tracking system for child and their parents'	Qurtaba University of Science & Information Technology	Peshawar	Computer Science & IT
631	NGIRI-2022-12591	'Wireless energy transfer using tesla coil '	Riphah International University	Faisalabad	Department of Electrical Technology
632	NGIRI-2022-12838	'Load control by IOT based efficient hybrid solar thermoelectric generation system by water cooling mechanism'	Riphah International University	Faisalabad	Electrical Engineering
633	NGIRI-2022-12936	'Automatic Accident Detection and Messaging the Rescue System'	Riphah International University	Faisalabad	Department of Electrical Technology
634	NGIRI-2022-16072	'IOT as an efficient monitoring system for control shed Poultry Farming'	Riphah International University	Faisalabad	Electrical Engineering
635	NGIRI-2022-11125	'Design and Fabrication of Electric Bike'	Riphah International University	Islamabad	Electrical Engineering
636	NGIRI-2022-11293	'On-Board Integrated Charger For Electric Vehicles(using MMC)'	Riphah International University	Islamabad	Electrical Engineering
637	NGIRI-2022-11353	'IoT based highway wind turbines for electricity generation'	Riphah International University	Islamabad	Electrical Engineering

638	NGIRI-2022-11398	'Smart Electronic Voting Machine'	Riphah International University	Islamabad	Electrical
639	NGIRI-2022-11440	'Medical AI Hybridization'	Riphah International University	Islamabad	Computer Science
640	NGIRI-2022-11793	'Unmanned Aerial Vehicle For Pesticides spraying'	Riphah International University	Islamabad	Electrical Engineering
641	NGIRI-2022-12080	'EMG Acquisition System'	Riphah International University	Islamabad	Biomedical Engineering
642	NGIRI-2022-12627	'Automation System'	Riphah International University	Islamabad	Computer Science
643	NGIRI-2022-13295	'Design and Development of Digital Stethoscope '	Riphah International University	Islamabad	Biomedical Engineering
644	NGIRI-2022-13334	'Design and Development of Portable Oxygen Concentrator'	Riphah International University	Islamabad	Biomedical Engineering
645	NGIRI-2022-14062	'Autonomous Vehicle'	Riphah International University	Islamabad	Software Engineering
646	NGIRI-2022-14546	'Comparison of Biomarkers for Diagnosis of Alzheimer\'s Disease'	Riphah International University	Islamabad	Biomedical Engineering
647	NGIRI-2022-14874	'Block Chain Pets'	Riphah International University	Islamabad	Software Engineering
648	NGIRI-2022-14880	'QuicB Website building Tool'	Riphah International University	Islamabad	Software Engineering
649	NGIRI-2022-14911	'Water Quality Predictor '	Riphah International University	Islamabad	Computer Science
650	NGIRI-2022-14938	'Interactive E Learning'	Riphah International University	Islamabad	Computer Science
651	NGIRI-2022-15354	'Online Transportation System '	Riphah International University	Islamabad	Software Engineering
652	NGIRI-2022-12896	'IoT Base Hybrid E-Bike Charging Station'	Riphah International University	Lahore	Electrical Engineering
653	NGIRI-2022-12897	'Open Air Source Ventilator'	Riphah International University	Lahore	Electrical Engineering
654	NGIRI-2022-13035	'Smart Real Time(SRT) load management system through mobile app.'	Riphah International University	Lahore	Electrical Engineering
655	NGIRI-2022-13776	'Impact of Static var compensator for the Power Factor Improvement'	Riphah International University	Lahore	Electrical Power Engineering
656	NGIRI-2022-16484	'RFID Based Parking System'	Riphah International University	Lahore	Computer Science
657	NGIRI-2022-16486	'Smart Car'	Riphah International University	Lahore	Computer Science
658	NGIRI-2022-16493	Gesture Control Robotic Car with Object placing Robotic Arm	Riphah International University	Lahore	Electrical Engineering
659	NGIRI-2022-11754	'Non-invasive measurement of JVP'	Salim Habib University(Barrett Hodgson University)	The Salim Habib	Biomedical Engineering
660	NGIRI-2022-13433	'Prototyping a telepresence robot using RPM technology'	Salim Habib University(Barrett Hodgson University)	The Salim Habib	Biomedical Engineering
661	NGIRI-2022-12677	'Development of the Smart Irrigation System Based On Real-Time Data for Sustainable Agriculture in Pakistan'	Sarhad University of Science and IT	Main	Computer Science & IT
662	NGIRI-2022-12718	'Smart Robotic Pattern Drawing For Pakistan\'s Textile Industry'	Sarhad University of Science and IT	Main	Computer Science & IT
663	NGIRI-2022-15754	'Handwritten Text Recognition'	Sarhad University of Science and IT	Main	Computer Science & IT
664	NGIRI-2022-11468	'Voice Controlled Home Automation System (Hardware)'	Shah Abdul Latif University, Khairpur	Khairpur	Computer Science
665	NGIRI-2022-11586	'Design and Development of IoT Based Smart Mirror'	Shah Abdul Latif University, Khairpur	Khairpur	Computer Science & IT
666	NGIRI-2022-11668	'DESIGN AND DEVELOPMENT OF DOOR AND DEVICE CONTROLLER'	Shah Abdul Latif University, Khairpur	Khairpur	Computer Science
667	NGIRI-2022-11861	'Ultimate Car Racing Game'	Shah Abdul Latif University, Khairpur	Khairpur	Computer Science
668	NGIRI-2022-15766	'Tomato plant diseases classification'	Shaheed Benazir Bhutto University, Shaheed Benazirabad	Nawabshah	Computer Science & IT
669	NGIRI-2022-15994	'An App to help protect women from roadside incidents'	Shaheed Benazir Bhutto University, Shaheed Benazirabad	Nawabshah	Computer Science & IT
670	NGIRI-2022-16216	'Nawabshah Donors Hub'	Shaheed Benazir Bhutto University, Shaheed Benazirabad	Nawabshah	Information Technology
671	NGIRI-2022-16223	'SBBU ALERT APP'	Shaheed Benazir Bhutto University, Shaheed Benazirabad	Nawabshah	Information Technology
672	NGIRI-2022-16427	'Disable Child System'	Shaheed Benazir Bhutto University, Shaheed Benazirabad	Nawabshah	Information Technology
673	NGIRI-2022-16591	'Voice Enabled WheelChair'	Shaheed Benazir Bhutto University, Shaheed Benazirabad	Nawabshah	Information Technology
674	NGIRI-2022-10894	'Automated Aerial Tracking and Motion Detection Using Quadcopter '	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Hyderabad	Computer Science
675	NGIRI-2022-15401	'Hold to Ransom'	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Islamabad	Computer Science

676	NGIRI-2022-15415	'Zero Hunger '	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Islamabad	Computer Science
677	NGIRI-2022-15452	'Garbage Classification Using Machine Learning'	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Islamabad	Computer Science
678	NGIRI-2022-15463	'Augmented Reality based Kids Learning'	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Islamabad	Computer Science
679	NGIRI-2022-13232	'ASAAN KISAN '	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Larkana	Computer Science
680	NGIRI-2022-13658	'Falah e khalq donation application'	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Larkana	Computer Science
681	NGIRI-2022-13955	'Masked Face Recognition'	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Larkana	Computer Science
