

National Grassroot ICT Research Initiative 2022-23					
Shortlisted FYPs					
S.No	FYP Code	University	Campus	Department	FYP Title
1	NGIRI-2023-18336	Abasyn University	Islamabad	Computing and Technology	'Agriculture monitoring system'
2	NGIRI-2023-19354	Abasyn University	Islamabad	Computer Science	'AI Based Attendance'
3	NGIRI-2023-19381	Abasyn University	Islamabad	Computing and Technology	'Alzheimer Detection System using Deep Learning'
4	NGIRI-2023-19394	Abasyn University	Islamabad	Computing and Technology	'AI Based Protein Estimation System for Cancer Patients'
5	NGIRI-2023-19710	Abbottabad University of Science And Technology	Havelian	Computer Science	'Early Flood detection'
6	NGIRI-2023-19713	Abbottabad University of Science And Technology	Havelian	Computer Science	'Automated File Handler (Robot)'
7	NGIRI-2023-19720	Abbottabad University of Science And Technology	Havelian	Computer Science & IT	'Food Shop Travelling (FST)'
8	NGIRI-2023-19725	Abbottabad University of Science And Technology	Havelian	Computer Science	'Air pollution monitoring system '
9	NGIRI-2023-19728	Abbottabad University of Science And Technology	Havelian	Computer Science & IT	'Benquet Hall And Restaurant Booking System '
10	NGIRI-2023-19744	Abbottabad University of Science And Technology	Havelian	Computer Science	'IOT based Smart waste management system '
11	NGIRI-2023-19748	Abbottabad University of Science And Technology	Havelian	Computer Science & IT	'MilkZilla'
12	NGIRI-2023-17370	Abdul Wali Khan University	Mardan	Computer Science	'AI Enabled Face Recognition in Smart Mirror based on IoT'
13	NGIRI-2023-17136	Air University	Islamabad	Biomedical Engineering	'Therapeutic face cooling device using water channels for Acne and massaging effects'
14	NGIRI-2023-17157	Air University	Islamabad	Biomedical Engineering	'Design and Implementation of Aural Electrodes to Monitor Jaw-Clenching using EMG '
15	NGIRI-2023-17348	Air University	Islamabad	Biomedical Engineering	'Smart Biomedical Mattress for Health Monitoring and Prevention of Pressure Ulcers'
16	NGIRI-2023-17375	Air University	Islamabad	Computer Science	'An Extended Signed Response Based IoT Enabled Patient Monitoring System '
17	NGIRI-2023-17472	Air University	Islamabad	Avionics/Aeronautical Engineering	'Experimental Analysis of Hybrid Composite '
18	NGIRI-2023-17561	Air University	Islamabad	Electrical Engineering	'Hardware Implementation of Shunt Active Power Filter'
19	NGIRI-2023-17591	Air University	Islamabad	Telecom Engineering	'continuous non invasive glucometer'
20	NGIRI-2023-17621	Air University	Islamabad	Biomedical Engineering	'Cost Effective Medical manikin-based Breech delivery simulator for medical training: transverse lie '
21	NGIRI-2023-17709	Air University	Kamra	Computer Science	'IoT Based Automated Fish Habitate Monitoring System'
22	NGIRI-2023-17824	Air University	Islamabad	Electrical Power Engineering	'Intelligent and Fast Charging for Electric Vehicles'
23	NGIRI-2023-18187	Air University	Islamabad	Computer Science	'OnShop'
24	NGIRI-2023-18380	Air University	Kamra	Computer Science	'IoT-Based Non-Invasive Glucometer Using Machine Learning'
25	NGIRI-2023-18477	Air University	Islamabad	Electrical/Electronics Engineering	'Sorting of Recycling Materials based on Indigenous PLC'
26	NGIRI-2023-18483	Air University	Islamabad	Computer Engineering	'Intelligent Transportation System '
27	NGIRI-2023-18589	Air University	Islamabad	Computer Science & IT	'Road Health Map '
28	NGIRI-2023-18850	Air University	Islamabad	Mechanical Engineering	'Design and analysis of tandem wing tube launched UAV'
29	NGIRI-2023-19046	Air University	Kamra	Computer Science	'IOT based smart AI remote asthma patient monitoring system '
30	NGIRI-2023-19226	Air University	Kamra	Mechanical Engineering	'Design and development of magnetically coupled vectoral thruster for unmanned underwater vehicle '
31	NGIRI-2023-19599	Air University	Kamra	Electrical Engineering	'Solar Induction cooker'
32	NGIRI-2023-19643	Air University	Kamra	Mechanical Engineering	'DESIGN AND DEVELOPMENT OF TILT-ROTOR TRICOPTER FIXED WING AIR VEHICLE'
33	NGIRI-2023-20274	Air University	Islamabad	Science & Technology	'Virtual Target Shooting Simulator for Military Applications'
34	NGIRI-2023-20894	Air University	Islamabad	Computer Science & IT	'Smart Indoor Air Quality Monitoring System'
35	NGIRI-2023-20974	Air University	Islamabad	Electrical	'DESIGN OF IOT BASED SMART HOME HEATING SYSTEM'
36	NGIRI-2023-21398	Air University	Kamra	Mechanical Engineering	'CONDITION MONITORING AND ESTIMATION OF REMAINING USEFUL LIFE OF BEARINGS'
37	NGIRI-2023-21461	Air University	Islamabad	Telecom Engineering	'Image Transmission Using Software Defined Radio'
38	NGIRI-2023-21562	Air University	Islamabad	Computer Engineering	'Airborne object detection and tracking using Artificial Intelligence'
39	NGIRI-2023-21685	Air University	Islamabad	Mechatronics Engineering	'LORENTZ FORCE BASED TWO STAGED RAIL ACCELERATOR TEST RIG'
40	NGIRI-2023-21689	Air University	Islamabad	Mechatronics Engineering	'Test bench for Motor testing using hardware in loop concept'
41	NGIRI-2023-21717	Air University	Kamra	Electrical Engineering	'Drone Technology for pesticide spraying'
42	NGIRI-2023-21823	Air University	Islamabad	Mechatronics Engineering	'Weed Detection and Elimination for Agricultural Application'
43	NGIRI-2023-21915	Air University	Islamabad	Mechatronics Engineering	'Pharmaceutical Vending machine '
44	NGIRI-2023-21946	Air University	Islamabad	Mechanical Engineering	'Smart Traffic Management System'
45	NGIRI-2023-22038	Air University	Kamra	Computer Science	'Augmented Reality Based User Manuals '

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S.No	FYP Code	University	Campus	Department	FYP Title
46	NGIRI-2023-22155	Air University	Islamabad	Avionics/Aeronautical Engineering	'Aerodynamic Analysis of a Car to improve its Rear Body Characteristics by using Different Strategies Including Ejector Phenomenon'
47	NGIRI-2023-22174	Air University	Kamra	Computer Science & IT	'Desktop PC (Hardware) Monitoring System'
48	NGIRI-2023-22293	Air University	Islamabad	Electrical Engineering	'Implementation of LMS algorithm on FPGA'
49	NGIRI-2023-22328	Air University	Islamabad	Electrical Engineering	'Electric bike with regenerative braking and IoT features'
50	NGIRI-2023-22386	Air University	Islamabad	Electrical Engineering	'3D Printer Based on Fused Deposition Modelling with Dual Extrusion'
51	NGIRI-2023-22518	Air University	Kamra	Mechanical Engineering	'Integration of Ultrasonic Testing and Machine Learning for Automated Structural Health Monitoring of Mega Structures'
52	NGIRI-2023-22552	Air University	Islamabad	Electrical Power Engineering	'Sary Agriculture Farm '
53	NGIRI-2023-22635	Air University	Islamabad	Computer Science & IT	'DecentralizedConnect: Empowering Users with Control and Privacy in Social Media'
54	NGIRI-2023-22663	Air University	Islamabad	Computer Science	'Decentrax'
55	NGIRI-2023-22682	Air University	Islamabad	Electrical/Electronics Engineering	'Smart multimodal identification system '
56	NGIRI-2023-22729	Air University	Islamabad	Computer Science & IT	'CarClues'
57	NGIRI-2023-22770	Air University	Islamabad	Computer Science	'IoT Based Electricity Conservation System'
58	NGIRI-2023-22935	Air University	Islamabad	Software Engineering	'Digital AirWarfare'
59	NGIRI-2023-21502	Al-Hamd Islamic University	Quetta	Computer Science	'Remote Control Fire Extinguisher Robot'
60	NGIRI-2023-21836	Al-Hamd Islamic University	Quetta	Computer Science	HAND GESTURE AND VOICE CONTROLLING WHEELCHAIR SYSTEM '
61	NGIRI-2023-21984	Al-Hamd Islamic University	Quetta	Computer Science	'Load Management System'
62	NGIRI-2023-17431	Allama Iqbal Open University	Main	Computer Science	'MATLAB based GUI for LiDAR data processing and analysis'
63	NGIRI-2023-17862	Allama Iqbal Open University	Main	Computer Science	'Rapid three dimensional model generation in maya '
64	NGIRI-2023-17874	Allama Iqbal Open University	Main	Computer Science	'Enhancing education via 3D modelling of computer science images of early grade students '
65	NGIRI-2023-17876	Allama Iqbal Open University	Main	Computer Science	'University Bus and Tracking system for Employees and Students '
66	NGIRI-2023-17361	Bahauddin Zakariya University	Main	Computer Science	'Biometric Student Attendance System '
67	NGIRI-2023-17680	Bahauddin Zakariya University	Main	Electrical Engineering	'IoT enabled Smart Dairy Farm Management system '
68	NGIRI-2023-18419	Bahauddin Zakariya University	Main	Electrical Engineering	'Energy Management and wireless charging for EVs'
69	NGIRI-2023-19207	Bahauddin Zakariya University	Main	Electrical Engineering	'IOT BASED INTELLIGENT SYSTEM FOR GREEN HOUSE ENVIRONMENT MONITORING AND CONTROLLING SYSTEM '
70	NGIRI-2023-16774	Bahria University	Lahore	Computer Science & IT	'Implement a Smart Agent for Cyber Security Based on HoneyPot using Machine Learning'
71	NGIRI-2023-16803	Bahria University	Lahore	Computer Science	'Cassava Disease Categorization using Deep Neural Networks'
72	NGIRI-2023-16807	Bahria University	Lahore	Computer Science & IT	'Smart Car Parking System'
73	NGIRI-2023-16809	Bahria University	Karachi	Electrical Power Engineering	'Design and Development of Phasor Measurement Unit (PMU) for Data Analysis using Machine Learning'
74	NGIRI-2023-16913	Bahria University	Islamabad	Electrical Engineering	'From ON Grid To OFF Grid UPS'
75	NGIRI-2023-17108	Bahria University	Lahore	Computer System	'Helping TaskForce'
76	NGIRI-2023-17281	Bahria University	Lahore	Computer Science	'Software Requirements Categorization using NLP'
77	NGIRI-2023-17313	Bahria University	Lahore	Computer Science	'Islam Q'
78	NGIRI-2023-17337	Bahria University	Karachi	Computer Engineering	'IoT based Aqua purification system '
79	NGIRI-2023-17430	Bahria University	Islamabad	Electrical Engineering	'Railway Crack Detection Robot'
80	NGIRI-2023-17493	Bahria University	Islamabad	Electrical/Electronics Engineering	'Occupational Exoskeleton for upper limb'
81	NGIRI-2023-17545	Bahria University	Islamabad	Electrical/Electronics Engineering	'Automatic voltage regulator for synchronous generator'
82	NGIRI-2023-17568	Bahria University	Islamabad	Electrical Engineering	'Design and Implementation of RISC-V processor with integration of Accelerator for ML Applications'
83	NGIRI-2023-17570	Bahria University	Islamabad	Computer Engineering	'CLEAN WATER GENERATOR USING AIR HUMIDITY & ELECTROLYSIS '
84	NGIRI-2023-17580	Bahria University	Islamabad	Software Engineering	'AgriSmart'
85	NGIRI-2023-17616	Bahria University	Lahore	Computer System	'Visualization of Health Data Through a Virtual Avatar'
86	NGIRI-2023-17649	Bahria University	Lahore	Computer Science	'EDCADEMY ONLINE EXAMINATION APPLICATION'
87	NGIRI-2023-17771	Bahria University	Islamabad	Electrical Engineering	'Swarm UAVS'
88	NGIRI-2023-17890	Bahria University	Karachi	Computer Engineering	'Smart Wheelchair'
89	NGIRI-2023-18107	Bahria University	Karachi	Electrical Engineering	'WATER TRASH COLLECTING VEHICLE USING WIRELESS COMMUNICATION'
90	NGIRI-2023-18165	Bahria University	Islamabad	Computer Engineering	'Automated Fruit Grading and Sorting System'
91	NGIRI-2023-18175	Bahria University	Karachi	Computer Engineering	'VIRTUAL AIDED CONTROL SYSTEM FOR UNMANNED VEHICLES'
92	NGIRI-2023-18349	Bahria University	Karachi	Computer Engineering	'Kids safety tracker'
93	NGIRI-2023-18372	Bahria University	Islamabad	Computer Science	'Text to Image Model using AI'
94	NGIRI-2023-18436	Bahria University	Karachi	Electrical Engineering	'Road Side Power Generation Using Wind Energy '
95	NGIRI-2023-18702	Bahria University	Karachi	Electrical Engineering	'SMART ELECTRIC WHEEL CHAIR'

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96	NGIRI-2023-18729	Bahria University	Karachi	Electrical Power Engineering	'IMPACT STUDY OF INDUSTRIAL AIR POLLUTANTS ON POLYMER INSULATORS IN COASTAL REGIONS ADOPTING ACCELERATED AGING TECHNIQUE'
97	NGIRI-2023-18949	Bahria University	Islamabad	Computer Engineering	'Autonomous Pick and Place Robotic Arm with Object Detection and Recognition'
98	NGIRI-2023-18983	Bahria University	Karachi	Electrical Power Engineering	'Automated ironing machine'
99	NGIRI-2023-19083	Bahria University	Islamabad	Computer Engineering	'Pests Detection and Classification on National Crop based on Deep learning'
100	NGIRI-2023-19237	Bahria University	Islamabad	Computer Science	'Autonomous Sentry Gun'
101	NGIRI-2023-19346	Bahria University	Islamabad	Software Engineering	'Final Year Project Management System'
102	NGIRI-2023-19538	Bahria University	Karachi	Electrical Engineering	'IOT Based Power Saving Water Management System'
103	NGIRI-2023-19579	Bahria University	Karachi	Computer Science	'Automated LMS'
104	NGIRI-2023-19585	Bahria University	Karachi	Information Technology	'E-Signature '
105	NGIRI-2023-19598	Bahria University	Islamabad	Software Engineering	'trAlon (virtual tryon)'
106	NGIRI-2023-19604	Bahria University	Karachi	Computer Science & IT	'Immersive Treatment of aerophobia using Virtual reality'
107	NGIRI-2023-19681	Bahria University	Islamabad	Computer Science & IT	'IoT and Artificial Intelligence Based Heart Disease Prediction for Rural Communities'
108	NGIRI-2023-19950	Bahria University	Islamabad	Software Engineering	'Trail Ease'
109	NGIRI-2023-19956	Bahria University	Karachi	Software Engineering	'FarmStead'
110	NGIRI-2023-21515	Bahria University	Karachi	Software Engineering	'Degree verification system using blockchain'
111	NGIRI-2023-21803	Bahria University	Karachi	Software Engineering	'Blind Assistant'
112	NGIRI-2023-21990	Bahria University	Karachi	Computer Science	'FISHERY EXCHANGE B2B AND B2C'
113	NGIRI-2023-22037	Bahria University	Karachi	Computer Science	'ONLINE FYP REPORT SUBMISSION AND EVALUATION PORTAL'
114	NGIRI-2023-22042	Bahria University	Karachi	Software Engineering	'FoodForAll A Food Sharing App'
115	NGIRI-2023-22104	Bahria University	Karachi	Electrical Power Engineering	'Energy Harvesting Using Ocean Waves '
116	NGIRI-2023-22203	Bahria University	Karachi	Computer Science	'Pak-Agrihub'
117	NGIRI-2023-22265	Bahria University	Islamabad	Computer Science & IT	'Garbage monitoring system '
118	NGIRI-2023-22364	Bahria University	Islamabad	Computer Science	'AR Heart Heart Surgery Training Using Hololens'
119	NGIRI-2023-22433	Bahria University	Karachi	Telecom Engineering	'IOT BASED SMART WASTE MANAGEMENT SYSTEM'
120	NGIRI-2023-22476	Bahria University	Islamabad	Computer Science	'Lift Do'
121	NGIRI-2023-22813	Bahria University	Lahore	Computer Science & IT	'Muawanat app '
122	NGIRI-2023-18321	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Electrical Engineering	'Online Condition Monitoring of Induction Motor through wireless communication'
123	NGIRI-2023-19593	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Mechanical Engineering	'Wireless Power Transmission Via Solar Station '
124	NGIRI-2023-19881	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Computer System Engineering	'Design a system for waste water recycling using Arduino UNO and IoT base on BUETK Hostels'
125	NGIRI-2023-19923	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Computer System Engineering	'Date fruit classification using convolution neural network'
126	NGIRI-2023-20032	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Computer System Engineering	'Revolutionising Indoor farming with IoT-based Solution for Automated Indoor Agriculture'
127	NGIRI-2023-21663	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Electrical Engineering	'Smart Energy System for Shopping Mall on Pizeo Electricity'
128	NGIRI-2023-21765	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Electronics Engineering	'Enhancing Driver Safety with Arduino Based Smart System'
129	NGIRI-2023-21808	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Electronics Engineering	'Remote ECG Monitoring Alarm System'
130	NGIRI-2023-21936	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Computer System Engineering	'AI Powered Crop Recommendation System in Balochistan'
131	NGIRI-2023-22003	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Electrical Engineering	'Advanced technique for detection of veins for easy and safe injection using IoT5440008768461'
132	NGIRI-2023-22475	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Electronics Engineering	'Automatic Solar Energy Green House Controlling and Monitoring System'
133	NGIRI-2023-23013	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Mechanical Engineering	'Fabrication of anaerobic digester for the determination of energy potential of organic waste at khuzdar city'
134	NGIRI-2023-16902	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Science	'3D Path Planning for UAVs using Neural Network '
135	NGIRI-2023-16999	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Engineering	'Smart Helmet for Accident Detection & Reporting System'
136	NGIRI-2023-18219	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Engineering and Sciences	'Design and Fabrication of Solar Dryer for Efficient Drying of Fruits'
137	NGIRI-2023-18498	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Science	'Plant Care'
138	NGIRI-2023-18844	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Information Technology	'IoT Based Smart Waste Tracking System For Hospitals'
139	NGIRI-2023-18863	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Engineering	'Smart-E-Shoes'

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140	NGIRI-2023-18884	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electrical Engineering	'Encoded Decoded Smart Board For Blind Using Alphabet Recognition '
141	NGIRI-2023-19055	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electrical Engineering	'IoT based smart hydroponic system '
142	NGIRI-2023-19154	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Science	'An Automatic Speech Recognition System for Urdu Language '
143	NGIRI-2023-19242	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electrical Engineering	'Parking guidance and management system based on IoT'
144	NGIRI-2023-19280	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Information Technology	'Psychological self assessment app'
145	NGIRI-2023-19490	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electronics Engineering	'GSM Based Smart Gas Leakage Alert System'
146	NGIRI-2023-20132	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electrical Engineering	'IoT Based Agricultural System'
147	NGIRI-2023-21069	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Engineering	'Smart Aeroponic Cultivation System'
148	NGIRI-2023-21109	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Engineering	'E Technecian'
149	NGIRI-2023-21228	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Information Technology	'E pharmacist'
150	NGIRI-2023-21800	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electrical/Electronics Engineering	'Portable Lab for Fluid Quality Assessment '
151	NGIRI-2023-22359	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Information Technology	'wellness care'
152	NGIRI-2023-22602	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Engineering and Sciences	'Fabrication of automated digestor for waste paper pulping to fresh product'
153	NGIRI-2023-22604	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Engineering and Sciences	'Development of solar driven system and process optimization for dryer of paper industry '
154	NGIRI-2023-23090	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Mechanical Engineering	'Carbonated water injection as an Enhanced oil recovery for light oil reservoir.'