682	NGIRI-2022-14216	'Course Content Evaluation System'	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Larkana	Computer Science
683	NGIRI-2022-11337	'Smart Material Feeder for Pakistani Manufacturers'	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Mechatronics Engineering
684	NGIRI-2022-11846	'Vision AI'	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Computer Science
685	NGIRI-2022-11866	'Apartment Management System OTS'	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Computer Science
686	NGIRI-2022-12083	'Bill To Bill Changer'	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Mechatronics Engineering
687	NGIRI-2022-12129	'AGV Rice Transplanter'	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Mechatronics Engineering
688	NGIRI-2022-12163	'Automated Vertical Warehouse System'	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Mechatronics Engineering
689	NGIRI-2022-11769	'Corona Virus Inspection Robot powered By Data Science AI'	Sindh Agrculture University	Tando Jam	Information Technology
690	NGIRI-2022-14237	'AI BASED PLANT DISEASE DETECTION WITH ANDROID & IOS APP'	Sindh Agrculture University	Tando Jam	Information Technology
691	NGIRI-2022-14306	'Smart system for police by using AI and IoT'	Sindh Agrculture University	Tando Jam	Information Technology
692	NGIRI-2022-12327	'Pro Urdu Lingo'	Sindh Madresatul Islam University	Karachi	Computer Science
693	NGIRI-2022-12405	'Chat Bot for Programming Languages'	Sindh Madresatul Islam University	Karachi	Computer Science
694	NGIRI-2022-10912	'Glucometer'	Sir Syed University of Engineering and Technology (SSUET)	Main	Biomedical Engineering
695	NGIRI-2022-10955	'Underwater Vehicle for Marine Life'	Sir Syed University of Engineering and Technology (SSUET)	Main	Electronics Engineeering
696	NGIRI-2022-11237	'Rover Robot'	Sir Syed University of Engineering and Technology (SSUET)	Main	Electrical Engineering
697	NGIRI-2022-11579	'Automation of Plant and IOT based Data Analysis'	Sir Syed University of Engineering and Technology (SSUET)	Main	Electronics Engineeering
698	NGIRI-2022-11619	'EMG controlled myoelectric upper limb prosthetic'	Sir Syed University of Engineering and Technology (SSUET)	Main	Biomedical Engineering
699	NGIRI-2022-11630	'Pest identification and classification'	Sir Syed University of Engineering and Technology (SSUET)	Main	Software Engineering
700	NGIRI-2022-11733	'Smart Brain Computer Interface for Controlling and Monitoring of Medical Bed'	Sir Syed University of Engineering and Technology (SSUET)	Main	Electronics Engineeering
701	NGIRI-2022-11827	'smart pillow'	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science & IT

702	NGIRI-2022-12152	'DUAL POWERED ELECTRIC WALKING BIKE'	Sir Syed University of Engineering and Technology (SSUET)	Main	Electrical Engineering
703	NGIRI-2022-12189	'Automated stretcher convertible to wheel chair'	Sir Syed University of Engineering and Technology (SSUET)	Main	Biomedical Engineering
704	NGIRI-2022-12775	'Design and Implementation of smart load management system '	Sir Syed University of Engineering and Technology (SSUET)	Main	Electrical Engineering
705	NGIRI-2022-12879	'Delta 3D printer'	Sir Syed University of Engineering and Technology (SSUET)	Main	Electrical Engineering
706	NGIRI-2022-13125	'ARG Automated Report Generation Of X-rays'	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science & IT
707	NGIRI-2022-13531	'Detecting And Diagnosing COVID-19 & TB Using Machine Learning'	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science & IT
708	NGIRI-2022-13592	'Mental Healthcare Application using AR/VR'	Sir Syed University of Engineering and Technology (SSUET)	Main	Software Engineering
709	NGIRI-2022-13617	'Find and rehabilitate the missing drug addicts using ML'	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science & IT
710	NGIRI-2022-14097	'Android based infant incubator'	Sir Syed University of Engineering and Technology (SSUET)	Main	Biomedical Engineering
711	NGIRI-2022-14570	'AI Based Degradation Trend Estimation of Aerial Bundle Cable For Efficient Preventive Maintenance'	Sir Syed University of Engineering and Technology (SSUET)	Main	Telecom Engineering
712	NGIRI-2022-14648	'Smart Brains '	Sir Syed University of Engineering and Technology (SSUET)	Main	Software Engineering
713	NGIRI-2022-14719	'AgriSense Soil and Pest Solutions using Deep Learning'	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science
714	NGIRI-2022-14782	'Hybrid power station '	Sir Syed University of Engineering and Technology (SSUET)	Main	Electronics Engineering
715	NGIRI-2022-14796	'IOT based Patient Health Monitoring'	Sir Syed University of Engineering and Technology (SSUET)	Main	Telecom Engineering
716	NGIRI-2022-14840	'Smart Water Quality Monitoring System using IOT'	Sir Syed University of Engineering and Technology (SSUET)	Main	Software Engineering
717	NGIRI-2022-15062	'Brain Tumor Detection Based On Convolutional Neural Network'	Sir Syed University of Engineering and Technology (SSUET)	Main	Telecom Engineering
718	NGIRI-2022-15230	'Siren Care'	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science
719	NGIRI-2022-15306	'Cost-Efficient and Smart Automated Structural Health Monitoring System using Micro-Controller UAV-Driven Drone'	Sir Syed University of Engineering and Technology (SSUET)	Main	Engineering and Sciences
720	NGIRI-2022-15854	'Person detection and tracking system in crowd environment from live video using deep learning'	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science
721	NGIRI-2022-10971	'Automatic Coil Winding Machine Using Arduino and PLC '	Sukkur IBA University	Main	Electrical/Electronics Engineering
722	NGIRI-2022-11358	'Design And Prototype of Three Phase,All in One, Digital Different Relay for Lab Purpose'	Sukkur IBA University	Main	Electrical Power Engineering
723	NGIRI-2022-11718	'Design Develop Implementation and Promotion of Cost effective IoT based Greenhouse to control the Carbon Dioxide emission in Pakistan '	Sukkur IBA University	Main	Electrical/Electronics Engineering
724	NGIRI-2022-12058	'Highly Robust Soft Strain Sensor Based On Conductive Wavy Fluidic Channel For Health Monitoring And Robotic Applications'	Sukkur IBA University	Main	Electrical Engineering
725	NGIRI-2022-12174	'Design of ultra-flexible skin-like AI augmented sensor fusion for human wearable monitoring of Osteoarthritis'	Sukkur IBA University	Main	Electrical Engineering
726	NGIRI-2022-12674	'Smart Irrigation and Protection System using AI and IoT'	Sukkur IBA University	Main	Computer Science
727	NGIRI-2022-13206	'E AMBULANCE'	Sukkur IBA University	Main	Computer Science

728	NGIRI-2022-13289	'Cotton Crop Disease Detection and Prevention Suggestion System'	Sukkur IBA University	Main	Computer Science
729	NGIRI-2022-13409	'DimDrive IoT based smart energy meter and controller'	Sukkur IBA University	Main	Computer Science
730	NGIRI-2022-14737	'PORTABLE SOLAR WATER GENERATOR FOR REMOTE AREAS'	Sukkur IBA University	Main	Electrical Engineering