155	NGIRI-2023-23228	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Science	'Crowed Sourced Acoustic Vehicle Understanding'
156	NGIRI-2023-18814	Benazir Bhutto Shaheed University	Karachi	Computer Science	'Sign language detection using AI and Mobile App'
157	NGIRI-2023-18871	Benazir Bhutto Shaheed University	Karachi	Information Technology	'Health Monitoring E-Jacket for Solider using IoMT and Machine learning'
158	NGIRI-2023-18969	Benazir Bhutto Shaheed University	Karachi	Computer Science & IT	'MedTech A solution for paralysed patients'
159	NGIRI-2023-19170	Benazir Bhutto Shaheed University	Karachi	Computer Science	'MAPCHAIN A Map Validation Solution For Tourism Department Using Blockchain '
160	NGIRI-2023-20103	Benazir Bhutto Shaheed University	Karachi	Management and Information Sciences	'Digital Saving App'
161	NGIRI-2023-20943	Benazir Bhutto Shaheed University	Karachi	Computer Science & IT	'Karayedar pk'
162	NGIRI-2023-22183	Benazir Bhutto Shaheed University	Karachi	Computer Science	'SindhSight'
163	NGIRI-2023-17496	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Mechanical Engineering	'Design and fabrication of a prototype human powered Quadracycle'
164	NGIRI-2023-19673	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Electronics	'Design and Development of Smart Therapeutic Glove for Stroke Rehabilitation'
165	NGIRI-2023-19905	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Electronics	'IOT BASED SMART AGRICULTURE MONITORING SYSTEM'
166	NGIRI-2023-20089	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Electrical Engineering	'Iot based Dc Microgrid'
167	NGIRI-2023-20249	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Electrical Engineering	'Design and development of Hydrogen Fuell Cell for electric vehicle'
168	NGIRI-2023-20289	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Mechanical Engineering	'Design Fabrication and Energy Analyses of Pelton wheel Turbine '
169	NGIRI-2023-21127	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Mechanical Engineering	'Enhancement of water distillation efficiency by solar still'
170	NGIRI-2023-22024	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Electrical Engineering	'IoT Smart Energy Meter Monitoring and Theft Detection'
171	NGIRI-2023-22471	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Mechanical Engineering	'Maglev Wind mill/turbine'
172	NGIRI-2023-16850	Capital University of Science and Technology	Main	Mechanical Engineering	'Design and Development of Polythene Bag Recycling Setup to Overcome Environmental Pollution '
173	NGIRI-2023-16887	Capital University of Science and Technology	Main	Mechanical Engineering	'Designing and prototype of cross flow turbine for low/zero head turbine '
174	NGIRI-2023-16980	Capital University of Science and Technology	Main	Mechanical Engineering	'Shell Eco Marathon Urban Concept Chassis Optimization'

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175	NGIRI-2023-17056	Capital University of Science and Technology	Main	Mechanical Engineering	'DESIGN AND DEVELOPMENT OF CONTINUOUS PASSIVE MOTION MACHINE FOR POST KNEE SURGERY REHABILITATION'
176	NGIRI-2023-17439	Capital University of Science and Technology	Main	Electrical Engineering	'Design of an Automatic Seed Injecting and Plant Watering System'
177	NGIRI-2023-18292	Capital University of Science and Technology	Main	Computer Science	'iot based multi purpose advertismnt for digital bill boards'
178	NGIRI-2023-17018	CECOS University of IT & Emerging Sciences	Peshawar	Computer Science & IT	'Implementation of E-commerce (D2C and C2C) business model in the construction industry of Pakistan '
179	NGIRI-2023-18255	CECOS University of IT & Emerging Sciences	Peshawar	Computer System	'Digital transformation of standard contracts into e-contracts for Civil engineering.'
180	NGIRI-2023-18460	CECOS University of IT & Emerging Sciences	Peshawar	Electrical Engineering	'AI based ball picker'
181	NGIRI-2023-18800	CECOS University of IT & Emerging Sciences	Peshawar	Mechanical Engineering	'Solar Vegetables and Fruits Dryer with Temperature and Humidity control system '
182	NGIRI-2023-18958	CECOS University of IT & Emerging Sciences	Peshawar	Engineering and Sciences	'Use of waste marble powder and sugar cane bagasse ash in production of bricks'
183	NGIRI-2023-19059	CECOS University of IT & Emerging Sciences	Peshawar	Science & Technology	'Prevalence of antibiotic resistance in Enterococcus from well known mineral water brands'
184	NGIRI-2023-19278	CECOS University of IT & Emerging Sciences	Peshawar	Science & Technology	'isolation of serratiopeptidase from serratia marcescens collected from bathroom surface '
185	NGIRI-2023-21064	CECOS University of IT & Emerging Sciences	Peshawar	Science & Technology	'Toxicity assessment of biodegraded pesticides by nanoparticles in rats'
186	NGIRI-2023-21695	CECOS University of IT & Emerging Sciences	Peshawar	Engineering and Sciences	'Dynamic analysis of MSE wall with sustainable backfill'
187	NGIRI-2023-22253	CECOS University of IT & Emerging Sciences	Peshawar	Science & Technology	'Planning and designing of net zero energy educational building.'
188	NGIRI-2023-22312	CECOS University of IT & Emerging Sciences	Peshawar	Mechanical Engineering	'Design & Fabrication of Multi material 3D printer Fused deposition modelling.'
189	NGIRI-2023-22389	CECOS University of IT & Emerging Sciences	Peshawar	Mechanical Engineering	'Design and fabrications of automatic roller bending machine'
190	NGIRI-2023-17909	City University of Science & Information Technology	Peshawar	Electrical Engineering	'Design and fabrication of wall painting robot'
191	NGIRI-2023-17970	City University of Science & Information Technology	Peshawar	Electrical Engineering	'DESIGNING AGRICULTURAL FERTILIZER DRONE FOR SURVEILLANCE WITH OPTIMIZED SPRAYING MECHANISM'
192	NGIRI-2023-19177	City University of Science & Information Technology	Peshawar	Software Engineering	'RAMA Rangeland Management'
193	NGIRI-2023-20728	City University of Science & Information Technology	Peshawar	Electrical Engineering	'Designing and Development of Cloud Based IOT Infrastructure for Remote Patient Health Monitoring'
194	NGIRI-2023-21826	City University of Science & Information Technology	Peshawar	Software Engineering	'Smart Irrigation System'
195	NGIRI-2023-16659	COMSATS University of Information Technology	Abbottabad	Software Engineering	'Handwritten Signature Forgery Detection'
196	NGIRI-2023-16663	COMSATS University of Information Technology	Main	Computer Science	'Deep Fake Detection System '
197	NGIRI-2023-16670	COMSATS University of Information Technology	Attock	Electrical Engineering	'IoT based Power Factor Correction using Static VAR Compensator'
198	NGIRI-2023-16695	COMSATS University of Information Technology	Wah	Computer Science	'Smart Animetricon Eyes'
199	NGIRI-2023-16733	COMSATS University of Information Technology	Abbottabad	Computer Science	'E Cat A Domestic Robot'
200	NGIRI-2023-16786	COMSATS University of Information Technology	Abbottabad	Electrical Power Engineering	'Interactive 3D holographic classroom display system'
201	NGIRI-2023-16826	COMSATS University of Information Technology	Main	Electrical/Electronics Engineering	' Hand Gesture Recognition UsingÂ FPGAA andÂ AI'
202	NGIRI-2023-16940	COMSATS University of Information Technology	Lahore	Electrical Engineering	'Design of Smart Online Assisted Sleeves for Rehabilitation & Assessment of Physiotherapy Treatment. '
203	NGIRI-2023-16953	COMSATS University of Information Technology	Wah	Mechanical Engineering	'Development of environmental friendly lubricant based on additivated Cotton Seed oil'
204	NGIRI-2023-16969	COMSATS University of Information Technology	Abbottabad	Electrical Power Engineering	'Designing of MPPT Controller Using Deep Neurral Network'
205	NGIRI-2023-17016	COMSATS University of Information Technology	Wah	Electrical Engineering	'IoT Based Hydroponic Farming'
206	NGIRI-2023-17154	COMSATS University of Information Technology	Abbottabad	Electrical Power Engineering	'Performance optimization of Electric Vehicle and its Regenerative Part'
207	NGIRI-2023-17170	COMSATS University of Information Technology	Wah	Electrical Engineering	'ANDROID MILITARY SPYING AND BOMB DISPOSAL ROBOT'
208	NGIRI-2023-17178	COMSATS University of Information Technology	Abbottabad	Electrical/Electronics Engineering	'Automatic License Plate Detection'
209	NGIRI-2023-17188	COMSATS University of Information Technology	Wah	Mechanical Engineering	'Design and development of the high power wideband multi mode underwater acoustic Transducer'
210	NGIRI-2023-17191	COMSATS University of Information Technology	Wah	Mechanical Engineering	'Design Analysis and Fabrication Of Artificial Bio Implant '
211	NGIRI-2023-17273	COMSATS University of Information Technology	Main	Computer Science	'HawkEye'
212	NGIRI-2023-17290	COMSATS University of Information Technology	Wah	Engineering and Sciences	'design and fabrication of Unmanned Ground Vehicle'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
213	NGIRI-2023-17299	COMSATS University of Information Technology	Wah	Electrical Engineering	'Dry Hand Wash Machine using Fog Disinfection'
214	NGIRI-2023-17312	COMSATS University of Information Technology	Main	Electrical Engineering	'Flexible resistive switch used for memory devices using mechanically flexible materials.'
215	NGIRI-2023-17386	COMSATS University of Information Technology	Wah	Mechanical Engineering	'Synthesis of synthetic rubber '
216	NGIRI-2023-17418	COMSATS University of Information Technology	Lahore	Computer Engineering	'INTELLIGENT CATTLE HEALTH MONITORING SYSTEM USING FEDERATED LEARNING, BODY AREA SENSORS, AND IOT PLATFORM'
217	NGIRI-2023-17487	COMSATS University of Information Technology	Sahiwal	Electrical Engineering	'Depth Extraction using Stereo Vision for a Self-Driving Car'
218	NGIRI-2023-17558	COMSATS University of Information Technology	Main	Electrical Engineering	'Speeding-up Real-Time Magnetic Resonance Imaging (MRI) with FPGA-Based Image Reconstruction'
219	NGIRI-2023-17760	COMSATS University of Information Technology	Attock	Computer Science	'Towards Reducing the Damage Through Autonomous Firefighting Mechanisms with Night Vision Using Image Processing'
220	NGIRI-2023-17895	COMSATS University of Information Technology	Lahore	Electrical Engineering	'An IOT based Posture detection and Battery management System with Machine learning for multimode wheelchair'
221	NGIRI-2023-18035	COMSATS University of Information Technology	Wah	Electrical Engineering	'Blind Spot Detection System In Vehicles'
222	NGIRI-2023-18081	COMSATS University of Information Technology	Wah	Software Engineering	'Autonomous First Aid Drone AFAD'
223	NGIRI-2023-18254	COMSATS University of Information Technology	Main	Science & Technology	'Preparation and Characterization of Graphene-CsPbBr ₃ Junction'
224	NGIRI-2023-18291	COMSATS University of Information Technology	Attock	Electrical Engineering	'Supervisory Control and Monitoring System for Induction motor using PLC'
225	NGIRI-2023-18358	COMSATS University of Information Technology	Lahore	Computer Science	'Paiyaa'
226	NGIRI-2023-18426	COMSATS University of Information Technology	Sahiwal	Computer Science	'Lung cancer Detection '
227	NGIRI-2023-18437	COMSATS University of Information Technology	Lahore	Computer Science	'FireWatch'
228	NGIRI-2023-18582	COMSATS University of Information Technology	Main	Electrical/Electronics Engineering	'FPGA-based Hardware Accelerator for Real-Time MRI Reconstruction'
229	NGIRI-2023-18594	COMSATS University of Information Technology	Sahiwal	Mechanical Engineering	'Influence of FDM process parameters on Mechanical properties of three D printed ABS Aramid fiber composite'
230	NGIRI-2023-18603	COMSATS University of Information Technology	Main	Engineering and Sciences	'Cnstruction of solar cell based on Fe ²⁺ doped CsPbBr ₃ '
231	NGIRI-2023-18648	COMSATS University of Information Technology	Abbottabad	Electrical/Electronics Engineering	'MIMO Array antenna Design for 5G Applications'
232	NGIRI-2023-18652	COMSATS University of Information Technology	Abbottabad	Electrical/Electronics Engineering	'Deep learning based face verification algorithm for edge devices'
233	NGIRI-2023-18686	COMSATS University of Information Technology	Attock	Electrical Engineering	'Design and implementation of electrical system for solar powered electric vehicle'
234	NGIRI-2023-18771	COMSATS University of Information Technology	Wah	Computer Science	'Drively'
235	NGIRI-2023-18783	COMSATS University of Information Technology	Attock	Electrical Engineering	'Iot Based Pick and Place Robot'
236	NGIRI-2023-18922	COMSATS University of Information Technology	Main	Electronics	'Synthesis and Fabrication of CsPbI ₂ Br perovskite solar cells'
237	NGIRI-2023-18923	COMSATS University of Information Technology	Main	Electronics	'Fabrication of 2D layered hBN based (DUV) deep ultraviolet photodetectors'
238	NGIRI-2023-18940	COMSATS University of Information Technology	Main	Computer Science	'NFLUENCER'
239	NGIRI-2023-18945	COMSATS University of Information Technology	Attock	Computer Engineering	'AI Based Emotion Sensing for Enhancing Quality of Life '
240	NGIRI-2023-19095	COMSATS University of Information Technology	Abbottabad	Electrical Power Engineering	'Design and Analysis of solar power ipad charger'
241	NGIRI-2023-19198	COMSATS University of Information Technology	Lahore	Electrical Engineering	'Design and Implementation Of 5kw Induction Motor Based EV Conversion Kit for Small Hatchback Vehicle'
242	NGIRI-2023-19428	COMSATS University of Information Technology	Lahore	Electrical Engineering	'IOT Based Smart Interactive and Retrievable Shopping Cart with Billing Management System.'
243	NGIRI-2023-19488	COMSATS University of Information Technology	Main	Engineering and Sciences	'Development of High Efficiency and Cost-Effective Perovskite Based Solar Powered Supercapacitors'
244	NGIRI-2023-19523	COMSATS University of Information Technology	Wah	Electrical/Electronics Engineering	'Humanoid Robotic hand'
245	NGIRI-2023-19685	COMSATS University of Information Technology	Wah	Software Engineering	'Fetal Health Predictive System'
246	NGIRI-2023-19714	COMSATS University of Information Technology	Wah	Computer Science	'smart helmet improving rider safety through Iot and AWS services'
247	NGIRI-2023-19768	COMSATS University of Information Technology	Wah	Computer Science	'A Machine Learning-Based RUL Estimation Method For Lithium-Ion Battery'
248	NGIRI-2023-19783	COMSATS University of Information Technology	Sahiwal	Mechanical Engineering	'Investigation of corrosion behavior of automotive materials in biodiesel'
249	NGIRI-2023-19785	COMSATS University of Information Technology	Sahiwal	Bio-Informatics	'Antiviral Drug Design for RSV and MERS virus '
250	NGIRI-2023-19791	COMSATS University of Information Technology	Sahiwal	Electrical Engineering	'Design of microwave script bandpass filter for 5G application'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
251	NGIRI-2023-19797	COMSATS University of Information Technology	Wah	Computer System	'Unmanned Grounded Vehicle '
252	NGIRI-2023-19931	COMSATS University of Information Technology	Sahiwal	Computer Science	'Drug Traceability system using Blockchain'
253	NGIRI-2023-20068	COMSATS University of Information Technology	Main	Electronics	'Lidar based speed detection system'
254	NGIRI-2023-20196	COMSATS University of Information Technology	Sahiwal	Computer Science & IT	'Be-Mle (An Automation Tool for Data Science/Artificial Intelligence) '
255	NGIRI-2023-20305	COMSATS University of Information Technology	Sahiwal	Computer Science	'Youtale'
256	NGIRI-2023-20462	COMSATS University of Information Technology	Attock	Computer Engineering	'Automatic vehicle check-in and check-out system using IoT and Deep Learning'
257	NGIRI-2023-20656	COMSATS University of Information Technology	Attock	Software Engineering	'Farmers Touch'
258	NGIRI-2023-20662	COMSATS University of Information Technology	Sahiwal	Software Engineering	'CASE RASE for hiring lawyers'
259	NGIRI-2023-20834	COMSATS University of Information Technology	Sahiwal	Bio-Informatics	'Neuroprotection in Alzheimer'
260	NGIRI-2023-20871	COMSATS University of Information Technology	Attock	Computer Engineering	'Smoke and Flame Detection using Deep Learning'
261	NGIRI-2023-21019	COMSATS University of Information Technology	Sahiwal	Computer Science	'Blockchain based Land Registration and Management System'
262	NGIRI-2023-21206	COMSATS University of Information Technology	Wah	Electrical Power Engineering	'Linear Actuator for Suspension System'
263	NGIRI-2023-21477	COMSATS University of Information Technology	Main	Electrical Engineering	'FPGA Implementation of Mobile Net Architecture '
264	NGIRI-2023-21584	COMSATS University of Information Technology	Main	Electronics	'PID BASED ONE DOF EXOSKELETON FOR FLEXION AND EXTENSION MOVEMENT OF ARM'
265	NGIRI-2023-21606	COMSATS University of Information Technology	Sahiwal	Electrical Engineering	'Gesture vocalizer sign language to speech conversion for deaf, dumb and blind'
266	NGIRI-2023-21896	COMSATS University of Information Technology	Main	Electrical Engineering	'FPGA Implementation of Epileptic Seizure Detection'
267	NGIRI-2023-21982	COMSATS University of Information Technology	Abbottabad	Software Engineering	'Virtual try on'
268	NGIRI-2023-22015	COMSATS University of Information Technology	Attock	Computer Engineering	'Green Vision: Empowering Agriculture with AI - Deep Learning-Based Plant Leaf Disease Detection and Classification'
269	NGIRI-2023-22281	COMSATS University of Information Technology	Sahiwal	Electrical Engineering	'Unmanned ground vehicle for smart agriculture'
270	NGIRI-2023-22337	COMSATS University of Information Technology	Sahiwal	Mechanical Engineering	'Design and Fabrication of a Controlled Environment 3D Printer with Improved Printing and Fixed Frame Angle'
271	NGIRI-2023-22387	COMSATS University of Information Technology	Sahiwal	Mechanical Engineering	'Modelling Of Chainless Hybrid Bicycle'
272	NGIRI-2023-22507	COMSATS University of Information Technology	Main	Electrical/Electronics Engineering	'Automated parking slot'
273	NGIRI-2023-17037	Dawood University of Engineering and Technology	Main	Electronics Engineering	'Autonomous Guided Vehicle'
274	NGIRI-2023-17235	Dawood University of Engineering and Technology	Main	Computer System Engineering	'Cloud Based EHR System Secured With Blockchain'
275	NGIRI-2023-17340	Dawood University of Engineering and Technology	Main	Electronics Engineering	'AI-Based Agri-Bot for Smart Farming'
276	NGIRI-2023-17363	Dawood University of Engineering and Technology	Main	Electronics Engineering	'Digital Doctor '
277	NGIRI-2023-17900	Dawood University of Engineering and Technology	Main	Telecom Engineering	'Smart Grid based on Cognitive Radio'
278	NGIRI-2023-18218	Dawood University of Engineering and Technology	Main	Telecom Engineering	'Plant Disease Detection and Monitoring using IoT'
279	NGIRI-2023-18570	Dawood University of Engineering and Technology	Main	Electronics Engineering	'CROPS DISEASE IDENTIFICATION SYSTEM'
280	NGIRI-2023-20619	Dawood University of Engineering and Technology	Main	Computer Science	'Next-Generation Attendance System Using Computer Vision and NLP'
281	NGIRI-2023-20964	Dawood University of Engineering and Technology	Main	Computer System Engineering	'TRAFFIC ACCIDENT DETECTION WITH COMPUTER VISION USING AUTONOMOUS UAV'
282	NGIRI-2023-21254	Dawood University of Engineering and Technology	Main	Computer System Engineering	'Stuttering Therapy Tool'
283	NGIRI-2023-21390	Dawood University of Engineering and Technology	Main	Computer System Engineering	'AI Based Testing Service Assistance App'
284	NGIRI-2023-22486	Dawood University of Engineering and Technology	Main	Computer Science	'Brain Mapping Classification through Neuromorphic Computing'
285	NGIRI-2023-16729	DHA Suffa University	Main	Electrical Engineering	'Design and implementation of a four quadrant DC chopper drive for DC motor speed control'
286	NGIRI-2023-16827	DHA Suffa University	Main	Computer Science	'bookbank'
287	NGIRI-2023-16839	DHA Suffa University	Main	Computer Science	'Charity System Based On BlockChain'
288	NGIRI-2023-16863	DHA Suffa University	Main	Mechanical Engineering	'DESIGN AND FABRICATION OF SOLAR THERMAL COOKER'
289	NGIRI-2023-16880	DHA Suffa University	Main	Mechanical Engineering	'Design and Fabrication of Solar Biogas Digester'
290	NGIRI-2023-20712	DHA Suffa University	Main	Mechanical Engineering	'Design and Fabrication of small scale Trash Compression Machine'
291	NGIRI-2023-21352	DHA Suffa University	Main	Computer Science	'Sneaker Vision'
292	NGIRI-2023-21561	DHA Suffa University	Main	Computer Science	'Supply Chain Automation'
293	NGIRI-2023-17065	Fatima Jinnah Women University	Main	Computer Science	'DerMate-Skincare Product Recommendation System'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
294	NGIRI-2023-17104	Fatima Jinnah Women University	Main	Electronics Engineering	'Design and development of an autonomously navigating indoor and outdoor Robotic rover platform for various tasks.'
295	NGIRI-2023-17132	Fatima Jinnah Women University	Main	Computer Science	E-Commerce Web Application for freshness detection of fruits using deep learning.
296	NGIRI-2023-18536	Fatima Jinnah Women University	Main	Computer Science	'Video Subtitling System Urdu and English'
297	NGIRI-2023-18715	Fatima Jinnah Women University	Main	Computer Science	'Pedagogic Quran Ebook '
298	NGIRI-2023-20396	Fatima Jinnah Women University	Main	Software Engineering	'Trashbot - An Artificial Intelligence based Framework for Automated Waste Segregation '
299	NGIRI-2023-21145	Fatima Jinnah Women University	Main	Software Engineering	'Air Quality Monitoring and Control System '
300	NGIRI-2023-21243	Fatima Jinnah Women University	Main	Software Engineering	'Fire Eye:A Smart Solution for Real-Time Forest Fire and Smoke Detection'
301	NGIRI-2023-16926	Federal Urdu University of Arts, Science and Technology	Main	Computer Science	'Routify Smart Public Transport Routes Tracking System'
302	NGIRI-2023-16973	Federal Urdu University of Arts, Science and Technology	Main	Computer System	'Rentify'
303	NGIRI-2023-16992	Federal Urdu University of Arts, Science and Technology	Islamabad	Electrical Engineering	'PREPAID SMART ENERGY METER WITH LOAD CONTROL AND THEFT DETECTION'
304	NGIRI-2023-17346	Federal Urdu University of Arts, Science and Technology	Islamabad	Electrical Engineering	'Hybrid Energy Generation With Wind Turbine And Pv Array'
305	NGIRI-2023-17393	Federal Urdu University of Arts, Science and Technology	Islamabad	Electrical Engineering	'Artificial Intelligence Based Smart Flood Monitoring System'
306	NGIRI-2023-17605	Federal Urdu University of Arts, Science and Technology	Islamabad	Electrical Engineering	'Consumer Occupation Based Home Energy Management System'
307	NGIRI-2023-18728	Federal Urdu University of Arts, Science and Technology	Islamabad	Electrical/Electronics Engineering	Intelligent Caregiver Robot for COVID-19 Ward
308	NGIRI-2023-23002	Federal Urdu University of Arts, Science and Technology	Main	Computer Science	'Scorpion A skill assessment and career building platform'
309	NGIRI-2023-16883	Foundation University	Islamabad	Software Engineering	'Lost Survival'
310	NGIRI-2023-17098	Foundation University	Islamabad	Electrical Engineering	'UV sensor based Dual Axis Solar Tracking System: Implementation and Analysis'
311	NGIRI-2023-17143	Foundation University	Islamabad	Computer Science	'Smart Water Management System using IoT'
312	NGIRI-2023-17323	Foundation University	Islamabad	Electrical Engineering	'AI based surveillance system'
313	NGIRI-2023-18323	Foundation University	Islamabad	Software Engineering	'AutoBnalysis'
314	NGIRI-2023-18334	Foundation University	Islamabad	Software Engineering	'Carize BI Trending System '
315	NGIRI-2023-18374	Foundation University	Islamabad	Software Engineering	'MR SAUVY (Sentiment Analysis of Urdu Vlogs on YouTube)'
316	NGIRI-2023-19176	Foundation University	Islamabad	Electrical Engineering	'Smart Advertisement'
317	NGIRI-2023-19419	Foundation University	Islamabad	Biomedical Engineering	'Advanced Baby Incubator '
318	NGIRI-2023-19453	Foundation University	Islamabad	Biomedical Engineering	'Automan Humero Physiotherapy machine'
319	NGIRI-2023-19509	Foundation University	Islamabad	Biomedical Engineering	'MY TRANS KNEE'
320	NGIRI-2023-22484	Foundation University	Islamabad	Electrical Engineering	'Spectrum sensing measurements results using RF transceiver and FPGA'
321	NGIRI-2023-16952	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Engineering and Sciences	'Design and Implementation of Brain Computer Interface for Wheelchair'
322	NGIRI-2023-17119	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Mechanical Engineering	'AI Based Welding in Advance Manufacturing '
323	NGIRI-2023-17394	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Mechanical Engineering	'Reverse Engineering of Automobile Brake Pads'
324	NGIRI-2023-18034	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Electrical Power Engineering	'Dual Axis Sun Tracker In Open Energy Audit Lab, GIK '
325	NGIRI-2023-21749	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Computer Science	'AI Based Brain Tumor Classifications in MRI'
326	NGIRI-2023-21958	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Computer Science	'Dublr'
327	NGIRI-2023-22002	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Electrical Power Engineering	'Autonomous Robot for Self Cleaning and Maintenance of Solar Panels'
328	NGIRI-2023-22153	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Electrical Engineering	'AI-Based Real-Time Monitoring System for Classrooms on FPGA'
329	NGIRI-2023-22413	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Electrical/Electronics Engineering	'Radar based vehicle speed detection system'
330	NGIRI-2023-22685	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Electronics Engineering	'Conversion of Combustion Engine to Electric Car with Safety Features'
331	NGIRI-2023-22804	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Electrical Power Engineering	'Solar Powered Fast Charging Of Electric Vehicle Batteries'
332	NGIRI-2023-17295	GIFT University	Gujranwala	Electrical/Electronics Engineering	'Motor Testing Bench'
333	NGIRI-2023-17564	GIFT University	Gujranwala	Computer Science	'SaveE'
334	NGIRI-2023-17717	GIFT University	Gujranwala	Electrical Engineering	'Hybrid Electric Bike '
335	NGIRI-2023-17743	GIFT University	Gujranwala	Electrical/Electronics Engineering	'Design and development of Three phase Matrix convertor for Variable machine Drive control'
336	NGIRI-2023-17758	GIFT University	Gujranwala	Software Engineering	'Automatic Vehicle Verification And Parking System'
337	NGIRI-2023-17812	GIFT University	Gujranwala	Computer Science	'CrimSniffer '
338	NGIRI-2023-17837	GIFT University	Gujranwala	Software Engineering	'Smart News Portal'
339	NGIRI-2023-17891	GIFT University	Gujranwala	Software Engineering	'The Lost Relic'
340	NGIRI-2023-20426	GIFT University	Gujranwala	Computer Science	'Mobile Mate'
341	NGIRI-2023-17250	Gomal University	Main	Electrical Engineering	'Intelligent tri energy management system for economic sustainability among solar utility battery'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
342	NGIRI-2023-21736	Gomal University	Main	Electrical Engineering	'Smart Wireless Power Transmission for house hold appliances'
343	NGIRI-2023-17015	Government College University	Faisalabad	Information Technology	'Assistive Vision Smart Band'
344	NGIRI-2023-17917	Government College University	Faisalabad	Electrical Engineering	'LoRa Based Smart Control and Monitoring System for Water Turbine and Environment Sensing'
345	NGIRI-2023-17919	Government College University	Faisalabad	Electrical Engineering	'IOT Based UHF Partial Discharge Detector Aiming for Power Equipment Protection'
346	NGIRI-2023-17929	Government College University	Faisalabad	Electrical Engineering	'Smart Shopping Cart for Self Service Checkout Based On IoT Technologies'
347	NGIRI-2023-18622	Government College University	Faisalabad	Electrical Engineering	'IOT Based Smart Symposium or Library Seat Occupancy Reservation System'
348	NGIRI-2023-20239	Government College University, Hyderabad	Main	Computer Science	'Smart First Aid'
349	NGIRI-2023-20244	Government College University, Hyderabad	Main	Computer Science	'AUTOMATED ATTENDENCE MANAGEMENT SYSTEM'
350	NGIRI-2023-20260	Government College University, Hyderabad	Main	Computer Science	'Efficient Speed Tracker For Smart Highways'
351	NGIRI-2023-20291	Government College University, Hyderabad	Main	Computer Science	'Women Safety Device using IoT '
352	NGIRI-2023-16771	Habib University	Karachi	Electrical	'Mapping Road Quality and Affecting environmental parameters on Road Networks in Karachi using IoT'
353	NGIRI-2023-18046	Hamdard University	Karachi	Mechanical Engineering	'Effects of baffles design on heat transfer rate on Shall and Tube Heat Exchanger'
354	NGIRI-2023-18968	Hamdard University	Karachi	Electrical Engineering	'Segregation of Ewaste for metals recovery'
355	NGIRI-2023-18970	Hamdard University	Karachi	Biomedical Engineering	'Design and Implementation of 4D Synthetic Human Pulse Generator'
356	NGIRI-2023-19028	Hamdard University	Karachi	Computer System Engineering	'Indoor Air Quality Monitoring Analysis & Decision support system '
357	NGIRI-2023-20530	Hamdard University	Karachi	Biomedical Engineering	'An Enhanced Deep Learning Based Tumor Edge Detection Technique to Improve Spatial and Temporal Resolution for MR Images '
358	NGIRI-2023-21017	Hamdard University	Karachi	Computer System Engineering	'self powered water consumption monitoring and control system'
359	NGIRI-2023-21587	Hamdard University	Karachi	Biomedical Engineering	'DESIGNING A SMART OT LIGHT EQUIPPED WITH HIGH-RESOLUTION CAMERAS FOR SHADOW DETECTION'
360	NGIRI-2023-21769	Hamdard University	Karachi	Electrical Engineering	'e-Bike Battery and Smart Power Management System'
361	NGIRI-2023-22171	Hamdard University	Karachi	Electrical Engineering	'Smart Single Phase Power Factor Improver For Domestic Users '
362	NGIRI-2023-17152	HITEC University	Main	Computer Engineering	'Water inspection device '
363	NGIRI-2023-17203	HITEC University	Main	Computer Engineering	'Automated Attendance Management System '
364	NGIRI-2023-17596	HITEC University	Main	Electrical Power Engineering	'dual band antenna for health care application'
365	NGIRI-2023-17614	HITEC University	Main	Mechanical Engineering	'Design and Fabrication of surface texturing machine for creating micro patterns'
366	NGIRI-2023-17637	HITEC University	Main	Electrical/Electronics Engineering	'Gunshot Source Localization: An IoT Based Approach.'