731	NGIRI-2022-14825	'Design and fabrication of soft robotic hand with embodied sensing for motion impaired humans'	Sukkur IBA University	Main	Electrical/Electronics Engineering
732	NGIRI-2022-14961	'SUSPICIOUS MOVEMENT DETECTION THROUGH COMPUTER VISION'	Sukkur IBA University	Main	Computer System
733	NGIRI-2022-15841	'Date fruits classification using AI'	Sukkur IBA University	Main	Electrical Engineering
734	NGIRI-2022-13371	'RFID based Library Management System'	The Shaikh Ayaz University, Shikarpur Sindh	Main	Computer Science & IT
735	NGIRI-2022-16028	'Emotion Detection Using Facial Expressions'	The Shaikh Ayaz University, Shikarpur Sindh	Main	Computer Science & IT
736	NGIRI-2022-12625	'Electronic panel for temperature testing chamber'	The Superior College	University	Avionics/Aeronautical Engineering
737	NGIRI-2022-12634	'Implementation of Antenna azimuth and elevation control system using MATLAB, Simulink and developing a control system for Ku band (60 cm dish) antenna scaled down physical model.'	The Superior College	University	Avionics/Aeronautical Engineering
738	NGIRI-2022-12666	'Design and development of cheap hotwire foam cutting machine for aerospace applications'	The Superior College	University	Avionics/Aeronautical Engineering
739	NGIRI-2022-12670	'Design and Development of Vision Based Smart System via Human Tracking for Indoor Environment'	The Superior College	University	Avionics/Aeronautical Engineering
740	NGIRI-2022-12682	'Automatic fault Detection, INTIMATION and Tracking in Power Distribution System'	The Superior College	University	Electrical Engineering
741	NGIRI-2022-12687	'Design and development of a foam/water base deluge sprinkler system'	The Superior College	University	Avionics Engineering
742	NGIRI-2022-13463	'Robotic Hand'	The Superior College	University	Computer Science & IT
743	NGIRI-2022-13470	'Assets usage and Tracking using wireless '	The Superior College	University	Computer Science
744	NGIRI-2022-13713	'Computer Vision Based Smart Slow Learner System'	The Superior College	University	Computer Science & IT
745	NGIRI-2022-13748	'Thals Scan'	The Superior College	University	Software Engineering
746	NGIRI-2022-13788	'Time Trek '	The Superior College	University	Software Engineering
747	NGIRI-2022-14329	'Development of Intelligently Controlled IoT Based Vertical Farm'	The Superior College	University	Electrical Engineering
748	NGIRI-2022-14359	'Smart Traffic Solution'	The Superior College	University	Software Engineering
749	NGIRI-2022-14367	'Nexus Wrist Band'	The Superior College	University	Software Engineering
750	NGIRI-2022-14392	'Designing a PLC Based HVDC Fault Protection Scheme by using Relaying Algorithm '	The Superior College	University	Electrical Engineering
751	NGIRI-2022-14512	'Agriculture Tech Solutions'	The Superior College	University	Computer Science & IT
752	NGIRI-2022-14544	'Locomotion of Gaming'	The Superior College	University	Computer Science
753	NGIRI-2022-14551	'VR PsychoTherapy'	The Superior College	University	Computer Science
754	NGIRI-2022-14591	'EverTracker'	The Superior College	University	Computer Science
755	NGIRI-2022-15487	'Advanced Computer Vision based Human Pose Estimation '	The Superior College	University	Electrical Engineering
756	NGIRI-2022-16004	'Dual Axis Solar Tracking System'	The Superior College	University	Computer Science & IT
757	NGIRI-2022-13020	'A Controller Design for a Stability Improvement of an Integrated Charging System in Hybrid Electric Vehicle.'	The University of Faisalabad	Engineering Wing	Electrical Engineering
758	NGIRI-2022-13224	'Lithium ion based Energy storage system with integrated BMS with Active cell Balancing'	The University of Faisalabad	Engineering Wing	Electrical Engineering
759	NGIRI-2022-14152	'Designing of two axis solar system using Light dependent Resistors for precisely tracking of Sun irradiance and solar panel cleaning'	The University of Faisalabad	Engineering Wing	Electrical Power Engineering
760	NGIRI-2022-14235	'Smart Attendance and Monitoring System Using Face recognition '	The University of Faisalabad	Engineering Wing	Software Engineering
761	NGIRI-2022-14710	'Weapon Detection for Smart Surveillance '	The University of Faisalabad	Engineering Wing	Computer System
762	NGIRI-2022-14732	'Robust Disease Diagnosis System using Fundoscopic Retinal Vessel Segmentation'	The University of Faisalabad	Engineering Wing	Computer Science
763	NGIRI-2022-14736	'Design and Implementation of Automatic Smart Car Parking System'	The University of Faisalabad	Engineering Wing	Electrical
764	NGIRI-2022-14739	'Smart MPPT Solar Charge Controller'	The University of Faisalabad	Engineering Wing	Electrical

765	NGIRI-2022-14741	'IoT based Smart Home Automation System'	The University of Faisalabad	Engineering Wing	Electrical Engineering
766	NGIRI-2022-14913	'Android based smart cafe table'	The University of Faisalabad	Engineering Wing	Computer Science
767	NGIRI-2022-14999	'Solar Grass Cutter'	The University of Faisalabad	Engineering Wing	Electrical/Electronics Engineering
768	NGIRI-2022-15182	'Optimization modelling for MPPT of PV System based on intelligent hybrid algorithms'	The University of Faisalabad	Engineering Wing	Electrical Engineering
769	NGIRI-2022-15211	'Call Of Cause'	The University of Faisalabad	Engineering Wing	Computer Science
770	NGIRI-2022-15284	'Driver Drowsiness Detection System using Convolutional Neural Network'	The University of Faisalabad	Engineering Wing	Computer Science
771	NGIRI-2022-11964	'A Prototype Model for Bionic Eye by Instance Segmentation Technique'	The University of Haripur	Main	Computer Science & IT
772	NGIRI-2022-12317	'Smart wearing back corset for keeping the fixation surgery patient back straight'	The University of Haripur	Main	Information Technology
773	NGIRI-2022-12320	'An Interactive System for Pakistan Sign Language for Recognition for Deaf'	The University of Haripur	Main	Information Technology
774	NGIRI-2022-12638	'Smart Safety Helmet For Coal Miners'	The University of Haripur	Main	Computer Science & IT
775	NGIRI-2022-12671	'Energy efficient localization and tracking in underwater wireless sensor networks based on real time data of Oceans'	The University of Haripur	Main	Computer Science & IT
776	NGIRI-2022-12699	'Door automation through face Recognition'	The University of Haripur	Main	Information Technology
777	NGIRI-2022-13845	'An IOT based System to Keep The Drowsy Driver Awake'	The University of Haripur	Main	Information Technology
778	NGIRI-2022-16191	'Social distancing analyzing '	The University of Haripur	Main	Computer Science & IT
779	NGIRI-2022-15816	'Design and Fabrication of Hybrid Solar Cooker'	The University of Lahore	Islamabad	Mechanical Engineering
780	NGIRI-2022-15999	'Design and Fabrication of Energy Efficient Water purifier'	The University of Lahore	Islamabad	Mechanical Engineering
781	NGIRI-2022-16047	'Exoskeleton Passive Legs for Gait Movement'	The University of Lahore	Main	Electrical Engineering
782	NGIRI-2022-16070	'Home automation for disabled person using gesture control and artificial intelligence'	The University of Lahore	Main	Electrical Engineering
783	NGIRI-2022-16367	'Design and Implementation of Energy Harvesting System from Gym Exercise Machines'	The University of Lahore	Main	Electrical Engineering
784	NGIRI-2022-12964	'Animal Health Monitoring Device'	University of Agriculture	Burewala	Computer Science
785	NGIRI-2022-13066	'Accident-detection and ambulance-rescue system'	University of Agriculture	Burewala	Computer Science
786	NGIRI-2022-13070	'Micro Servo Robot'	University of Agriculture	Burewala	Computer Science
787	NGIRI-2022-13244	'Generating Green Energy by Speed Breaker'	University of Balochistan	Main	Electrical
788	NGIRI-2022-14354	'Automation Watersystem'	University of Balochistan	Main	Computer Science & IT
789	NGIRI-2022-14524	'Smart Navigational Blind Stick with Obstacle Detection '	University of Balochistan	Main	Computer Science & IT
790	NGIRI-2022-14865	'Multipurpose Small unmanned robot: a cost effective approach'	University of Balochistan	Main	Computer Science
791	NGIRI-2022-14937	'low cost educational smart 3d printer.'	University of Balochistan	Main	Computer Science
792	NGIRI-2022-15112	'IOT Based Digital Agriculture Monitoring System'	University of Balochistan	Main	Computer Science & IT
793	NGIRI-2022-16118	'Lecture Evaluation in Smart classroom using gestures and Facial expressions'	University of Balochistan	Main	Computer Science
794	NGIRI-2022-16595	'Self Riding Bike'	University of Balochistan	Main	Computer Science
795	NGIRI-2022-11097	'Electric Food Dehydrator'	University of Central Punjab	Main	Electrical Engineering
796	NGIRI-2022-11098	'Creating 3d models from 2d images'	University of Central Punjab	Main	Computer Science
797	NGIRI-2022-11099	'Digital Traffic Warden'	University of Central Punjab	Main	Information Technology
798	NGIRI-2022-11159	'IoT Based Environmental Monitoring System during Transportation '	University of Central Punjab	Main	Electrical Engineering
799	NGIRI-2022-11164	'Auto Bot'	University of Central Punjab	Main	Computer Science
800	NGIRI-2022-12073	'IMPLEMENTATION OF A ROBUST CONTROLLER BASED SYSTEM FOR INDUSTRIAL APPLICATION.'	University of Central Punjab	Main	Electrical Engineering
801	NGIRI-2022-12076	'Gesture controlled robotic gripper arm using kinect sensor'	University of Central Punjab	Main	Electrical Engineering
802	NGIRI-2022-14419	'Autonomous Pick & Place Robot'	University of Central Punjab	Main	Electrical/Electronics Engineering
803	NGIRI-2022-15138	'Solar Panel Cleaning Robot'	University of Central Punjab	Main	Computer Science & IT
804	NGIRI-2022-15977	'Solar Wind Hybrid Generator'	University of Central Punjab	Main	Mechanical Engineering
805	NGIRI-2022-16071	'Design and test an affordable cold room powered by hybrid electric / Solar for improving storage quality and reducing wastage of horticulture produce '	University of Central Punjab	Main	Mechanical Engineering

806	NGIRI-2022-14620	Multiclass Non-Invasive Malignant Cells Screening using Ensemble of Deep Neural Networks	University of Education	Faisalabad	Information Technology
807	NGIRI-2022-15736	E Child Monitoring App	University of Education	Faisalabad	Information Technology
808	NGIRI-2022-13987	'Toxic Comment Classification'	University of Education	Joharabad	Information Technology
809	NGIRI-2022-15104	'Assistive Communication Glove for the paralytic '	University of Education	Joharabad	Information Technology
810	NGIRI-2022-11502	'AR Glasses Virtual Try on'	University of Education	Multan	Computer Science & IT
811	NGIRI-2022-11540	'Predicting Student Academic Performance Using Machine Learning Technique'	University of Education	Multan	Computer Science
812	NGIRI-2022-11854	'Applied Computational Methods for Drug Discovery Based of Protein Compound Dataset'	University of Education	Multan	Information Technology
813	NGIRI-2022-13248	'Real Time Document Sketching based on 3D Pen Plotter'	University of Education	Multan	Information Technology
814	NGIRI-2022-14178	'Flower Identification App using Machine Learning'	University of Education	Multan	Information Technology
815	NGIRI-2022-12706	'Face detection and recognition system for UE students using deep learning techniques'	University of Education	Vehari	Information Technology
816	NGIRI-2022-10999	'Fault detection in transmission/distribution lines via GSM '	University of Engineering & Technology, Lahore	Faisalabad	Electrical Engineering
817	NGIRI-2022-11523	'Power Generating Treadmill for Large animate prime movers'	University of Engineering & Technology, Lahore	Faisalabad	Electrical
818	NGIRI-2022-12015	'Evaluating Bio-Anode For Bio energy Production Using Solar-Powered Microbial Electrolysis'	University of Engineering & Technology, Lahore	Faisalabad	Electrical Engineering
819	NGIRI-2022-12220	'Smart Assistant for Mothers'	University of Engineering & Technology, Lahore	Faisalabad	Electrical/Electronics Engineering
820	NGIRI-2022-12852	'Predictive Maintenance of Power Substation Equipment by Infrared Thermography'	University of Engineering & Technology, Lahore	Faisalabad	Electrical/Electronics Engineering
821	NGIRI-2022-12853	'Intelligent Control of Induction motor for Electric Vehicle'	University of Engineering & Technology, Lahore	Faisalabad	Electrical/Electronics Engineering
822	NGIRI-2022-12861	'Walking Assistance Exoskeleton'	University of Engineering & Technology, Lahore	Faisalabad	Electrical/Electronics Engineering
823	NGIRI-2022-12869	'Voice and Gesture controlled standing wheelchair'	University of Engineering & Technology, Lahore	Faisalabad	Electrical Engineering
824	NGIRI-2022-12870	'Non invasive Glucometer'	University of Engineering & Technology, Lahore	Faisalabad	Electrical Engineering
825	NGIRI-2022-13489	'Cable base parallel manipulator for under water environment '	University of Engineering & Technology, Lahore	Faisalabad	Mechatronics Engineering
826	NGIRI-2022-13878	'Autonomous Underwater Robot'	University of Engineering & Technology, Lahore	Faisalabad	Mechatronics Engineering
827	NGIRI-2022-15121	'Standing wheelchair with posture transformation capabilities'	University of Engineering & Technology, Lahore	Faisalabad	Mechatronics Engineering
828	NGIRI-2022-15388	'Disinfecting Omni Directional Mobile Robot with Vision Capabilities'	University of Engineering & Technology, Lahore	Faisalabad	Mechatronics Engineering
829	NGIRI-2022-11165	'Autonomous Hexapod Design with Gait Free Planning for Rough Terrain'	University of Engineering & Technology, Lahore	Kala Shah Kaku	Electrical Engineering
830	NGIRI-2022-11276	'Design and Implementation of Reverse Vending Machine using SSD and Deep Learning Algorithms'	University of Engineering & Technology, Lahore	Kala Shah Kaku	Electrical Engineering
831	NGIRI-2022-11424	'Wireless EV Charging and Docking Station'	University of Engineering & Technology, Lahore	Kala Shah Kaku	Electrical Engineering
832	NGIRI-2022-11435	'An Unarmed Active Lenz Desalinators'	University of Engineering & Technology, Lahore	Kala Shah Kaku	Electrical Engineering