367	NGIRI-2023-17689	HITEC University	Main	Computer Engineering	'Crowd Counting Using Drone'
368	NGIRI-2023-17694	HITEC University	Main	Electrical Engineering	'Torque Control of Induction Motor using DTC Method'
369	NGIRI-2023-17695	HITEC University	Main	Computer Science	'Home Automation system '
370	NGIRI-2023-17700	HITEC University	Main	Computer Engineering	'Road Accidental Monitoring System'
371	NGIRI-2023-17757	HITEC University	Main	Electrical	'Power Quality Improvement in Renewable Energy Based microgrid Cluster'
372	NGIRI-2023-17810	HITEC University	Main	Electrical Engineering	'Mathematical Modeling and control of magnetic levitation system using fuzzy logic '
373	NGIRI-2023-17834	HITEC University	Main	Electrical Engineering	'Estimation of the Electric Vehicle battery state of health algorithm based on machine learning'
374	NGIRI-2023-18124	HITEC University	Main	Mechanical Engineering	'Design and Fabrication of Ion Propulsion Aircraft'
375	NGIRI-2023-18181	HITEC University	Main	Electrical Engineering	'RF Energy Harvesting System'
376	NGIRI-2023-18197	HITEC University	Main	Computer Science	'Flood Rescue Simulator'
377	NGIRI-2023-18214	HITEC University	Main	Mechanical Engineering	'AUTOMATIC DIMENSIONAL INSPECTION OF MECHANICAL PARTS IN MASS PRODUCTION USING IMAGE PROCESSING'
378	NGIRI-2023-18319	HITEC University	Main	Computer Science	'3D virtual Tour of University '
379	NGIRI-2023-18365	HITEC University	Main	Computer Science	'Online Blood Donation System'
380	NGIRI-2023-18446	HITEC University	Main	Electrical Power Engineering	'IOT Based Industrial Monitoring System'
381	NGIRI-2023-18861	HITEC University	Main	Electrical	'Power sharing in hybrid microgrid cluster '
382	NGIRI-2023-19779	ILMA University, formerly Institute of Business & Technology (IBT)	Main	Computer Science	'Exercise Pose Detection and Auto-correction Using Machine Learning'
383	NGIRI-2023-20046	ILMA University, formerly Institute of Business & Technology (IBT)	Main	Computer System	'Smart Suitcase Using Arduino '
384	NGIRI-2023-20064	ILMA University, formerly Institute of Business & Technology (IBT)	Main	Software Engineering	'Bricklaying Robot'
385	NGIRI-2023-20090	ILMA University, formerly Institute of Business & Technology (IBT)	Main	Computer Science	'Under Water wireless motion detection via camera for surveillance '
386	NGIRI-2023-20240	ILMA University, formerly Institute of Business & Technology (IBT)	Main	Computer Science	'Handheld Inkjet Printer'
387	NGIRI-2023-20600	ILMA University, formerly Institute of Business & Technology (IBT)	Main	Computer Science	'Optimization of Energy Consumption with Integrated Controlling System'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
388	NGIRI-2023-17050	Indus University	Karachi	Electrical Engineering	'Design and Modeling Of Cabin Ejection Prototype For Aircraft Passenger Safety Using IOT and Advance Softwares Simulation'
389	NGIRI-2023-17123	Indus University	Karachi	Electronics	Cellular Network Based Anti-Theft and Speed Controlled Accident Prevention System for E-Bikes
390	NGIRI-2023-17745	Indus University	Karachi	Computer Science & IT	'IOT BASED SMART AGRICULTURE MONITORING SYSTEM'
391	NGIRI-2023-17753	Indus University	Karachi	Computer Science	'Target acquisition, Elimination and Surveillance Security Vehicle'
392	NGIRI-2023-18075	Indus University	Karachi	Electrical Power Engineering	'SMD REFLOW SOLDERING OVEN'
393	NGIRI-2023-18130	Indus University	Karachi	Computer Science	'Iot based Cattle health monitoring system '
394	NGIRI-2023-18392	Indus University	Karachi	Electrical	'Industry Applications Oriented IoT Based Embedded System Trainer with External I/O Interfacing Features
395	NGIRI-2023-18396	Indus University	Karachi	Science & Technology	'IoT Based Embedded Systems Trainer for Industrial Exposure using Arduino Mega '
396	NGIRI-2023-18491	Indus University	Karachi	Software Engineering	'Snatch secure mobile tracing App Based on augmented reality '
397	NGIRI-2023-18496	Indus University	Karachi	Science & Technology	'Design and Fabrication of CNC Plotter machine and also improve the bed movement Two axis'
398	NGIRI-2023-18506	Indus University	Karachi	Science & Technology	'Fabrication and design CNC Machine'
399	NGIRI-2023-18509	Indus University	Karachi	Science & Technology	'Design and development of One eighty Degree sun tracker solar panel system'
400	NGIRI-2023-18567	Indus University	Karachi	Computer Science & IT	'Interior Design App based on Augmented Reality '
401	NGIRI-2023-18711	Indus University	Karachi	Computer Science & IT	'IOT BASED SMART ENERGY METERING SYSTEM'
402	NGIRI-2023-18810	Indus University	Karachi	Computer Science	'Smart Gloves for disable person'
403	NGIRI-2023-18892	Indus University	Karachi	Electrical Engineering	Cost Effective Solution Provided for SMEs for Heavy Duty Motor Operations
404	NGIRI-2023-18926	Indus University	Karachi	Electrical	'PLC and IOT trainer '
405	NGIRI-2023-19078	Indus University	Karachi	Electrical	' ANTI-COLLISION AND DISTANCE ESTIMATION SYSTEM FOR VEHICLES DURING FOGGY WEATHER'
406	NGIRI-2023-19179	Indus University	Karachi	Electrical	'Hand Gloves Speech Conversion for paralysis person '
407	NGIRI-2023-19398	Indus University	Karachi	Electrical Engineering	'E tongue taste sensor for quality analysis using machine learning'
408	NGIRI-2023-19433	Indus University	Karachi	Electrical Engineering	'Embedded System Based Packaging and Filling Machine'
409	NGIRI-2023-20877	Indus University	Karachi	Mechanical Engineering	'Design and Fabrication of steam power plant powered by saw dust waste'
410	NGIRI-2023-20901	Indus University	Karachi	Electrical/Electronics Engineering	'Raspberry Pi Based Embedded System Trainer for Industry Application Through IoT'
411	NGIRI-2023-20918	Indus University	Karachi	Electrical/Electronics Engineering	'Smart IoT based embedded systems trainer for understanding the industrial application by using Arduino Mega
412	NGIRI-2023-20958	Indus University	Karachi	Mechanical Engineering	'Design and analyze the IOT based investigation the behavior of bio gas production from organic waste by anaerobic digestion '
413	NGIRI-2023-22487	Indus University	Karachi	Computing and Technology	'Real-time Fruit Quality Recognition'
414	NGIRI-2023-20398	Information Technology University	Lahore	Electrical Engineering	'Autonomous solar panel cleaning robot'
415	NGIRI-2023-20980	Information Technology University	Lahore	Computer Science	'Realistic Simulation of Traffic on Road Networks from Open Street Map'
416	NGIRI-2023-21008	Information Technology University	Lahore	Computer Science	'Alter Companion Tracking Rig'
417	NGIRI-2023-21397	Information Technology University	Lahore	Electrical Engineering	'Smart Solar Powered Grass Cutter and Plant Sprayer'
418	NGIRI-2023-21544	Information Technology University	Lahore	Electrical Engineering	'Smart Weather Station'
419	NGIRI-2023-21692	Information Technology University	Lahore	Computer Science	'Virtual Tour of University Case Study Information Technology University'
420	NGIRI-2023-21763	Information Technology University	Lahore	Electrical Engineering	'Design and Development of an Indoor Air Purifier'
421	NGIRI-2023-17820	Institute of Business Management	Main	Electrical Engineering	'Maximizing Motor Performance and Minimizing Downtime with IoT-enabled Health Monitoring'
422	NGIRI-2023-17712	Institute of Industrial Electronics Engineering	Main	Industrial Electronics	'Design and development of smart energy meter with cyber security'
423	NGIRI-2023-17744	Institute of Industrial Electronics Engineering	Main	Industrial Electronics	'AI Assisted Smart Monitoring & Control System for Hybrid Electric Motorbike'
424	NGIRI-2023-17748	Institute of Industrial Electronics Engineering	Main	Industrial Electronics	'Intelligent Stethoscope'
425	NGIRI-2023-17806	Institute of Industrial Electronics Engineering	Main	Industrial Electronics	'DEVELOPMENT OF ELECTRONIC SKIN BASED ON ARTIFICIAL INTELLIGENCE'
426	NGIRI-2023-21997	Institute of Management Sciences	Peshawar	Computer Science	'AN IOT BASED SOLAR PANEL MONITORING AND RECOMMENDATION SYSTEM USING BLYNK CLOUD'
427	NGIRI-2023-22661	Institute of Management Sciences	Peshawar	Computer Science	'Try Karle'
428	NGIRI-2023-22912	Institute of Management Sciences	Peshawar	Computer Science & IT	'Monitoring And Identifying Stress Using Wearable Health-band Device'
429	NGIRI-2023-22947	Institute of Management Sciences	Peshawar	Software Engineering	'Help Three Sixty'
430	NGIRI-2023-16799	Institute of Space Technology	Islamabad	Mechanical Engineering	'Vibrational and Structural Analysis of Omni-Directional Anemometer '
431	NGIRI-2023-16919	Institute of Space Technology	Islamabad	Avionics Engineering	'Design and Fabricate an Automatic Landing Control System for an MLS installed on Quadcopter '

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
432	NGIRI-2023-17216	Institute of Space Technology	Islamabad	Mechanical Engineering	'Low Cost Plastic Shredder for Recycling Purpose'
433	NGIRI-2023-17240	Institute of Space Technology	Islamabad	Avionics/Aeronautical Engineering	'Design & Fabrication of an Autonomous Caged Quadcopter.'
434	NGIRI-2023-17285	Institute of Space Technology	Islamabad	Avionics/Aeronautical Engineering	'Module Design utilizing image processing and data acquisition for Asset monitoring using drones'
435	NGIRI-2023-17579	Institute of Space Technology	Islamabad	Avionics/Aeronautical Engineering	'Design and Development of 3 DOF Forward Moving Coaxial Helicopter Platform for Flight Controls'
436	NGIRI-2023-17721	Institute of Space Technology	Islamabad	Avionics Engineering	'Digital Image processing and AI based drowsiness and fatigue detection to avoid road accidents'
437	NGIRI-2023-17732	Institute of Space Technology	Islamabad	Electrical/Electronics Engineering	'Anti Malware Keylogger based Hardware System'
438	NGIRI-2023-17966	Institute of Space Technology	Islamabad	Mechanical Engineering	'Design and Analysis of Rotary ECMO Device'
439	NGIRI-2023-18739	Institute of Space Technology	Islamabad	Electrical Engineering	'Smart Device for Visually Impaired Individuals'
440	NGIRI-2023-18805	Institute of Space Technology	Islamabad	Electrical Engineering	'Three D Food Processing System'
441	NGIRI-2023-19399	Institute of Space Technology	KICSIT	Computer Engineering	Electronic Voting Machine
442	NGIRI-2023-19813	Institute of Space Technology	Islamabad	Electrical Engineering	'Coalition formation of multiple UAV\'s to search and destroy dynamic targets in uncertain environment'
443	NGIRI-2023-19822	Institute of Space Technology	Islamabad	Electrical Engineering	'AGRI IOT (Ripening Chamber)'
444	NGIRI-2023-19947	Institute of Space Technology	Islamabad	Avionics Engineering	'Target Location and Identification amongst finite set of target using FMCW Radar'
445	NGIRI-2023-20049	Institute of Space Technology	KICSIT	Computer Engineering	'Automatic Target Recognition by Robotic Arm'
446	NGIRI-2023-20229	Institute of Space Technology	KICSIT	Computer Engineering	'AI BASED SELF-DRIVING CAR'
447	NGIRI-2023-20475	Institute of Space Technology	Islamabad	Mechanical Engineering	'Aerodynamics Analysis of Lift and Drag forces produced over winglets mounted airfoils used in aerial vehicles'
448	NGIRI-2023-20512	Institute of Space Technology	Islamabad	Avionics Engineering	'Design and fabrication of 5G antenna'
449	NGIRI-2023-20583	Institute of Space Technology	KICSIT	Computer Engineering	'Real Time 3-D Panoramic view generation'
450	NGIRI-2023-20743	Institute of Space Technology	KICSIT	Computer Science	'Smart Diabetic care sensor'
451	NGIRI-2023-21387	Institute of Space Technology	Islamabad	Biomedical Engineering	'Xanthan / bio active glass/ ginger based composite coating on 3d dental implant of stainless steel 316 low carbon by EPD method'
452	NGIRI-2023-21430	Institute of Space Technology	Islamabad	Avionics/Aeronautical Engineering	'Control System Design For High Speed VTOL UAV Using Thrust Vectoring'
453	NGIRI-2023-21671	Institute of Space Technology	KICSIT	Computer Science	'Traffic Vision'
454	NGIRI-2023-21675	Institute of Space Technology	KICSIT	Computer Science	'Game Controller using Hand Gesture '
455	NGIRI-2023-21799	Institute of Space Technology	KICSIT	Computer Science	'Indigenous IOT based Robotic Gun'
456	NGIRI-2023-21973	Institute of Space Technology	KICSIT	Computer System	'CTI Based IDPS on Cloud Computing Environment'
457	NGIRI-2023-18328	International Islamic University	Islamabad	Mechanical Engineering	'Production of Biodiesel from Waste Cooking Oil'
458	NGIRI-2023-18941	International Islamic University	Islamabad	Mechanical Engineering	'Production of Liquid Fuel from plastic waste using Pyrolysis'
459	NGIRI-2023-19358	International Islamic University	Islamabad	Mechanical Engineering	'Design and Fabrication of Multi-Purpose Mining Robot with Rocker-Bogie Suspension System'
460	NGIRI-2023-19503	International Islamic University	Islamabad	Electrical Engineering	'AI based Waste Detection using Drone Imagery'
461	NGIRI-2023-19504	International Islamic University	Islamabad	Electrical	'Smart Automated Irrigation and Plant Disease Detection System '
462	NGIRI-2023-19540	International Islamic University	Islamabad	Electrical Engineering	'GSM Based Hazerds Gases Detection and Safety System for Automobile '
463	NGIRI-2023-19586	International Islamic University	Islamabad	Electrical Engineering	'Design and Implementation of A Solar Inverter with Mobile App for Monitoring '
464	NGIRI-2023-19589	International Islamic University	Islamabad	Electrical Engineering	'IOT BASED SMART AGRICULTURE MONITORING SYSTEM'
465	NGIRI-2023-21436	International Islamic University	Islamabad	Mechanical Engineering	'Green & Healthy Environment through Minimizing Carbon Contaminants by Exhaust Gases'
466	NGIRI-2023-16856	Iqra National University	Main	Electrical Engineering	'Cost Effective Smart Hydroponic Monitoring and Controlling System Using Internet of Things'
467	NGIRI-2023-16860	Iqra National University	Main	Electrical Engineering	'Design and Implementation of a Micro-inverter for PV Applications'
468	NGIRI-2023-16861	Iqra National University	Main	Electrical Engineering	'Design and Implementation of Multilevel Inverter for Industrial Applications'
469	NGIRI-2023-19671	Iqra National University	Main	Computer Science	'AgriDroneFarming Implementation of Pest Control and Yield Prediction in Precision Agriculture using Drone Technology'
470	NGIRI-2023-16783	Iqra University	Islamabad	Computer Science & IT	'Volt Wheels '
471	NGIRI-2023-18196	Iqra University	Islamabad	Computer Science	'MediBot'
472	NGIRI-2023-18330	Iqra University	Islamabad	Computer Science	'G.I.F.S(Green Irrigation and fertilization system)'
473	NGIRI-2023-18386	Iqra University	Islamabad	Computer Science	'Smart Parking'
474	NGIRI-2023-18533	Iqra University	Main	Software Engineering	'ETrolley'
475	NGIRI-2023-18555	Iqra University	Main	Computer Science	'Single Moving Target Tracking and Locking in 3D Space'
476	NGIRI-2023-18915	Iqra University	Main	Telecom Engineering	'A comprehensive Open Source Simulation Framework for LiFi Communication'
477	NGIRI-2023-18920	Iqra University	Main	Electrical Engineering	'Electrical Bike '
478	NGIRI-2023-18924	Iqra University	Main	Electrical Engineering	'Voltage Control of Single Phase PWM Inverter and power Sharing in AC Micro Grids'
479	NGIRI-2023-18976	Iqra University	Main	Engineering and Sciences	'IOT based Green House monitoring and control system '

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
480	NGIRI-2023-18979	Iqra University	Main	Electronics Engineering	'RASPERRY PIE BASED ADAPTIVE STRATEGIES FOR OVER CURRENT RELAY OPTIMIZATION'
481	NGIRI-2023-19203	Iqra University	Main	Computer Science	'Artificial Intelligence Based and controlled smart agricultural field '
482	NGIRI-2023-20280	Iqra University	Main	Electrical Engineering	'Smart Wheel Chair with Health Monitoring'