833	NGIRI-2022-15499	'Design and development of microwave assisted biodiesel synthesis equipment'	University of Engineering & Technology, Lahore	Kala Shah Kaku	Mechanical Engineering
834	NGIRI-2022-11113	'VRET Diagnosis and Cure using VR'	University of Engineering & Technology, Lahore	Lahore	Computer Engineering
835	NGIRI-2022-11912	'Human Arthritis Analysis and Prediction using Non Invasive Sensors'	University of Engineering & Technology, Lahore	Lahore	Computer Engineering
836	NGIRI-2022-12587	'Design Fabrication and Control of a Product Listing Machine'	University of Engineering & Technology, Lahore	Lahore	Mechatronics Engineering
837	NGIRI-2022-12678	'ADVANCED PCB MANUFACTURING AND AUTOMATION'	University of Engineering & Technology, Lahore	Lahore	Electrical Engineering
838	NGIRI-2022-12881	'Augmented reality-based programming of robotic Manipulator '	University of Engineering & Technology, Lahore	Lahore	Mechatronics Engineering
839	NGIRI-2022-13124	'Water Purity Detection App Using Machine Learning'	University of Engineering & Technology, Lahore	Lahore	Computer Science
840	NGIRI-2022-13308	'Development and Control of 7-DOF Robotic Manipulator'	University of Engineering & Technology, Lahore	Lahore	Mechatronics Engineering

841	NGIRI-2022-13595	'Smart and Convenient Blood sugar level monitoring'	University of Engineering & Technology, Lahore	Lahore	Computer Engineering
842	NGIRI-2022-14020	'Robotics Teaching/Training Tool by AR'	University of Engineering & Technology, Lahore	Lahore	Mechatronics Engineering
843	NGIRI-2022-14379	'Electronic Voting Machine'	University of Engineering & Technology, Lahore	Lahore	Electrical Engineering
844	NGIRI-2022-14573	'Air Quality Index Monitoring Through IoT and AI'	University of Engineering & Technology, Lahore	Lahore	Electrical Engineering
845	NGIRI-2022-15074	'Design and Investigation of a four stroke Camless Engines using Programmatically controlled actuators'	University of Engineering & Technology, Lahore	Lahore	Mechanical Engineering
846	NGIRI-2022-15655	'Suha Teachingster'	University of Engineering & Technology, Lahore	Lahore	Computer Science
847	NGIRI-2022-11055	'Intelligent Indoor Environment Monitoring and Emergency System for Hospitals'	University of Engineering & Technology, Lahore	Narowal	Biomedical Engineering
848	NGIRI-2022-12067	'Real Time Vein Detection SYstem'	University of Engineering & Technology, Lahore	Narowal	Biomedical Engineering
849	NGIRI-2022-12720	'Development of Low cost Prosthetic Arm'	University of Engineering & Technology, Lahore	Narowal	Biomedical Engineering
850	NGIRI-2022-14148	'Neural Spikerbox For Low Temperature Areas'	University of Engineering & Technology, Lahore	Narowal	Biomedical Engineering
851	NGIRI-2022-15911	'Micro Grid enhancement via the Grid tie Pv-inverters in active distribution Networks'	University of Engineering & Technology, Lahore	Narowal	Electrical
852	NGIRI-2022-16418	'Design Simulation and Fabrication of Ocean Wave Energy Converter '	University of Engineering & Technology, Lahore	Narowal	Mechanical Engineering
853	NGIRI-2022-11000	'Effect of Micro Inverter on Different Combinations of Solar Module Efficiency in Shaded and Non-Shaded Conditions '	University of Engineering & Technology, Lahore	RCET Gujranwala	Electrical Engineering
854	NGIRI-2022-11313	'Development of Real-Time Condition Monitoring and Fault Identification for Three Phase Induction Motor'	University of Engineering & Technology, Lahore	RCET Gujranwala	Electrical Engineering
855	NGIRI-2022-11319	'Autonomous Solar Grass Cutter'	University of Engineering & Technology, Lahore	RCET Gujranwala	Electrical Engineering
856	NGIRI-2022-13353	' Design and development of Heat Sinks for high speed microprocessor based on nano-fluid'	University of Engineering & Technology, Lahore	RCET Gujranwala	Mechanical Engineering
857	NGIRI-2022-13796	'Experimental investigation and Application of ANN to predict performance and emissions of SI engine using gasoline-propanol blends'	University of Engineering & Technology, Lahore	RCET Gujranwala	Mechanical Engineering
858	NGIRI-2022-10980	'Artificial Intelligence Based Security Robot '	University of Engineering & Technology, Peshawar	Abbottabad	Electronics Engineering
859	NGIRI-2022-13727	'Cascade Inverters for High Power Switching Amplifier'	University of Engineering & Technology, Peshawar	Abbottabad	Electronics Engineering
860	NGIRI-2022-13751	'Design and Development of Antenna Array with improved performance for 5G smartphone Applications'	University of Engineering & Technology, Peshawar	Abbottabad	Electronics Engineering
861	NGIRI-2022-11021	'Solar Tracking and Smart Cleaning System'	University of Engineering & Technology, Peshawar	Bannu	Electrical Engineering
862	NGIRI-2022-11032	'Hardware Implementation of Isolated Input Series Output Parallel (I-ISOP) DC-DC Converter'	University of Engineering & Technology, Peshawar	Bannu	Electrical Engineering
863	NGIRI-2022-11314	'Solarization of Academic block in UET Bannu campus '	University of Engineering & Technology, Peshawar	Bannu	Electrical Engineering
864	NGIRI-2022-11002	'Design and Fabrication of advance forklift truck model for material handling system'	University of Engineering & Technology, Peshawar	Jalozai	Industrial Electronics
865	NGIRI-2022-11058	'IoT based e-bike with Intelligent Traction Drive System with longer drive range'	University of Engineering & Technology, Peshawar	Jalozai	Computer Science & IT
866	NGIRI-2022-11260	'DESIGN AND FABRICATION OF SELF SUSTAINED WATER PUMP'	University of Engineering & Technology, Peshawar	Jalozai	Mechanical Engineering
867	NGIRI-2022-11400	'Driver\'s cell phone usage monitoring in a moving vehicle'	University of Engineering & Technology, Peshawar	Jalozai	Electrical Engineering
868	NGIRI-2022-11851	'Identification of wheat plant diseases using Computer Vision technique '	University of Engineering & Technology, Peshawar	Jalozai	Electrical Engineering
869	NGIRI-2022-12392	' Implementation of 5G Architecture through Passive Optical Network '	University of Engineering & Technology, Peshawar	Jalozai	Electrical Engineering
870	NGIRI-2022-13628	'Portable Ventilator Version Two'	University of Engineering & Technology, Peshawar	Jalozai	Electrical Engineering
871	NGIRI-2022-15058	'Plastic Roads'	University of Engineering & Technology, Peshawar	Jalozai	Engineering and Sciences
872	NGIRI-2022-11284	'Air Writing Detection & Recognition Using Deep Learning'	University of Engineering & Technology, Peshawar	Peshawar	Electrical Engineering
873	NGIRI-2022-11432	'Intelligent Weighing Scale For Fruits and Veggies Mart'	University of Engineering & Technology, Peshawar	Peshawar	Electrical Engineering

874	NGIRI-2022-11511	'Smart Milk Packaging Machine'	University of Engineering & Technology, Peshawar	Peshawar	Mechatronics Engineering
875	NGIRI-2022-12644	'Under Water Communication through Visible Light'	University of Engineering & Technology, Peshawar	Peshawar	Electrical Engineering
876	NGIRI-2022-13052	'Implementation of Takt Time to Improve workflow in small and medium industries'	University of Engineering & Technology, Peshawar	Peshawar	Industrial Electronics