483	NGIRI-2023-20938	Iqra University	Main	Computer Engineering	'7 DOF of Robotic Arm using AI'
484	NGIRI-2023-20955	Iqra University	Main	Computer Science	'Smart Fire Extinguisher'
485	NGIRI-2023-21104	Iqra University	Main	Computer Science	'Virtual Reality Cycle'
486	NGIRI-2023-21327	Iqra University	Main	Electrical Engineering	'POWER GRID FAILURE DETECTION BASED ON VOLTAGE AND FREQUENCY VARIANCE DETECTION'
487	NGIRI-2023-21386	Iqra University	Main	Electronics	'Machine and Energy Monitoring System through Siemens based SCADA'
488	NGIRI-2023-22640	Iqra University	Islamabad	Computer Science	'house automation using voice commands'
489	NGIRI-2023-22521	Islamia College Peshawar	Main	Computer Science	'Easy Math for kids learning using Augmented Reality'
490	NGIRI-2023-23134	Islamia College Peshawar	Main	Computer Science	'Smart Agriculture'
491	NGIRI-2023-18388	Isra University	Hyderabad	Electrical Engineering	'Design of IoT based Autonomous Vehicle System using AI and Control Systems'
492	NGIRI-2023-19263	Isra University	Hyderabad	Computer Science	'AutoGenius Application'
493	NGIRI-2023-20169	Isra University	Hyderabad	Electrical Engineering	'IOT BASED OVER VOLTAGE/UNDER VOLTAGE LOAD PROTECTION DEVICE'
494	NGIRI-2023-20204	Isra University	Hyderabad	Electrical Engineering	'IOT based transformer health monitoring system'
495	NGIRI-2023-20637	Isra University	Hyderabad	Electrical Engineering	'Smart Domestic Electricity theft detection and Avoidance system'
496	NGIRI-2023-21282	Isra University	Hyderabad	Engineering and Sciences	'Smart green house lot based with Drip irrigation system'
497	NGIRI-2023-18184	Jinnah University for Women	Karachi	Computer Science	DÃ©cor Envision
498	NGIRI-2023-18723	Jinnah University for Women	Karachi	Computer Science	Seniors Go Digital
499	NGIRI-2023-18724	Jinnah University for Women	Karachi	Computer Science	Business Hub
500	NGIRI-2023-18727	Jinnah University for Women	Karachi	Software Engineering	Hayya Alal Falah
501	NGIRI-2023-18806	Jinnah University for Women	Karachi	Software Engineering	MindRaise
502	NGIRI-2023-18807	Jinnah University for Women	Karachi	Software Engineering	BrainSpolek
503	NGIRI-2023-19190	Jinnah University for Women	Karachi	Computer Science	E-Active Workplace
504	NGIRI-2023-19195	Jinnah University for Women	Karachi	Software Engineering	ODD-ESCAPE
505	NGIRI-2023-16684	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Engineering	'SAHF Sentiment Analysis of Human Face using CCTV Camera'
506	NGIRI-2023-16701	Khawaja Fareed University of Engineering and Information Technology	Main	Engineering and Sciences	'Numerical Investigation of Flow Characteristics in an Open Channel in the Presence of Floating Vegetation Islands (FVIs)'
507	NGIRI-2023-17091	Khawaja Fareed University of Engineering and Information Technology	Main	Software Engineering	'lot based Smart Medicine Cold Storage box'
508	NGIRI-2023-17092	Khawaja Fareed University of Engineering and Information Technology	Main	Computer & Information System Engine	'Temperature Based Fan Control'
509	NGIRI-2023-17093	Khawaja Fareed University of Engineering and Information Technology	Main	Computer & Information System Engine	'Automatic Bottle filling machine'
510	NGIRI-2023-17176	Khawaja Fareed University of Engineering and Information Technology	Main	Information & Communication Technolo	'UV visible nanodrop spectrometer'
511	NGIRI-2023-17438	Khawaja Fareed University of Engineering and Information Technology	Main	Science & Technology	'Design and development of solar operated seed planter '
512	NGIRI-2023-17503	Khawaja Fareed University of Engineering and Information Technology	Main	Mechanical Engineering	'Performance Analysis of Concentrated PVT using Fresnel lens with solar tracking'
513	NGIRI-2023-17505	Khawaja Fareed University of Engineering and Information Technology	Main	Computer & Information System Engine	'IOT Based Smart Automatic Oil Filling Bottle Machine'
514	NGIRI-2023-17509	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science & IT	'IOT based sensor to monitor the climate change effect'
515	NGIRI-2023-17511	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science & IT	'Artificial intelligence based indigineous Rain detector'
516	NGIRI-2023-17516	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science & IT	'Computing based smart sensor for health prediction'
517	NGIRI-2023-17517	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science & IT	'IOT based standing waves generator'
518	NGIRI-2023-17553	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Engineering	'ADVANCE AUTONOMOUS THERMAL DRONE'
519	NGIRI-2023-17565	Khawaja Fareed University of Engineering and Information Technology	Main	Mechanical Engineering	'Design And Fabrication Of CNC Machine'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
520	NGIRI-2023-17638	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science	'IOT Botnet Attack Detection '
521	NGIRI-2023-17725	Khawaja Fareed University of Engineering and Information Technology	Main	Science & Technology	'Ink production from air pollution using IoT'
522	NGIRI-2023-17841	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Engineering	'Hyperspectral imaging based oil adulteration detection and classification using machine learning techniques'
523	NGIRI-2023-17869	Khawaja Fareed University of Engineering and Information Technology	Main	Mechanical Engineering	'IoT base Self-burying robot'
524	NGIRI-2023-17921	Khawaja Fareed University of Engineering and Information Technology	Main	Engineering and Sciences	'IoT based Emergency Ventilator and Patient monitoring system'
525	NGIRI-2023-18154	Khawaja Fareed University of Engineering and Information Technology	Main	Software Engineering	'IOT Based Waste Management'
526	NGIRI-2023-18710	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science	'AI-Powered Camera System for Accurate Detection of Crop Diseases Using Visual Symptoms Analysis'
527	NGIRI-2023-18889	Khawaja Fareed University of Engineering and Information Technology	Main	Management and Information Sciences	'Smart Energy Management System'
528	NGIRI-2023-19029	Khawaja Fareed University of Engineering and Information Technology	Main	Electrical Engineering	'Development of high efficient and cost effective vegetable oil for the insulation of power transformer'
529	NGIRI-2023-19661	Khawaja Fareed University of Engineering and Information Technology	Main	Software Engineering	'Vehicle identification and security system '
530	NGIRI-2023-19707	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Engineering	'Smart Tunnel Farming '
531	NGIRI-2023-19794	Khawaja Fareed University of Engineering and Information Technology	Main	Engineering and Sciences	'Role of AI for Environmental protection at Rahim Yar Khan'
532	NGIRI-2023-19964	Khawaja Fareed University of Engineering and Information Technology	Main	Engineering and Sciences	'Production of 100 tons crude terephthalate acid using rice straws'
533	NGIRI-2023-20739	Khawaja Fareed University of Engineering and Information Technology	Main	Electrical Engineering	'Development of Epoxy Based Nano-particles Solid Material for the Application of High Voltage Insulators'
534	NGIRI-2023-21419	Khawaja Fareed University of Engineering and Information Technology	Main	Mechanical Engineering	'Drying Uniformity Enhancement in solar fruit Dryer'
535	NGIRI-2023-21597	Khawaja Fareed University of Engineering and Information Technology	Main	Electrical Engineering	'Design & Construction of 2 by 2 Microstrip patch Antenna for RF energy Harvesting System.'
536	NGIRI-2023-21602	Khawaja Fareed University of Engineering and Information Technology	Main	Electrical	'WIRELESS POWER CHARGER'
537	NGIRI-2023-21643	Khawaja Fareed University of Engineering and Information Technology	Main	Electrical Engineering	'Solar base TDS control of water through electrolysis'
538	NGIRI-2023-21918	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science	'Kfueit grievances portal '
539	NGIRI-2023-21948	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science	'Hostel Finder'
540	NGIRI-2023-17058	Khushal Khan Khattak University	Karak	Computer Science	'Garbage Monitoring System Using Social Internet of Things (SIoT) in Smart Communities'
541	NGIRI-2023-17172	Lahore College for Women University	Lahore	Computer Science	'An android mood based music application.'
542	NGIRI-2023-17210	Lahore College for Women University	Lahore	Computer Science	'An Android based application for Identification of plants and their Diseases'
543	NGIRI-2023-17539	Lahore College for Women University	Lahore	Electrical Engineering	'IoT based Load Management System '
544	NGIRI-2023-18073	Lahore College for Women University	Lahore	Computer Science	'A Waterlogging Tolerance Estimation Application By Using Drone And Deep Learning Techniques'
545	NGIRI-2023-18373	Lahore College for Women University	Lahore	Computer Science	'AN INTELLIGENT ROAD ACCIDENT INJURY CLASSIFICATION AND RESCUE ALERT SYSTEM BY USING DEEP LEARNING TECHNIQUES'
546	NGIRI-2023-19232	Lahore Garrison University	Main	Software Engineering	'3D Restaurant Reservation Service With Blockchain '
547	NGIRI-2023-20301	Lahore Garrison University	Main	Software Engineering	'Criminal Detection system '
548	NGIRI-2023-20560	Lahore Garrison University	Main	Software Engineering	'Smart Aquaponic Farm'
549	NGIRI-2023-20613	Lahore Garrison University	Main	Computer Science	'Thesis on power reduction of GPU using Optimization models.'
550	NGIRI-2023-20713	Lahore Garrison University	Main	Computer Science	'Alzheimer\'s Detection Using Deep Learning Algorithms '
551	NGIRI-2023-20772	Lahore Garrison University	Main	Software Engineering	'Sports Three Hundred and Sixty'
552	NGIRI-2023-20887	Lahore Garrison University	Main	Computer Science & IT	'GSM based IoT Solution for Automation Systems'
553	NGIRI-2023-20896	Lahore Garrison University	Main	Computer Science & IT	'Sign Language To Speech Conversion Via Smart Glove For Deaf and Dumb'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
554	NGIRI-2023-20914	Lahore Garrison University	Main	Information Technology	'Smart Esophageal Cancer detection using Transfer Learning'
555	NGIRI-2023-20923	Lahore Garrison University	Main	Information Technology	'Digital parking system based on iot '
556	NGIRI-2023-20935	Lahore Garrison University	Main	Computer Science & IT	'Automated Rob Firefighter'
557	NGIRI-2023-20997	Lahore Garrison University	Main	Information Technology	'Deep learning Model to Analyze psychological effects on Gamers'
558	NGIRI-2023-21012	Lahore Garrison University	Main	Information Technology	'Smart AQUAPONIC FARM '
559	NGIRI-2023-21458	Lahore Garrison University	Main	Computer Science	'Smart parking System'
560	NGIRI-2023-22138	Lahore Garrison University	Main	Computer Science	'Detection of Invasive Ductal Carcinoma (IDC)'
561	NGIRI-2023-22462	Lahore Garrison University	Main	Computer System	'Ensemble Learning based approaches for depression detection'
562	NGIRI-2023-17134	Lahore Leads University	Main	Electrical	'DESIGN OF 1-KW SINGLE PHASE SOLAR & GRID TIE HYBRID INVERTER'
563	NGIRI-2023-18930	Lahore Leads University	Main	Electrical Engineering	'Monitor Driverâ€™s Facial Expression to detect Drowsiness and Yawning to avoid road accidents using Image Processing'
564	NGIRI-2023-22594	Lahore Leads University	Main	Electrical Engineering	'Real time hand gesture recognition and voice conversion for deaf and dumb person'
565	NGIRI-2023-16985	Lahore University of Management Sciences	Lahore	Computer Science	'Remote Sensing using Google Earth Engine'
566	NGIRI-2023-17020	Lahore University of Management Sciences	Lahore	Electrical Engineering	'INTELLIGENT LITHIUM-ION BATTERY MANAGEMENT SYSTEM'
567	NGIRI-2023-17025	Lahore University of Management Sciences	Lahore	Bio-Informatics	'Investigating the Anti-survival and Pro-survival Role of Autophagy in Cancer Progression '
568	NGIRI-2023-17267	Lahore University of Management Sciences	Lahore	Electrical Engineering	'Optimization of Power Electronics Circuits Using Machine Learning'
569	NGIRI-2023-17368	Liaquat University of Medical and Health Sciences	Main	Biomedical Engineering	'smart pills alert and dispensing system'
570	NGIRI-2023-17567	Liaquat University of Medical and Health Sciences	Main	Biomedical Engineering	'Monitoring system for comatose patients'
571	NGIRI-2023-17659	Liaquat University of Medical and Health Sciences	Main	Biomedical Engineering	'Eyeball movement controlled text and speech based remote interpreter for quadriplegic patients '
572	NGIRI-2023-18220	Liaquat University of Medical and Health Sciences	Main	Biomedical Engineering	'Patient controlled analgesic infusion pump'
573	NGIRI-2023-16950	Mehran University of Engineering & Technology	Khairpur	Mechanical Engineering	'Design And Fabrication of Direct Contact Membrane Distillation DC MD System '
574	NGIRI-2023-16976	Mehran University of Engineering & Technology	Jamshoro	Computer System	'VR haptic Gloves'
575	NGIRI-2023-17019	Mehran University of Engineering & Technology	Jamshoro	Telecom Engineering	'Speech Emotion Recognition for Pakistani Accented English '
576	NGIRI-2023-17256	Mehran University of Engineering & Technology	Jamshoro	Mechatronics Engineering	'Design and Development of Soft Robotics Gripper for Dexterous Grasping'
577	NGIRI-2023-17288	Mehran University of Engineering & Technology	Jamshoro	Telecom Engineering	'Light Weight Drone'
578	NGIRI-2023-17351	Mehran University of Engineering & Technology	Khairpur	Electrical Engineering	'A prototype design of Solarized Water Purifier System'
579	NGIRI-2023-17643	Mehran University of Engineering & Technology	Jamshoro	Computer System Engineering	'Gesture controlled robotic wheelchair '
580	NGIRI-2023-17652	Mehran University of Engineering & Technology	Jamshoro	Computer System Engineering	'SMART ACOUSTICAL EYE FOR VISUALLY IMPAIRED '
581	NGIRI-2023-17778	Mehran University of Engineering & Technology	Jamshoro	Biomedical Engineering	'A prototype for an artificial exo kidney '
582	NGIRI-2023-18004	Mehran University of Engineering & Technology	Khairpur	Electrical Engineering	'An intelligent frequency control scheme at inverter station in HVDC Transmission System '
583	NGIRI-2023-18270	Mehran University of Engineering & Technology	Jamshoro	Computer System	'Indoor Guidance Smart Glasses for the Blind People'
584	NGIRI-2023-18522	Mehran University of Engineering & Technology	Jamshoro	Computer System Engineering	'Photomosaic based data encryption and decryption system'
585	NGIRI-2023-18546	Mehran University of Engineering & Technology	Jamshoro	Computer System Engineering	'Green IoT An IoT Based Urban Vegetation Application'
586	NGIRI-2023-18621	Mehran University of Engineering & Technology	Jamshoro	Biomedical Engineering	'CPAP and Bi-PAP therapy mask'
587	NGIRI-2023-18798	Mehran University of Engineering & Technology	Jamshoro	Computer System	'Non Invasive Glucose Monitoring Using Breath Analysis With Recommendation System'
588	NGIRI-2023-18829	Mehran University of Engineering & Technology	Jamshoro	Computer Science	'Augmented Reality Based Outdoor Navigation Application'
589	NGIRI-2023-18864	Mehran University of Engineering & Technology	Jamshoro	Telecom Engineering	'Signify'
590	NGIRI-2023-18966	Mehran University of Engineering & Technology	Jamshoro	Electronics Engineering	'Development of Smart Syringe Infusion Device for Healthcare'
591	NGIRI-2023-19457	Mehran University of Engineering & Technology	Jamshoro	Electrical	'Smart Health Monitoring System of Distribution Transformer'
592	NGIRI-2023-19575	Mehran University of Engineering & Technology	Jamshoro	Computer Science	'Hybrid Driver Drowsiness Detection '
593	NGIRI-2023-19588	Mehran University of Engineering & Technology	Jamshoro	Electronics Engineering	'Automatic fire extinguishing and monitoring system for industry propose.'