877	NGIRI-2022-13255	'Design and Fabrication of 3D Bioprinter '	University of Engineering & Technology, Peshawar	Peshawar	Mechatronics Engineering
878	NGIRI-2022-13482	'IoT based Smart Autonomous Robot for disinfection applications '	University of Engineering & Technology, Peshawar	Peshawar	Computer System Engineering
879	NGIRI-2022-14835	'Face Mask Based Automatic Door System to ensure COVID-19 Precautionary Measures'	University of Engineering & Technology, Peshawar	Peshawar	Computer System Engineering
880	NGIRI-2022-11020	'The Crypto Trade Bot '	University of Engineering & Technology, Taxila	Taxila	Computer Engineering
881	NGIRI-2022-12037	'IoT Based Control and Monitoring System for Off-Seasonal Plantation'	University of Engineering & Technology, Taxila	Taxila	Electrical Engineering
882	NGIRI-2022-12224	'Real-time Replayed Audio Detection voice-Bot'	University of Engineering & Technology, Taxila	Taxila	Software Engineering
883	NGIRI-2022-12319	'Energy Recovery Using Regenerative Suspension System'	University of Engineering & Technology, Taxila	Taxila	Electrical
884	NGIRI-2022-12338	'Reliable Engine Test Bed for Diagnostic and Analysis'	University of Engineering & Technology, Taxila	Taxila	Mechanical Engineering
885	NGIRI-2022-12597	'PRODUCT HUNT Let Me Hunt You a Product'	University of Engineering & Technology, Taxila	Taxila	Computer Engineering
886	NGIRI-2022-13523	'uGO'	University of Engineering & Technology, Taxila	Taxila	Computer Engineering
887	NGIRI-2022-14918	'Development of Game based on Gesture Controls'	University of Engineering & Technology, Taxila	Taxila	Computer Engineering
888	NGIRI-2022-11545	'Geothermal Energy for Conditioning of air space '	University of Engineering & Technology, Mardan	Mardan	Electrical Engineering
889	NGIRI-2022-11859	'Design of Voltage Regulator for armoured personnel carrier '	University of Engineering & Technology, Mardan	Mardan	Electrical Engineering
890	NGIRI-2022-12265	'Electric heating furnace upgradation through modern heating elements'	University of Engineering & Technology, Mardan	Mardan	Electrical Power Engineering
891	NGIRI-2022-12820	'Conversion of Analog Gauges/Instruments for Armored Personnel Carriers (APCs)/ Self-Propelled (SP) Guns'	University of Engineering & Technology, Mardan	Mardan	Telecom Engineering
892	NGIRI-2022-14572	'Electricity Generation Through Vehicle Speed Breaker'	University of Engineering & Technology, Mardan	Mardan	Electrical Power Engineering
893	NGIRI-2022-14574	'UPGRADATION OF POWER SUPPLY OF INDUCTION HARDENING MACHINE'	University of Engineering & Technology, Mardan	Mardan	Electrical Power Engineering
894	NGIRI-2022-15073	'Metamaterial based wearable antenna for body area network '	University of Engineering & Technology, Mardan	Mardan	Telecom Engineering
895	NGIRI-2022-12185	'Smog Free Tower'	University of Gujrat	Hafiz Hayat	Electrical Engineering
896	NGIRI-2022-12618	'Trajectory Planning and Control of Serial Linked Robotic Arm for Fruit Picking Robot using Reinforcement Learning'	University of Gujrat	Hafiz Hayat	Electrical Engineering
897	NGIRI-2022-13522	'Blockchain based E certification'	University of Gujrat	Hafiz Hayat	Computer Science & IT
898	NGIRI-2022-15291	'Automated petrol pump using RFID Technology'	University of Gujrat	Hafiz Hayat	Electrical Engineering
899	NGIRI-2022-12654	'ECO Bike - An Eco friendly Smart E-Bike For Campus'	University of Karachi	Main	Electronics
900	NGIRI-2022-13401	'Automatic Temperature Detection System for Entrance'	University of Kotli	Main Campus	Computer Science & IT
901	NGIRI-2022-13936	'Smart Water Billing Management System'	University of Kotli	Main Campus	Computer Science & IT
902	NGIRI-2022-14795	'QEC Student Portal '	University of Kotli	Main Campus	Software Engineering
903	NGIRI-2022-13374	'Emotion Classification using EEG signals'	University of Malakand	Chakdara	Software Engineering
904	NGIRI-2022-14569	'IOT based Realtime Smart Health Assistant'	University of Malakand	Chakdara	Software Engineering
905	NGIRI-2022-15159	'Women Safety Application'	University of Malakand	Chakdara	Software Engineering
906	NGIRI-2022-16143	'Water Quality and Quantity Monitoring system using IOT'	University of Malakand	Chakdara	Software Engineering
907	NGIRI-2022-11189	'Voice Control Wheel Chair for Visually Impaired Person'	University of Management and Technology	Lahore	Electrical Engineering
908	NGIRI-2022-12068	'Robotic arm with controlled gestures using IOT'	University of Management and Technology	Lahore	Electrical Engineering
909	NGIRI-2022-14177	'Power Mixing'	University of Management and Technology	Lahore	Electrical Engineering
910	NGIRI-2022-14757	'Election Prediction Using Social Media through Sentiment Analysis'	University of Management and Technology	Lahore	Computer Science
911	NGIRI-2022-15218	'CESP based autonomous drone for the delivery of medicine and human organs'	University of Management and Technology	Lahore	Electrical Engineering
912	NGIRI-2022-15881	'Electric bicycle with Semi-Automatic Braking System.'	University of Management and Technology	Lahore	Mechanical Engineering

913	NGIRI-2022-12602	'A collaborative intelligence framework for smart campus; the case of disastrous situation'	University of Management and Technology	Sialkot	Computer Science & IT
914	NGIRI-2022-13741	'Realtime face and mask detector using TensorFlow '	University of Management and Technology	Sialkot	Computer Science & IT
915	NGIRI-2022-14879	'Design of Universal Robotic Manipulator'	University of Management and Technology	Sialkot	Electrical Engineering
916	NGIRI-2022-14188	'Solar Powered Smart Weather Station'	University of Peshawar	Peshawar	Electronics
917	NGIRI-2022-14190	'Optimized MPPT Based Pure Sine Wave Solar Inverter'	University of Peshawar	Peshawar	Electronics
918	NGIRI-2022-15118	'Robotic Arm'	University of Peshawar	Peshawar	Electronics
919	NGIRI-2022-15957	'App, gesture and voice controlled drone'	University of Peshawar	Peshawar	Electronics
920	NGIRI-2022-11278	'Understanding and Detecting fake reviews of Google Play store applications'	University of Science & Technology	Main	Software Engineering
921	NGIRI-2022-11927	'IoT based Energy theft detection and Pole to Pole theft location Identification'	University of Science & Technology	Main	Electrical Engineering
922	NGIRI-2022-13181	'Mitigate Security Risks using Serious Gaming: A Case study with UST Bannu'	University of Science & Technology	Main	Software Engineering
923	NGIRI-2022-13502	'An Optimized Machine Learning Approach for MRI Brain Image classification'	University of Science & Technology	Main	Software Engineering
924	NGIRI-2022-11646	'IOT Based A smart device for air pollution monitoring stations '	University of Sialkot, Sialkot	Sialkot	Computer Science & IT
925	NGIRI-2022-11772	'Real-time Implementation of a Smart IOT-Based Driver Drowsiness Detection System for Accident Prevention'	University of Sialkot, Sialkot	Sialkot	Computer Science & IT
926	NGIRI-2022-11812	'Agricultural Drone'	University of Sialkot, Sialkot	Sialkot	Information Technology
927	NGIRI-2022-11915	'Soil testing Agriculture for long term optimization of yield Management Systems by using Machine Learning Algorithm'	University of Sialkot, Sialkot	Sialkot	Computer Science
928	NGIRI-2022-12034	'IOT based Fire Alarm Navigation System'	University of Sialkot, Sialkot	Sialkot	Computer Science & IT
929	NGIRI-2022-12473	'Animal Tracking'	University of Sialkot, Sialkot	Sialkot	Computer Science
930	NGIRI-2022-12692	'SMART SOIL IRRIGATION SYSTEM'	University of Sialkot, Sialkot	Sialkot	Information Technology
931	NGIRI-2022-13930	'use of zigbee technology for Air Pollution '	University of Sialkot, Sialkot	Sialkot	Information Technology
932	NGIRI-2022-16132	'Autonomous Vehicle Prototype'	University of Sialkot, Sialkot	Sialkot	Information Technology
933	NGIRI-2022-11101	'Leap Motion Based Robotic Arm'	University of Sindh	Allama I.I Kazi	Telecom Engineering
934	NGIRI-2022-11178	'Blind Assistant Smart Cap via Mobile App'	University of Sindh	Allama I.I Kazi	Electronics Engineeering
935	NGIRI-2022-11780	'VR based learning game for Dislexia children'	University of Sindh	Allama I.I Kazi	Computer Science
936	NGIRI-2022-12778	'AI-based Smart Mirror as Health and beauty Assistant'	University of Sindh	Allama I.I Kazi	Software Engineering
937	NGIRI-2022-12941	'Home Automation using Augmented Reality (HAAR)'	University of Sindh	Allama I.I Kazi	Computer Science
938	NGIRI-2022-12965	'SMARTPHONE BASED AUGMENTED REALITY'	University of Sindh	Allama I.I Kazi	Computer Science
939	NGIRI-2022-13090	'Smart Emergency Security System'	University of Sindh	Allama I.I Kazi	Information Technology
940	NGIRI-2022-13148	'New Generation E-Library equipped with Augmented Reality'	University of Sindh	Allama I.I Kazi	Computer Science & IT
941	NGIRI-2022-13344	'Hand assisting device for deaf and mute people'	University of Sindh	Allama I.I Kazi	Telecom Engineering
942	NGIRI-2022-13392	'IOT Based Smart Walking Stick with Image Processing'	University of Sindh	Allama I.I Kazi	Electronics
943	NGIRI-2022-13488	'IOT based Anti-theft Flooring System using Raspberry Pi'	University of Sindh	Allama I.I Kazi	Computer Science & IT
944	NGIRI-2022-13919	'IOT Heart Attack Detection & Heart Rate Monitor'	University of Sindh	Allama I.I Kazi	Electrical/Electronics Engineering
945	NGIRI-2022-14288	'intelligent escalator passenger safety management'	University of Sindh	Allama I.I Kazi	Software Engineering
946	NGIRI-2022-14323	'ELECTRIC VEHICLE'	University of Sindh	Allama I.I Kazi	Electronics Engineeering
947	NGIRI-2022-14376	'Robot Controlled by Human Gestures'	University of Sindh	Allama I.I Kazi	Electronics Engineeering
948	NGIRI-2022-14457	'Vehicle Number Plate Recognition and Parking System'	University of Sindh	Allama I.I Kazi	Information Technology
949	NGIRI-2022-14481	'Automated Toll Collection System using RFID'	University of Sindh	Allama I.I Kazi	Electronics Engineeering
950	NGIRI-2022-14647	'Car Tracking System'	University of Sindh	Allama I.I Kazi	Telecom Engineering
951	NGIRI-2022-14851	'SMART GLASSES ASSISTANT'	University of Sindh	Allama I.I Kazi	Software Engineering
952	NGIRI-2022-15289	'Blockchain based supply chain management platform'	University of Sindh	Allama I.I Kazi	Computer & Information System Engineering
953	NGIRI-2022-15425	'Osmoregulatory Watch'	University of Sindh	Allama I.I Kazi	Biomedical Engineering
954	NGIRI-2022-15856	'Solar Energy Based Smartly Controllable Water Geyser'	University of Sindh	Allama I.I Kazi	Electronics

955	NGIRI-2022-15894	'Fingerprint Based Exam Hall Authentication'	University of Sindh	Allama I.I Kazi	Information Technology
956	NGIRI-2022-16226	'IOT Streetlight Controller System '	University of Sindh	Allama I.I Kazi	Telecom Engineering
957	NGIRI-2022-16366	'Adaptive deep learning for head and neck cancer detection using hyperspectral imaging.'	University of Sindh	Allama I.I Kazi	Electronics
958	NGIRI-2022-16402	'Self Driving Car Prototype'	University of Sindh	Allama I.I Kazi	Software Engineering
959	NGIRI-2022-16510	'Covid-19 Detection Using AI'	University of Sindh	Allama I.I Kazi	Electronics
960	NGIRI-2022-16550	'SMART IRRIGATION SYSTEM USING IOT'	University of Sindh	Allama I.I Kazi	Biomedical Engineering
961	NGIRI-2022-16614	'IoT Based Baby Monitoring System Using Raspberry Pi'	University of Sindh	Allama I.I Kazi	Information Technology
962	NGIRI-2022-16637	'IOT Smart Mirror With News & Temperature'	University of Sindh	Allama I.I Kazi	Electrical Engineering
963	NGIRI-2022-12983	'Automatic Solar Tracking System'	University of Sindh	Mirpur Khas	Computer Science
964	NGIRI-2022-12278	'Autism Detection through Computer Vision'	University of South Asia	Cantt	Computer Science
965	NGIRI-2022-13068	'Human Following Robot'	University of Sufism and Modern Sciences, Bhitshah Sindh	Main	Information Technology
966	NGIRI-2022-15760	'MUTATIONAL ANALYSIS OF SARS-COV-2 ORF6 AND ITS EFFECT ON EVASION OF HUMAN IMMUNE SYSTEM: A MOLECULAR DOCKING AND SIMMULATION APPROACHES'	University of Swat	Main	Bio-Informatics
967	NGIRI-2022-15823	'Bioinformatic analysis and pharmacological properties of porphyrine and some of its derivatives'	University of Swat	Main	Bio-Informatics
968	NGIRI-2022-13734	Advance Intelligent Home Assistant System Using IoT	University of Technology Nowshera (Shuhada-e-APS)	Main	Information Technology
969	NGIRI-2022-14192	'Design and development of a lightweight 3D printer with a controlled heating Mechanism'	University of Technology Nowshera (Shuhada-e-APS)	Main	Electronics Engineeering
970	NGIRI-2022-14860	'Underground sewage crawler'	University of Technology Nowshera (Shuhada-e-APS)	Main	Electrical Engineering
971	NGIRI-2022-14967	'Road side battery charging system for street lights'	University of Technology Nowshera (Shuhada-e-APS)	Main	Electrical
972	NGIRI-2022-15047	'Design and Prototyping of a Energy Efficient Eggs Incubator'	University of Technology Nowshera (Shuhada-e-APS)	Main	Electrical
973	NGIRI-2022-15146	'RFID AND FINGER PRINT(Biometric) BASED ATTENDANCE SYSTEM'	University of Technology Nowshera (Shuhada-e-APS)	Main	Electronics Engineeering
974	NGIRI-2022-15346	'Design and implementation of solar and wind based portable mobile/laptop charging unit'	University of Technology Nowshera (Shuhada-e-APS)	Main	Electrical Engineering
975	NGIRI-2022-12859	'Algorithm visualizer '	University of the Poonch	Main	Computer Science & IT
976	NGIRI-2022-12931	'Intelligent Intrusion Detection System'	University of the Poonch	Main	Computer Science & IT
977	NGIRI-2022-12951	'Smart insurance using crypto policy '	University of the Poonch	Main	Computer Science & IT
978	NGIRI-2022-12954	'Link'	University of the Poonch	Main	Computer Science & IT
979	NGIRI-2022-11585	'Intelligent Health Control Security Robot'	University of Wah	Quaid	Computer Science
980	NGIRI-2022-11634	'Ethical Hacking Tools Techniques and Practices'	University of Wah	Quaid	Computer Science