594	NGIRI-2023-19624	Mehran University of Engineering & Technology	Jamshoro	Electrical Engineering	'DESIGN OF DUAL AXIS SOLAR SUNFLOWER TRACKING MODEL'
595	NGIRI-2023-19651	Mehran University of Engineering & Technology	Jamshoro	Mechatronics Engineering	'Machine Learning Based Violence Detection and Alarm System For Safe Urban Environment'
596	NGIRI-2023-19845	Mehran University of Engineering & Technology	Jamshoro	Computer Science	'Smart Contract Development for Agriculture-estate'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
597	NGIRI-2023-19910	Mehran University of Engineering & Technology	Jamshoro	Electrical Engineering	'DESIGN AND DEVELOPMENT OF SMART ROBOTIC SYSTEM FOR CLEANING & TRACKING OF SOLAR PV PANEL'
598	NGIRI-2023-19921	Mehran University of Engineering & Technology	Jamshoro	Electronics Engineering	'Artificial Brain Motor movement and Visual Learning'
599	NGIRI-2023-19985	Mehran University of Engineering & Technology	Jamshoro	Computer Science	'Identifying real tweets and images regarding disaster'
600	NGIRI-2023-20045	Mehran University of Engineering & Technology	Jamshoro	Mechatronics Engineering	'Design and development of smart ventilator'
601	NGIRI-2023-20051	Mehran University of Engineering & Technology	Jamshoro	Mechatronics Engineering	'Development of real time smart glove for deaf people'
602	NGIRI-2023-20599	Mehran University of Engineering & Technology	Jamshoro	Electrical Engineering	'Design and development of CNC PCB milling machine'
603	NGIRI-2023-21232	Mehran University of Engineering & Technology	Jamshoro	Electrical Engineering	'Design of an Electric Quad cycle '
604	NGIRI-2023-21290	Mehran University of Engineering & Technology	Jamshoro	Mechanical Engineering	'Design of mould for fabrication of helical two bladed vertical axis wind turbine'
605	NGIRI-2023-21367	Mehran University of Engineering & Technology	Jamshoro	Mechanical Engineering	'Air Quality Monitoring System'
606	NGIRI-2023-21373	Mehran University of Engineering & Technology	Khairpur	Electrical Engineering	'Development and Deployment of Hybrid Renewable Energy Systems with Energy Storage for Rural Electrification In Pakistan'
607	NGIRI-2023-21424	Mehran University of Engineering & Technology	Jamshoro	Electronics Engineering	'Indoor Air purifier and Air Quality Monitoring system'
608	NGIRI-2023-21536	Mehran University of Engineering & Technology	Jamshoro	Computer Engineering	'Malaria disease detecting application'
609	NGIRI-2023-21614	Mehran University of Engineering & Technology	Khairpur	Software Engineering	'Electronic Voting system '
610	NGIRI-2023-21632	Mehran University of Engineering & Technology	Jamshoro	Biomedical Engineering	'Development of Non Invasive Prosthesis for Transradial Amputation '
611	NGIRI-2023-21650	Mehran University of Engineering & Technology	Jamshoro	Telecom Engineering	'Smart Route Conditioning System'
612	NGIRI-2023-21762	Mehran University of Engineering & Technology	Jamshoro	Mechanical Engineering	'PERFORMANCE ENHANCEMENT OF SOLAR PHOTOVOLTAIC CELL BY USING MIST GENERATION SYSTEM'
613	NGIRI-2023-21887	Mehran University of Engineering & Technology	Khairpur	Electrical	'A COMPARATIVE STUDY AND PERFORMANCE ANALYSIS OF DIFFERENT MPPT ALGORITHMS FOR SOLAR PV SYSTEM'
614	NGIRI-2023-22080	Mehran University of Engineering & Technology	Khairpur	Electronics Engineering	'IOT based Gas Leakage Detection and control system'
615	NGIRI-2023-22097	Mehran University of Engineering & Technology	Jamshoro	Mechanical Engineering	'Design and Fabrication of Fire Fighting Robot '
616	NGIRI-2023-22220	Mehran University of Engineering & Technology	Khairpur	Electronics Engineering	' Design and implementation of real time drowsiness and yawn detection system to control accident'
617	NGIRI-2023-22592	Mehran University of Engineering & Technology	Khairpur	Software Engineering	'Explore Pakistan \\'The ultimate tourist guide app\''
618	NGIRI-2023-19250	Minhaj University	Main	Computer Science	'Intuitive Gesture Control System In Smart Gaming'
619	NGIRI-2023-19252	Minhaj University	Main	Computer Science	'Intelligent Face Detection Attendance System'
620	NGIRI-2023-19253	Minhaj University	Main	Computer Science	'Smart Laser Security System For Robust Threat Mitigation'
621	NGIRI-2023-19254	Minhaj University	Main	Computer Science	'Intelligent Room Light Controller for Enhanced illumination'
622	NGIRI-2023-19550	Minhaj University	Main	Information Technology	'Smart Irrigation System'
623	NGIRI-2023-19551	Minhaj University	Main	Computer Science & IT	'Room Automation System'
624	NGIRI-2023-19611	Minhaj University	Main	Information Technology	'Raspberry Based Intelligent Quadcopter Controller'
625	NGIRI-2023-16681	Mirpur University of Science and Technology (MUST)	Mirpur	Telecommunication & Networking	'AI based Multi-Criterion Association in Software Defined Wi-Fi Networks'
626	NGIRI-2023-17836	Mirpur University of Science and Technology (MUST)	Mirpur	Software Engineering	'real time feedback'
627	NGIRI-2023-17880	Mirpur University of Science and Technology (MUST)	Mirpur	Software Engineering	'Real time attendance system using face recognition'
628	NGIRI-2023-18106	Mirpur University of Science and Technology (MUST)	Mirpur	Computer System Engineering	'The Novel Thyroid disease prediction using Machine learning '
629	NGIRI-2023-18119	Mirpur University of Science and Technology (MUST)	Mirpur	Software Engineering	'An Interactive Computer System with gesture based mouse and keyboard'
630	NGIRI-2023-21096	Mirpur University of Science and Technology (MUST)	Mirpur	Electrical Power Engineering	'Artificial Intelligence Based Performance Optimization of Solar Energy Systems'
631	NGIRI-2023-21112	Mirpur University of Science and Technology (MUST)	Mirpur	Software Engineering	'Smart waste management system based on Iot'
632	NGIRI-2023-21764	Mirpur University of Science and Technology (MUST)	Mirpur	Electrical Power Engineering	'Appliances health monitoring system for predictive maintenance '
633	NGIRI-2023-21785	Mirpur University of Science and Technology (MUST)	Mirpur	Electrical Power Engineering	'Face Recognition Based Attendance using Esp 32, RFID System and Temperature Scanner'
634	NGIRI-2023-21810	Mirpur University of Science and Technology (MUST)	Mirpur	Electrical Engineering	'IOT based Weather and Air Quality monitoring system '
635	NGIRI-2023-21923	Mirpur University of Science and Technology (MUST)	Mirpur	Electrical Engineering	'Non intrusive load monitoring system for real time domestic appliances detection.'
636	NGIRI-2023-21933	Mirpur University of Science and Technology (MUST)	Mirpur	Electrical Engineering	'Domestic Animals Tracking System Using NRF and GPS'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
637	NGIRI-2023-21999	Mirpur University of Science and Technology (MUST)	Mirpur	Electrical Engineering	'IOT Based Transferomer Health Monitoring System'
638	NGIRI-2023-22101	Mirpur University of Science and Technology (MUST)	Mirpur	Electrical	'Arduino Based Underground Cable Fault Detection System'
639	NGIRI-2023-22631	Mirpur University of Science and Technology (MUST)	Mirpur	Computer System Engineering	'Object Detection and Warning System Visually Impaired People '
640	NGIRI-2023-22851	Mirpur University of Science and Technology (MUST)	Mirpur	Computer System Engineering	'Real Time Voice Password Based Home Automation'
641	NGIRI-2023-22852	Mirpur University of Science and Technology (MUST)	Mirpur	Computer System Engineering	'Non-Invasive Blood Glucose Monitor (NIGMO)'
642	NGIRI-2023-19602	MNS University of Agriculture, Multan	Main	Engineering and Sciences	'Development of IOT based Monitoring Network for Maize Crop Yield'
643	NGIRI-2023-19786	MNS University of Agriculture, Multan	Main	Science & Technology	'Compact Indoor Farming System '
644	NGIRI-2023-20029	MNS University of Agriculture, Multan	Main	Computer Science	'Blood Donation Mobile Application'
645	NGIRI-2023-20279	MNS University of Agriculture, Multan	Main	Computing and Technology	'Virtual Tour of MNSUAM'
646	NGIRI-2023-20284	MNS University of Agriculture, Multan	Main	Computer System Engineering	'AI Based Realtime Accident detection and Alerting system'
647	NGIRI-2023-20607	MNS University of Agriculture, Multan	Main	Computer Engineering	'Smart HealthMate'
648	NGIRI-2023-20627	MNS University of Agriculture, Multan	Main	Computer Science	'Smart Baby cradle and monitoring system '
649	NGIRI-2023-20654	MNS University of Agriculture, Multan	Main	Computer System Engineering	'Smart 3D Study'
650	NGIRI-2023-20679	MNS University of Agriculture, Multan	Main	Computer System	'Autonomous car (perception module)'
651	NGIRI-2023-20700	MNS University of Agriculture, Multan	Main	Computer Science & IT	'Green Sense Real Time monitoring system for crops and plants'
652	NGIRI-2023-21371	MNS University of Agriculture, Multan	Main	Computer Science & IT	'Student Progress Tracking System '
653	NGIRI-2023-21630	MNS University of Agriculture, Multan	Main	Computer Science	'Real-Time Smart Animal Health Monitoring System'
654	NGIRI-2023-22039	MNS University of Agriculture, Multan	Main	Computer Science	'Health Monitoring System'
655	NGIRI-2023-22626	MNS University of Agriculture, Multan	Main	Computer Science & IT	'Anti Sleep Alarm Glasses For Driver'
656	NGIRI-2023-22872	MNS University of Agriculture, Multan	Main	Computer Science & IT	'Vet Pharmapedia Pakistan'
657	NGIRI-2023-22952	MNS University of Agriculture, Multan	Main	Engineering and Sciences	'Development of IOT based Incubator for Egg hatching'
658	NGIRI-2023-19323	Mohammad Ali Jinnah University	Karachi	Computer System Engineering	'Voice Identification System'
659	NGIRI-2023-19326	Mohammad Ali Jinnah University	Karachi	Electrical Engineering	'Smart Controlled Chamber for Plant Growth and Health Monitoring'
660	NGIRI-2023-19327	Mohammad Ali Jinnah University	Karachi	Electrical Engineering	'Design of Underwater Acoustic Communication System using Suitable Techniques'
661	NGIRI-2023-19333	Mohammad Ali Jinnah University	Karachi	Electrical Engineering	'\''Towards Carbon-Neutral Transportation: Developing a Sustainable Controller for Renewable Energy-Based Vehicles'\''
662	NGIRI-2023-19338	Mohammad Ali Jinnah University	Karachi	Electrical Engineering	'Innovative Battery Management System for Sustainable Electric Vehicle using AI and Renewable Sources.'
663	NGIRI-2023-19340	Mohammad Ali Jinnah University	Karachi	Computer System Engineering	'Assistive Limb Innovation'
664	NGIRI-2023-20340	Mohammad Ali Jinnah University	Karachi	Computer System Engineering	'Waste Management System'
665	NGIRI-2023-20346	Mohammad Ali Jinnah University	Karachi	Computer Science	'Parkar'
666	NGIRI-2023-20347	Mohammad Ali Jinnah University	Karachi	Software Engineering	'ScrapYard'
667	NGIRI-2023-20349	Mohammad Ali Jinnah University	Karachi	Software Engineering	'Fulfill Master'
668	NGIRI-2023-20352	Mohammad Ali Jinnah University	Karachi	Computer System Engineering	'Warehouse Automation using IOT'
669	NGIRI-2023-20358	Mohammad Ali Jinnah University	Karachi	Computer Science	'Smart Parenting '
670	NGIRI-2023-20361	Mohammad Ali Jinnah University	Karachi	Computer Science & IT	'Plant'
671	NGIRI-2023-20365	Mohammad Ali Jinnah University	Karachi	Computer Science & IT	'AutisTech360'
672	NGIRI-2023-20372	Mohammad Ali Jinnah University	Karachi	Computer Science & IT	'online voting system'
673	NGIRI-2023-20384	Mohammad Ali Jinnah University	Karachi	Computer Science	'lost and found for missing person'
674	NGIRI-2023-20581	Mohammad Ali Jinnah University	Karachi	Computer Science	'CHATDOC'
675	NGIRI-2023-17220	Muhammad Nawaz Sharif University of Engineering & Technology	Main	Electrical Engineering	'Monitoring of Irrigation system using IOT'
676	NGIRI-2023-19374	Muhammad Nawaz Sharif University of Engineering & Technology	Main	Electrical Engineering	'Portable Ventilator'
677	NGIRI-2023-19690	Muhammad Nawaz Sharif University of Engineering & Technology	Main	Electrical Engineering	'Solar Assisted Electric Bicycle by using BLDC Hub Motor'
678	NGIRI-2023-16795	Namal University, Mianwali	Main	Electrical Engineering	'herbs identification using machine learning'
679	NGIRI-2023-17956	Namal University, Mianwali	Main	Electrical Engineering	'ML Based Seed Classification and Controlled Sowing System '
680	NGIRI-2023-17968	Namal University, Mianwali	Main	Electrical	'IoT based Smart Irrigation System with Weather Forecasting'
681	NGIRI-2023-19367	Namal University, Mianwali	Main	Electrical Engineering	'Anti-Vehicle Collision and Driver Drowsiness Monitoring System '
682	NGIRI-2023-19395	Namal University, Mianwali	Main	Electrical Engineering	'Smart BioFloc Water Management System'
683	NGIRI-2023-21494	Namal University, Mianwali	Main	Computer Science	'Urdu Based ASR System'
684	NGIRI-2023-21850	Namal University, Mianwali	Main	Computer Science	'Roman Urdu to Urdu and English Translation'
685	NGIRI-2023-21852	Namal University, Mianwali	Main	Management and Information Sciences	'Value Chain Analysis of Biofloc Technology'
686	NGIRI-2023-22022	Namal University, Mianwali	Main	Management and Information Sciences	'FishTech'
687	NGIRI-2023-17403	National College of Business Administration & Economics (NCBA&E)	Bahawalpur	Computer Science	'Crowdfunding Blockchain web application '
688	NGIRI-2023-16773	National Textile University	Main	Computer Science	'Indoor Navigation System'
689	NGIRI-2023-16775	National Textile University	Main	Computer Science & IT	'Surveillance Drome'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
690	NGIRI-2023-16939	National Textile University	Main	Computer Science	'PetPal with companion device'
691	NGIRI-2023-17385	National Textile University	Main	Computer Science & IT	'Pakistan Sign Language converter to text'
692	NGIRI-2023-17630	National Textile University	Main	Computer Science	'Shade Defect Detection in Denim by using Image Processing'
693	NGIRI-2023-18217	National Textile University	Main	Computer Science & IT	'Accessories Scanning and Recognition for Visually Impaired Persons'
694	NGIRI-2023-21776	National Textile University	Main	Computer Science	'Agriculture Marketplace'
695	NGIRI-2023-16876	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Software Engineering	'Smacle'
696	NGIRI-2023-16886	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Software Engineering	'Marah Muallem '
697	NGIRI-2023-16944	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Electronics Engineering	'Prosthetic Arm using AI techniques and emg sensor'
698	NGIRI-2023-16972	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Electrical Engineering	'IoT Based Health Monitoring & Fault Detection of Industrial AC Induction Motor'
699	NGIRI-2023-16988	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Electrical Engineering	'IoT Based Faulty Battery Detection & Management System'
700	NGIRI-2023-17094	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Electrical Engineering	'Automation and Control of Portable Ventilator'
701	NGIRI-2023-17131	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Computer Science	'WeMobile'
702	NGIRI-2023-17246	National University of Computer and Emerging Sciences (FAST-NU)	Peshawar	Computer Science	'Hyperspectral Image Denoising Using Attention and Features Extraction-Based Hybrid Spatial-Spectral Deep Network (AFE-HSSDN) '
703	NGIRI-2023-17260	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Computer Science	'Radar Security'
704	NGIRI-2023-17276	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Computer Science	'Rentomatic'
705	NGIRI-2023-17284	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Electrical Engineering	'Iot based solar array cleaning system'
706	NGIRI-2023-18937	National University of Computer and Emerging Sciences (FAST-NU)	Karachi	Computer Science	'Fruit Inspector'
707	NGIRI-2023-19004	National University of Computer and Emerging Sciences (FAST-NU)	Lahore	Electrical/Electronics Engineering	'System on Chip based Deep Learning Accelerator for ECG Classification'
708	NGIRI-2023-19080	National University of Computer and Emerging Sciences (FAST-NU)	Karachi	Computer Science	'Posture.ai'
709	NGIRI-2023-19929	National University of Computer and Emerging Sciences (FAST-NU)	Main	Computer Science	'S23-008-D-SceneCraft360'
710	NGIRI-2023-19967	National University of Computer and Emerging Sciences (FAST-NU)	Main	Electrical Engineering	'Water Rescue Robot'
711	NGIRI-2023-20445	National University of Computer and Emerging Sciences (FAST-NU)	Lahore	Computer Science	'Emergency Expert'