981	NGIRI-2022-11658	'College Inquiry Chatbot'	University of Wah	Quaid	Computer Science
982	NGIRI-2022-11785	'A Real-Time Application FOR Removal of Non-Brain Tissues from MRI Images'	University of Wah	Quaid	Computer Science
983	NGIRI-2022-11590	'Design Fabrication and Control of a Multi Fingred Prosthetic Hand'	University of Wah	Wah Engineering College	Mechanical Engineering
984	NGIRI-2022-11608	'Design Fabrication and control of a stair climbing wheelchair phase III'	University of Wah	Wah Engineering College	Mechanical Engineering
985	NGIRI-2022-11617	'Design Development and Control of a Hybrid Bicycle'	University of Wah	Wah Engineering College	Mechanical Engineering
986	NGIRI-2022-11703	'Design And Fabrication of battery Electric Vehicle '	University of Wah	Wah Engineering College	Mechanical Engineering
987	NGIRI-2022-11742	'Design and fabrication of automatic seed sowing robot'	University of Wah	Wah Engineering College	Mechatronics Engineering
988	NGIRI-2022-11814	'Geometric Parameters Measurement of Optical Fiber by Image Processing'	University of Wah	Wah Engineering College	Mechatronics Engineering
989	NGIRI-2022-11963	'Design and Development of sign to speech and text system for dumb people using smart glove '	University of Wah	Wah Engineering College	Electrical Engineering
990	NGIRI-2022-12017	'Design and development of IOT based transformer health monitoring system '	University of Wah	Wah Engineering College	Electrical Engineering
991	NGIRI-2022-12074	'Design and Implementation of Artificial Human Arm Driven by EMG Signal'	University of Wah	Wah Engineering College	Electrical Engineering
992	NGIRI-2022-12188	'Design and Development of an automatic load Scheduling and Shutdown system'	University of Wah	Wah Engineering College	Electrical Engineering

993	NGIRI-2022-11255	'PLC and SCADA based intelligent Load Shedding Management '	Usman Institute of Technology	Karachi	Electrical Power Engineering
994	NGIRI-2022-11277	'Smart Cafe Dine In System'	Usman Institute of Technology	Karachi	Electrical Engineering
995	NGIRI-2022-11281	'Smart SOP Gate'	Usman Institute of Technology	Karachi	Electrical Engineering
996	NGIRI-2022-11399	'AI Based Anomaly Detection and Threat Prevention'	Usman Institute of Technology	Karachi	Computer Science
997	NGIRI-2022-12127	'Power Generation Through Run-off River'	Usman Institute of Technology	Karachi	Electrical Power Engineering
998	NGIRI-2022-12203	'Code your Bot (Early Childhood Education Toy)	Usman Institute of Technology	Karachi	Electrical/Electronics Engineering
999	NGIRI-2022-12496	'Crop Monitoring and Smart Irrigation System '	Usman Institute of Technology	Karachi	Computer System Engineering
1000	NGIRI-2022-12642	'AIR TO WATER GENERATOR AND DISPENSER'	Usman Institute of Technology	Karachi	Electrical/Electronics Engineering
1001	NGIRI-2022-13535	'Face and License Plate Recognition System '	Usman Institute of Technology	Karachi	Telecom Engineering
1002	NGIRI-2022-13576	'Smart Logistics'	Usman Institute of Technology	Karachi	Electrical Engineering
1003	NGIRI-2022-13579	'Power Factor Correction by using STATCOM'	Usman Institute of Technology	Karachi	Electrical Power Engineering
1004	NGIRI-2022-13848	'Artificial Intelligence Based Heterogeneous Network For Threat Analysis'	Usman Institute of Technology	Karachi	Electrical Engineering
1005	NGIRI-2022-14151	'Rotten fruit detection and sorting using OpenCV'	Usman Institute of Technology	Karachi	Computer System Engineering
1006	NGIRI-2022-14206	Fast Charger for Electric Vehicle	Usman Institute of Technology	Karachi	Electrical/Electronics Engineering
1007	NGIRI-2022-14371	'Wireless Remote Queue Management Systemm'	Usman Institute of Technology	Karachi	Electrical/Electronics Engineering
1008	NGIRI-2022-14383	Boiler Inspection and testing using Eddy Current Probe (NDT)'	Usman Institute of Technology	Karachi	Electronics Engineering
1009	NGIRI-2022-14638	'Dynamic Reactive Power Compensator'	Usman Institute of Technology	Karachi	Electrical Power Engineering
1010	NGIRI-2022-14791	'Automated Tutor'	Usman Institute of Technology	Karachi	Computer Science
1011	NGIRI-2022-14801	'Cervical Deformity Identification'	Usman Institute of Technology	Karachi	Computer Science
1012	NGIRI-2022-14803	'VR Game ZOOMBITE'	Usman Institute of Technology	Karachi	Software Engineering
1013	NGIRI-2022-15017	'Virtual Sign Language Teacher'	Usman Institute of Technology	Karachi	Software Engineering
1014	NGIRI-2022-15042	'Handwritten Urdu Script Recognition Using Deep Learning'	Usman Institute of Technology	Karachi	Computer Science & IT
1015	NGIRI-2022-15149	'Handwritten to text transformation of math equation for better search experience '	Usman Institute of Technology	Karachi	Software Engineering
1016	NGIRI-2022-15177	'SoCNow'	Usman Institute of Technology	Karachi	Computer Science
1017	NGIRI-2022-15201	'Linkly'	Usman Institute of Technology	Karachi	Software Engineering
1018	NGIRI-2022-12676	'IOT Based Smart Vending Machine'	Women University AJK	Main	Computer Science & IT
1019	NGIRI-2022-13053	'Online Tailoring Management system for women'	Women University AJK	Main	Computer Science
1020	NGIRI-2022-13209	'Vehicle Record System Using Block Chain'	Women University AJK	Main	Computer Science & IT
1021	NGIRI-2022-13521	'Voice based security system'	Women University AJK	Main	Computer Science & IT
1022	NGIRI-2022-13687	'Effective Human Emotion Detection for Health Care Industry'	Women University AJK	Main	Computer Science & IT
1023	NGIRI-2022-11160	'Building Management System'	Ziauddin University, ZUFEST	North Nazimabad	Electrical
1024	NGIRI-2022-11548	'Assessment of in vitro antibacterial activity of different variants of Pakistani honey against clinical pathogens'	Ziauddin University, ZUFEST	North Nazimabad	Biomedical Engineering
1025	NGIRI-2022-11949	'DEFECTS IN DNA REPAIR GENES AND THEIR ASSOCIATION WITH SUSCEPTIBILITY OF AGE-RELATED CATARACT'	Ziauddin University, ZUFEST	North Nazimabad	Biomedical Engineering
1026	NGIRI-2022-12789	'PLC and IOT Based Monitoring and Controlling of Power Transformer '	Ziauddin University, ZUFEST	North Nazimabad	Electrical
1027	NGIRI-2022-12972	'IOT Based Monitoring and Controlling of Three Phase Induction Motor'	Ziauddin University, ZUFEST	North Nazimabad	Electrical/Electronics Engineering
1028	NGIRI-2022-14008	'Single Phase Inverter Using SPWM Switching Technique'	Ziauddin University, ZUFEST	North Nazimabad	Electrical Engineering
1029	NGIRI-2022-14301	'IOT BASED MONITORING AND CONTROLLING OF A BIOGAS PLANT'	Ziauddin University, ZUFEST	North Nazimabad	Electrical Power Engineering
1030	NGIRI-2022-14441	'REMOTELY TRIP THE CIRCUIT BREAKER AND DROP THE D/O CUT-OUTS LINKS'	Ziauddin University, ZUFEST	North Nazimabad	Electrical Engineering
1031	NGIRI-2022-15248	'Antimicrobial potential of phytochemicals against biofilm forming food bone pathogens'	Ziauddin University, ZUFEST	North Nazimabad	Biomedical Engineering
1032	NGIRI-2022-16097	'Utilization of horticulture waste for antimicrobial activity'	Ziauddin University, ZUFEST	North Nazimabad	Biomedical Engineering