712	NGIRI-2023-20452	National University of Computer and Emerging Sciences (FAST-NU)	Peshawar	Computer Science	'VR Traveller '
713	NGIRI-2023-21044	National University of Computer and Emerging Sciences (FAST-NU)	Karachi	Computing and Technology	'Identification of Biological Markers in Cancer Disease using Explainable AI'
714	NGIRI-2023-21132	National University of Computer and Emerging Sciences (FAST-NU)	Karachi	Computer System	'Crowd Sourcing for Disaster management'
715	NGIRI-2023-21157	National University of Computer and Emerging Sciences (FAST-NU)	Karachi	Software Engineering	'Earn From Learn'
716	NGIRI-2023-21226	National University of Computer and Emerging Sciences (FAST-NU)	Karachi	Computer Science	'SSGC Meter Reading Application'
717	NGIRI-2023-21242	National University of Computer and Emerging Sciences (FAST-NU)	Karachi	Computer Science	'CROWD COUNT AND FLOW DIRECTION ESTIMATION'
718	NGIRI-2023-21273	National University of Computer and Emerging Sciences (FAST-NU)	Lahore	Computer Science	'Weakly Supervised Cell Segmentation in Multi Modality Microscopy Images'
719	NGIRI-2023-21406	National University of Computer and Emerging Sciences (FAST-NU)	Karachi	Software Engineering	'Shadow Runes The Preacher of Night'
720	NGIRI-2023-21433	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Software Engineering	'Automanic'
721	NGIRI-2023-22591	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Software Engineering	'UAV Based People Counting System'
722	NGIRI-2023-17679	National University of Modern Languages	Rawalpindi	Computer Science	'Android application for children with Autism Spectrum Disorder'
723	NGIRI-2023-17682	National University of Modern Languages	Rawalpindi	Computer Science	'ANDROID APP FOR LOCATION BASED OPEN MARKET'
724	NGIRI-2023-17685	National University of Modern Languages	Rawalpindi	Computer Science	'Skin Cancer Detection Application'
725	NGIRI-2023-17699	National University of Modern Languages	Rawalpindi	Electrical Engineering	'AI Assisted UGV (Unmanned ground vehicle)'
726	NGIRI-2023-17739	National University of Modern Languages	Rawalpindi	Electrical Engineering	'IOT BASED LONG RANGE SURVEILLANCE ROBOT'
727	NGIRI-2023-17751	National University of Modern Languages	Rawalpindi	Computer Science	'ACCIDENT CRASH AND ANOMALOUS ACTIVITY DETECTION '
728	NGIRI-2023-17801	National University of Modern Languages	Islamabad	Electrical Engineering	'IoT Enabled Health Monitoring System for Miners'
729	NGIRI-2023-17922	National University of Modern Languages	Islamabad	Software Engineering	'E Parking Challan App'
730	NGIRI-2023-18148	National University of Modern Languages	Islamabad	Software Engineering	'Intelligent Diagram Creator'
731	NGIRI-2023-18232	National University of Modern Languages	Islamabad	Computer Science	'Supervised Classification of Land Images Using Deep Learning'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
732	NGIRI-2023-18299	National University of Modern Languages	Islamabad	Software Engineering	'WS Try-On'
733	NGIRI-2023-18393	National University of Modern Languages	Islamabad	Computer Science	'Food Allergens Recognizer'
734	NGIRI-2023-18749	National University of Modern Languages	Islamabad	Computer Science	'Reducing Electricity Costs with Smart Scheduling and Renewable Energy'
735	NGIRI-2023-18780	National University of Modern Languages	Islamabad	Computer Science	'Real Time Patient Monitoring System IoT based'
736	NGIRI-2023-19148	National University of Modern Languages	Rawalpindi	Electrical Engineering	'Automatic Power Factor Correction '
737	NGIRI-2023-21088	National University of Modern Languages	Islamabad	Electrical Engineering	'IOT based water filtration and monitoring system '
738	NGIRI-2023-21420	National University of Modern Languages	Rawalpindi	Computer System	'SafePay'
739	NGIRI-2023-16704	National University of Science and Technology (NUST)	(CAE) College of Aeronau	Avionics/Aeronautical Engineering	'RF and NIRS based Non invasive measuring of blood sugar level'
740	NGIRI-2023-16719	National University of Science and Technology (NUST)	(CAE) College of Aeronau	Avionics Engineering	'Multi functional RF components for Reconfigurable RF System'
741	NGIRI-2023-16721	National University of Science and Technology (NUST)	(CAE) College of Aeronau	Avionics/Aeronautical Engineering	'AI Based Digital Modulation Scheme Recognition'
742	NGIRI-2023-16760	National University of Science and Technology (NUST)	(CAE) College of Aeronau	Avionics/Aeronautical Engineering	'Implementation of Vision Language Navigation'
743	NGIRI-2023-16761	National University of Science and Technology (NUST)	(CAE) College of Aeronau	Avionics/Aeronautical Engineering	'Forensic Tool for Deepfake Detection '
744	NGIRI-2023-16768	National University of Science and Technology (NUST)	(CAE) College of Aeronau	Avionics Engineering	'Reconfigurable Array Antenna Design for Phased Array Applications'
745	NGIRI-2023-16777	National University of Science and Technology (NUST)	CEME	Mechatronics Engineering	'Development of a Force Sensor Integrated Surgical Instrument for Telemanipulation based Minimally Invasive Robotic Surgery'
746	NGIRI-2023-16780	National University of Science and Technology (NUST)	(CAE) College of Aeronau	Avionics Engineering	'Design Modelling and Simulation of a Motion Simulator'
747	NGIRI-2023-16889	National University of Science and Technology (NUST)	CEME	Mechatronics Engineering	'Assistive Feeding System'
748	NGIRI-2023-17034	National University of Science and Technology (NUST)	Main	Mechanical Engineering	'Design and Fabrication of EMG driven Exoskeleton for the post stroke rehabilitation using Pattern Recognition Techniques'
749	NGIRI-2023-17183	National University of Science and Technology (NUST)	(CAE) College of Aeronau	Avionics Engineering	'Development Of AI Driven Adaptive RSS Algorithm for NB ELINT Receivers'
750	NGIRI-2023-17327	National University of Science and Technology (NUST)	CEME	Mechanical Engineering	'Analysis and Development of Novel Insulator for High Voltage Transmission Lines'
751	NGIRI-2023-17356	National University of Science and Technology (NUST)	(PNEC) Pakistan Naval Er	Electrical/Electronics Engineering	'Electric Drivetrain'
752	NGIRI-2023-17657	National University of Science and Technology (NUST)	MCS	Computer Science	'Smart Visual Alert System for Deaf'
753	NGIRI-2023-18256	National University of Science and Technology (NUST)	(PNEC) Pakistan Naval Er	Mechanical Engineering	'Novel Dual Layer Parabolic trough collector'
754	NGIRI-2023-18379	National University of Science and Technology (NUST)	Main	Electrical Engineering	'ROBOT FOR AUTOMATED CLEANING OF SOLAR PANELS'
755	NGIRI-2023-18432	National University of Science and Technology (NUST)	(PNEC) Pakistan Naval Er	Electrical Power Engineering	'LANDMINE DETECTION SYSTEM USING SDR BASED GPR'
756	NGIRI-2023-18933	National University of Science and Technology (NUST)	Main	Mechanical Engineering	'Development of mobile robot for warehouse automation'
757	NGIRI-2023-19605	National University of Science and Technology (NUST)	Main	Electrical Engineering	'Posture recognition and Fall detection via mmWave Radar'
758	NGIRI-2023-19666	National University of Science and Technology (NUST)	Main	Electrical Engineering	'Collision Avoidance & Warning System via mm-Wave Radar to Ensure Safe Driving of Commercial Vehicles on Pakistani Motorways'
759	NGIRI-2023-20097	National University of Science and Technology (NUST)	MCS	Electrical/Electronics Engineering	'advance food grading system'
760	NGIRI-2023-20213	National University of Science and Technology (NUST)	(CAE) College of Aeronau	Aerospace Engineering	'Design and Characterization of Fiber metal Laminates for aerospace applications'
761	NGIRI-2023-20293	National University of Science and Technology (NUST)	(CAE) College of Aeronau	Aerospace Engineering	'Structural Analysis of Sandwich Structure in Aerospace Applications'
762	NGIRI-2023-20537	National University of Science and Technology (NUST)	Main	Mechanical Engineering	'Limb strength augmentation using artificial muscles for industrial applications'
763	NGIRI-2023-21299	National University of Science and Technology (NUST)	Main	Computing and Technology	'Crop Yield Estimation By Aerial Imagery'
764	NGIRI-2023-22021	National University of Science and Technology (NUST)	Main	Electrical/Electronics Engineering	'In-Cabin Child Protection via Machine Learning (ML) based Radar Technology'
765	NGIRI-2023-22303	National University of Science and Technology (NUST)	CEME	Mechatronics Engineering	'Design and fabrication of Vertical axis wind turbine '
766	NGIRI-2023-22340	National University of Science and Technology (NUST)	(CAE) College of Aeronau	Aerospace Engineering	'Temperature distribution of RD night three HPT blade to analyze failure and mitigation strategies '
767	NGIRI-2023-22493	National University of Science and Technology (NUST)	(CAE) College of Aeronau	Aerospace Engineering	'Stability analysis of a High Speed Target Drone using low fidelity tools'
768	NGIRI-2023-22523	National University of Science and Technology (NUST)	(PNEC) Pakistan Naval Er	Electrical Engineering	'Design of Solar Concentrator for Household Applications'
769	NGIRI-2023-23023	National University of Science and Technology (NUST)	Quetta	Computer Science	'AI-aided enhanced low-cost dense seismic monitoring'
770	NGIRI-2023-23193	National University of Science and Technology (NUST)	Main	Mechanical Engineering	'Internal Pipe Inspection robot AI ML based'
771	NGIRI-2023-16683	National University of Technology (NUTECH), Islamabad	Islamabad	Mechanical Engineering	'Improving the extracting capability of a sunflower oil and to produce the biodiesel '

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
772	NGIRI-2023-16718	National University of Technology (NUTECH), Islamabad	Islamabad	Computer Science	'Umeed Wearable Robotic Exo Glove'
773	NGIRI-2023-16817	National University of Technology (NUTECH), Islamabad	Islamabad	Computer Engineering	'Bionic Leg for Transfemoral amputees'
774	NGIRI-2023-16910	National University of Technology (NUTECH), Islamabad	Islamabad	Electrical Engineering	'Wall Climbing Robot '
775	NGIRI-2023-16912	National University of Technology (NUTECH), Islamabad	Islamabad	Electrical Engineering	'Three phase Fault Analysis and Health Management of an Induction Motor'
776	NGIRI-2023-16924	National University of Technology (NUTECH), Islamabad	Islamabad	Electrical Engineering	'Gesture Control Robot'
777	NGIRI-2023-18079	National University of Technology (NUTECH), Islamabad	Islamabad	Electrical Engineering	'Prosthetic Hand for transradial amputated person'
778	NGIRI-2023-17115	Nazeer Hussain University	Main	Electrical	'Smart water consumption measuring system'
779	NGIRI-2023-17153	Nazeer Hussain University	Main	Electrical	DESIGN & IMPLEMENTATION OF A THREE PHASE INDUSTRIAL EQUIPMENT SAFETY TRAINER
780	NGIRI-2023-17636	Nazeer Hussain University	Main	Electrical Engineering	'Developing a Prototype of Hybrid Electric Motorcycle by conversion of a conventional motorcycle into a Hybrid Electric Motorcycle (HEM) and Power Mode Switching (PMS)'
781	NGIRI-2023-19655	Nazeer Hussain University	Main	Computer Science	'Community Algorithm Tool for Sports Domain'
782	NGIRI-2023-19859	Nazeer Hussain University	Main	Computer Science	'Community Algorithm Tool For Entrepreneurial Domain (CATeND)'
783	NGIRI-2023-19994	Nazeer Hussain University	Main	Electrical Engineering	Arduino Based Portable Lithium-Ion Cell Health Analyzing Machine
784	NGIRI-2023-21046	Nazeer Hussain University	Main	Electrical Engineering	Trainer for Monitoring and Protection of Various Electrical Motors
785	NGIRI-2023-21103	Nazeer Hussain University	Main	Electrical Engineering	Design IoT based Three Phase Transmission Line Fault Detection & Analysis System Using Arduino
786	NGIRI-2023-16688	NED University of Engineering & Technology	Karachi	Electronics Engineering	'Smart Solar assisted stacked solar still array for sustainable water desalination'
787	NGIRI-2023-16796	NED University of Engineering & Technology	Karachi	Electrical Engineering	'Implementation of a gait control algorithm for a quadruped robot'
788	NGIRI-2023-16872	NED University of Engineering & Technology	Karachi	Electrical	'Design and development of assistive CPAP & BiPAP machine'
789	NGIRI-2023-16896	NED University of Engineering & Technology	Karachi	Software Engineering	'XSecure Ransomware detection and prevention'
790	NGIRI-2023-17857	NED University of Engineering & Technology	Karachi	Electrical Engineering	'SMART SOCIAL INTERACTION ROBOT FOR COMMERCIAL ENTERPRISE'
791	NGIRI-2023-18486	NED University of Engineering & Technology	Karachi	Electronics	'Plug In Hybrid Electric Bike'
792	NGIRI-2023-18490	NED University of Engineering & Technology	Karachi	Computer & Information System Engine	'Transformer based Urdu OCR'
793	NGIRI-2023-18494	NED University of Engineering & Technology	Karachi	Computer & Information System Engine	'Adaptive Traffic Signal using Computer Vision for Intelligent Transportation System'
794	NGIRI-2023-18542	NED University of Engineering & Technology	Karachi	Mechanical Engineering	'Fabrication Of IOT Based Inspection System'
795	NGIRI-2023-18596	NED University of Engineering & Technology	Karachi	Software Engineering	'NEDExpress'
796	NGIRI-2023-18658	NED University of Engineering & Technology	Karachi	Electronics	'LANE DEPARTURE MONITORING SYSTEM WITH ITS HARDWARE SUPPORTED IMPLEMENTATION'
797	NGIRI-2023-18662	NED University of Engineering & Technology	Karachi	Computer & Information System Engine	'Design of Structural Health Monitoring System (SHM) on FPGA'
798	NGIRI-2023-18685	NED University of Engineering & Technology	Karachi	Telecom Engineering	'Smart Vehicle in Fog Environment: Accident Detection, Accident Avoidant and Notification System'
799	NGIRI-2023-18828	NED University of Engineering & Technology	Karachi	Telecom Engineering	'IoT Enabled Smart Vertical Farming Monitoring System'
800	NGIRI-2023-18852	NED University of Engineering & Technology	Karachi	Electronics Engineering	'Heads up display (HUD) helmet for navigation'
801	NGIRI-2023-18869	NED University of Engineering & Technology	Karachi	Electrical Engineering	'Plant leaf disease detection using Transfer Learning-based Deep Ensemble Neural Network'
802	NGIRI-2023-18908	NED University of Engineering & Technology	Karachi	Telecom Engineering	'Implementation of Smart Farming Using Digital Twin Technology'
803	NGIRI-2023-19000	NED University of Engineering & Technology	Karachi	Electronics	'Smart UVC Disinfection Tunnel for Food and Pharmaceutical Industries'
804	NGIRI-2023-20333	NED University of Engineering & Technology	Karachi	Biomedical Engineering	'Assessing Cue Induced Cravings in Cannabis Use Disorder '
805	NGIRI-2023-20499	NED University of Engineering & Technology	Karachi	Biomedical Engineering	'Modifying Binaural Beats stimulation for Improving the Working memory of Alzheimer\'s patients'
806	NGIRI-2023-20507	NED University of Engineering & Technology	Karachi	Electrical Engineering	'Modified ABC algorithm to optimally place UPFC controller for transmission efficiency enhancement'
807	NGIRI-2023-20805	NED University of Engineering & Technology	Karachi	Mechanical Engineering	'Development of IOT based small scale solar desalination system'
808	NGIRI-2023-20868	NED University of Engineering & Technology	Karachi	Mechanical Engineering	'Removal of Particulate Matter (PM) with Biomass Based Air Filter'
809	NGIRI-2023-21360	NED University of Engineering & Technology	Karachi	Mechanical Engineering	'Development of odorless clothing '
810	NGIRI-2023-21416	NED University of Engineering & Technology	Karachi	Electronics Engineering	'Development of Outdoor Mobile Mapping and Visualization System'
811	NGIRI-2023-21423	NED University of Engineering & Technology	Karachi	Computer & Information System Engine	'Resolution Enhancement of Low Quality Images'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
812	NGIRI-2023-21475	NED University of Engineering & Technology	Karachi	Telecom Engineering	'International Telco Roaming Fraud Prevention Using Blockchain'
813	NGIRI-2023-21635	NED University of Engineering & Technology	Karachi	Electronics Engineering	'Development Of A Trolley Based Geo Spatial Indoor Mapping System'
814	NGIRI-2023-21822	NED University of Engineering & Technology	Karachi	Electrical/Electronics Engineering	'Automatic Detection of Glaucoma via fundus and OCT imaging in the era of AI and ML'
815	NGIRI-2023-21994	NED University of Engineering & Technology	Karachi	Electronics	'WiFi Enabled CNC Laser Engraving Machine'
816	NGIRI-2023-23206	NED University of Engineering & Technology	Karachi	Biomedical Engineering	'Designing a Wearable and Adjustable Posture Correcting Device'
817	NGIRI-2023-17341	NFC Institute of Engineering and Technology (NFC-UET)	Multan	Electrical Engineering	'Wireless Charging of Electrical Vehicles by Magnetic Resonance Method'
818	NGIRI-2023-18179	NFC Institute of Engineering and Technology (NFC-UET)	Multan	Electrical Engineering	'Intelligent monitoring and controlling of greenhouse using wireless sensor networks '
819	NGIRI-2023-18382	NFC Institute of Engineering and Technology (NFC-UET)	Multan	Electrical/Electronics Engineering	'Design of Air Quality sensing node using LoRa WAN and Machine Learning'
820	NGIRI-2023-18836	NFC Institute of Engineering and Technology (NFC-UET)	Multan	Computer Science	'An immersive storybased game designed for enhancing learning experience and amusement of kids'
821	NGIRI-2023-18837	NFC Institute of Engineering and Technology (NFC-UET)	Multan	Computer Science	'An AI Death-defying adventure racing rampage game'
822	NGIRI-2023-18839	NFC Institute of Engineering and Technology (NFC-UET)	Multan	Computer Science	'Blockchain-based smart contracts for crowdfunding: A revolutionary solution'
823	NGIRI-2023-19096	NFC Institute of Engineering and Technology (NFC-UET)	Multan	Computer Science	'Smart Automobile Tracking System'
824	NGIRI-2023-22319	NFC Institute of Engineering and Technology (NFC-UET)	Multan	Electrical Engineering	'Monitoring of oil well located at remote location through a smartphone'
825	NGIRI-2023-22329	NFC Institute of Engineering and Technology (NFC-UET)	Multan	Electrical Engineering	'Artificial Intelligence-Based Intrusion Detection Mechanism for Micro-grid Buildings'
826	NGIRI-2023-17941	PAF Karachi Institute of Economics and Technology	Main	Computer & Information System Engine	'Smart Traffic Light Management System'
827	NGIRI-2023-17960	PAF Karachi Institute of Economics and Technology	North Campus	Computer Science	'Smart Den'
828	NGIRI-2023-18000	PAF Karachi Institute of Economics and Technology	North Campus	Computer Science	'IoT Based Smart Baby Stroller'
829	NGIRI-2023-18039	PAF Karachi Institute of Economics and Technology	North Campus	Computer Science	'Smart Glasses'
830	NGIRI-2023-18087	PAF Karachi Institute of Economics and Technology	Main	Computer Science	'Water Solution'
831	NGIRI-2023-18102	PAF Karachi Institute of Economics and Technology	North Campus	Computer Science	'Assistive Communication System for Dumb and Deaf'
832	NGIRI-2023-18268	PAF Karachi Institute of Economics and Technology	Main	Electrical Engineering	'Design and Development of power generation through solar system on ship '
833	NGIRI-2023-18617	PAF Karachi Institute of Economics and Technology	Main	Electrical/Electronics Engineering	'DESIGN AND DEVELOPMENT OF LIFT AND SLIDE AUTOMATIC CAR PARKING SYSTEM USING PLC'
834	NGIRI-2023-18736	PAF Karachi Institute of Economics and Technology	Main	Software Engineering	'FEAS'
835	NGIRI-2023-18742	PAF Karachi Institute of Economics and Technology	Main	Electrical Engineering	'Design and development of Drowsiness Detector'
836	NGIRI-2023-18768	PAF Karachi Institute of Economics and Technology	Main	Software Engineering	'SPOT IT'
837	NGIRI-2023-18784	PAF Karachi Institute of Economics and Technology	Main	Mechatronics Engineering	'Hierarchical Controller for Highly Dynamic Locomotion utilizing Pattern Modulation and Impedance Control'
838	NGIRI-2023-18792	PAF Karachi Institute of Economics and Technology	Main	Software Engineering	'CareerTech'
839	NGIRI-2023-18808	PAF Karachi Institute of Economics and Technology	Main	Avionics Engineering	'Efficient beam steering for wireless power transmission by using Helical antenna '
840	NGIRI-2023-18879	PAF Karachi Institute of Economics and Technology	Main	Electrical/Electronics Engineering	'Design and development of face recognition and attendance system by using PYNQ FPGA '
841	NGIRI-2023-18911	PAF Karachi Institute of Economics and Technology	Main	Avionics Engineering	'Design and Analysis of an Aerial Communication Network using Drone Technology'
842	NGIRI-2023-18954	PAF Karachi Institute of Economics and Technology	Main	Software Engineering	'Pay Tech'
843	NGIRI-2023-19630	PAF Karachi Institute of Economics and Technology	Main	Computer Science	'Smart Irrigation System IOT Based'
844	NGIRI-2023-19675	PAF Karachi Institute of Economics and Technology	Main	Computer Science	'Saaf City'
845	NGIRI-2023-19965	PAF Karachi Institute of Economics and Technology	Main	Computer & Information System Engine	'The pet\'s corner '
846	NGIRI-2023-20131	PAF Karachi Institute of Economics and Technology	Main	Mechatronics Engineering	'UGV Stair Climber Buddy Lift Robot'
847	NGIRI-2023-20170	PAF Karachi Institute of Economics and Technology	Main	Electrical/Electronics Engineering	'Design and Development of a Smart Water Monitoring System with Automated Bottle Filling and Sensor Integration'
848	NGIRI-2023-20183	PAF Karachi Institute of Economics and Technology	Main	Mechatronics Engineering	'OPTIMIZED CONTROL SYSTEM FOR DYNAMIC BIPEDAL LOCOMOTION AND PHYSICAL HUMAN-ROBOT INTERACTION IN A HUMANOID ROBOT'
849	NGIRI-2023-20285	PAF Karachi Institute of Economics and Technology	Main	Avionics Engineering	'Low Cost Bird Repellent System'
850	NGIRI-2023-20500	PAF Karachi Institute of Economics and Technology	Main	Avionics Engineering	'Deep Learning Algorithm for Aircraft Strcutural Analysis'
851	NGIRI-2023-20571	PAF Karachi Institute of Economics and Technology	Main	Computer Science	'Smart Face emotion detection Music player '

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
852	NGIRI-2023-20870	PAF Karachi Institute of Economics and Technology	Main	Mechatronics Engineering	Designing and development of an explosive ordinance EOD robot for rough terrains.
853	NGIRI-2023-20987	PAF Karachi Institute of Economics and Technology	Main	Electrical Engineering	'TireWISE: The Intelligent and Eco-friendly Smart Tire System'
854	NGIRI-2023-16915	Pakistan Institute of Engineering and Applied Sciences (PIEAS)	Islamabad	Electrical/Electronics Engineering	'Design and Development of a Switch-Mode Power Supply for Flux Core Arc Welder'
855	NGIRI-2023-17055	Pakistan Institute of Engineering and Applied Sciences (PIEAS)	Islamabad	Electrical Engineering	'Neuro Rehabilitation By Brain Imaging'
856	NGIRI-2023-17569	Pakistan Institute of Engineering and Applied Sciences (PIEAS)	Islamabad	Electrical/Electronics Engineering	'Iris Recognition System Using FPGA for Hardware Accelerators'
857	NGIRI-2023-21250	Punjab University	PUCIT, New Campus	Software Engineering	'An Optimal Selection of Gait Features for Human Recognition'
858	NGIRI-2023-16898	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Computer System Engineering	'Gesture-based Quadcopter Control - An Implementation of Media Pipe on DJI Tello Drone'
859	NGIRI-2023-16997	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Electrical Engineering	'Prototype Development of an Automatic and Floating Structured Hydro Power Plant'
860	NGIRI-2023-17076	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Electronics Engineering	'Optical Biosensor for Covid Disease'
861	NGIRI-2023-17079	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Electronics	'Prototype design of automatic and flexible Solar panel cleaning robot '
862	NGIRI-2023-17081	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Electronics Engineering	'IOT Based Heartbeat Monitoring System Using ECG Sensor'
863	NGIRI-2023-17088	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Electronics Engineering	'Android controlled solar based grass cutter '
864	NGIRI-2023-17089	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Electronics Engineering	'Automatic recycling waste sorting plant'
865	NGIRI-2023-17249	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Electrical Engineering	'Synchronous Reluctance Motor design for Electric Vehicle'
866	NGIRI-2023-17377	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Computer Science	'Meta Estate'
867	NGIRI-2023-17387	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Computer System Engineering	'Autonomous Car using Raspberry pi and Machine learning'
868	NGIRI-2023-17826	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Electrical Engineering	'Design and Implementation of Arduino Based Solar Tracking System '
869	NGIRI-2023-17920	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Information Technology	'DIGITALLY GUARDED DOORWAYS'
870	NGIRI-2023-17973	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Information Technology	'Drone based solid waste detection system using deep learning '
871	NGIRI-2023-17985	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Telecom Engineering	'IoT based Door Lock System '
872	NGIRI-2023-18003	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Electrical Engineering	'To Optimize Energy Efficiency by using Automatic Cleaning of Solar System'
873	NGIRI-2023-18126	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Electrical Engineering	'Energy generation by using waste materials'
874	NGIRI-2023-18504	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Electronics Engineering	'Real Time Human Detection and Counting'
875	NGIRI-2023-19102	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Electronics Engineering	'Design and Development of Smart Aquaponics System '
876	NGIRI-2023-20207	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Electronics Engineering	'Design and development of pipeline inspection robot.'
877	NGIRI-2023-21117	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Mechanical Engineering	'Design & Development of Low Cost SCARA Robot for Precise Conveying and Stacking'
878	NGIRI-2023-21654	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Mechanical Engineering	'Development and Analysis of Rice Paddy Transplanter'
879	NGIRI-2023-21922	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Mechanical Engineering	'Fabrication and performance evaluation of a solar dryer for agriculture products '
880	NGIRI-2023-22570	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Electronics Engineering	'Mental states detection using brain waves'
881	NGIRI-2023-22871	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Larkano	Electrical	'Vertical Traffic Wind Turbine'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
882	NGIRI-2023-22143	Quaid-e-Azam University	Main	Computer Science	'IoT base livestock health care monitoring service \\' *Cattle management service**'
883	NGIRI-2023-20864	Qurtaba University of Science & Information Technology	Peshawar	Computer Science	'Synthetic Speech Detection in Videos'
884	NGIRI-2023-21359	Qurtaba University of Science & Information Technology	Peshawar	Computer Science	'Hate Speech Detection and removal'
885	NGIRI-2023-21660	Qurtaba University of Science & Information Technology	Peshawar	Computer Science	'Realistic Image Generation from Forensic Sketches using Machine Learning'
886	NGIRI-2023-16797	Riphah International University	Islamabad	Software Engineering	'Skill Groove Dynamic Interprofessional Collaboration System '
887	NGIRI-2023-16948	Riphah International University	Islamabad	Software Engineering	'DermaVision'
888	NGIRI-2023-17475	Riphah International University	Faisalabad	Department of Electrical Technology	'IoT based Air monitoring system for asthma patient '
889	NGIRI-2023-18051	Riphah International University	Islamabad	Electrical Engineering	'Automatic Fire Detection and Fire Fighting Drone Using Deep Learning'
890	NGIRI-2023-18074	Riphah International University	Islamabad	Computer Engineering	'Bano Kamyab '
891	NGIRI-2023-18325	Riphah International University	Faisalabad	Electrical Engineering	'Mind control Robot wheelchair for Handicap people'
892	NGIRI-2023-18371	Riphah International University	Lahore	Electrical Engineering	'Multi-purpose cleaning robot'
893	NGIRI-2023-18558	Riphah International University	Lahore	Electrical Engineering	'Design and experimental analysis of Solar powered smart EV batteryÂ charger'
894	NGIRI-2023-18642	Riphah International University	Lahore	Electrical Engineering	'Rehabilitation Robots for Physiotherapy '
895	NGIRI-2023-18654	Riphah International University	Gulberg Green	Software Engineering	'Lactgo'
896	NGIRI-2023-18704	Riphah International University	Faisalabad	Electrical Engineering	'Smart Navigation stick for blind people'
897	NGIRI-2023-18741	Riphah International University	Gulberg Green	Software Engineering	'Gather and Scatter'
898	NGIRI-2023-18791	Riphah International University	Lahore	Electrical Engineering	'ServoBot '
899	NGIRI-2023-18899	Riphah International University	Faisalabad	Electrical Engineering	'A Smart Sensors-Based hybrid energy System to Monitor and Control Tube Well for Agriculture Applications '
900	NGIRI-2023-18986	Riphah International University	Gulberg Green	Software Engineering	'The Grow Zone'
901	NGIRI-2023-19171	Riphah International University	Gulberg Green	Software Engineering	'SpeatAll'
902	NGIRI-2023-19379	Riphah International University	Islamabad	Biomedical Engineering	'Automated Detection of ABO Rh Blood Typing'
903	NGIRI-2023-20056	Riphah International University	Lahore	Computer Science	'VitaAlert+'
904	NGIRI-2023-20153	Riphah International University	Faisalabad	Electrical Engineering	'Modern irrigation system system for smart city using IOT '
905	NGIRI-2023-20584	Riphah International University	Islamabad	Biomedical Engineering	'Design and development of mental stress measuring device'
906	NGIRI-2023-20885	Riphah International University	Islamabad	Biomedical Engineering	'Development of an AI Algorithm and Sensor optimization to convert Urdu sign language Gestures to speech'
907	NGIRI-2023-21060	Riphah International University	Islamabad	Electrical Engineering	'Design and Development of AI Based System for early diagnose of cardiopulmonary diseases '
908	NGIRI-2023-21239	Riphah International University	Faisalabad	Computer Science	'Future of Healthâ€Secure & Access Patient Data Using Blockchain Technology'
909	NGIRI-2023-21304	Riphah International University	Islamabad	Electrical Engineering	'Power generation from inorganic waste material '
910	NGIRI-2023-21434	Riphah International University	Faisalabad	Electronics Engineering	'IoT based flood monitoring'
911	NGIRI-2023-21914	Riphah International University	Islamabad	Biomedical Engineering	'Design and Development of Embedded System for Wearable sensors to convert Urdu sign Language gestures to Speech'
912	NGIRI-2023-22367	Riphah International University	Malakand	Software Engineering	'An effective design app for blood donor and acceptor a needy person'
913	NGIRI-2023-22784	Riphah International University	Gulberg Green	Computer Science	'TauLead'
914	NGIRI-2023-22931	Riphah International University	Faisalabad	Computer Science	'Self propelled water waste material collector using image processing'
915	NGIRI-2023-23166	Riphah International University	Islamabad	Electrical Engineering	'Design and Development of Non Invasive Device for estimation of Blood Glucose Level'
916	NGIRI-2023-16692	Salim Habib University(Barrett Hodgson University)	The Salim Habib	Biomedical Engineering	'Hand E Ssist'
917	NGIRI-2023-16738	Salim Habib University(Barrett Hodgson University)	The Salim Habib	Biomedical Engineering	'Tracing Veins using Near Infra-red Imaging Techniques'
918	NGIRI-2023-18115	Salim Habib University(Barrett Hodgson University)	The Salim Habib	Biomedical Engineering	'Smart Non invasive Blood Group and Hemoglobin Detector '
919	NGIRI-2023-18778	Salim Habib University(Barrett Hodgson University)	The Salim Habib	Biomedical Engineering	'DESIGN AND DEVELOPMENT OF COST EFFECTIVE HUMAN PATIENT SIMULATOR'
920	NGIRI-2023-19676	Salim Habib University(Barrett Hodgson University)	The Salim Habib	Computer Science	'AI Based Cultivation Monitoring System'
921	NGIRI-2023-19677	Salim Habib University(Barrett Hodgson University)	The Salim Habib	Computer Science	'Reinforcement learning applied for Dynamic Game Difficulty Adjustment'
922	NGIRI-2023-19678	Salim Habib University(Barrett Hodgson University)	The Salim Habib	Computer Science	'RideShare a carpooling app '
923	NGIRI-2023-19912	Salim Habib University(Barrett Hodgson University)	The Salim Habib	Computer Science	'Comparative Analysis on Density Peak Clustering Algorithms and Its Enhanced Versions'
924	NGIRI-2023-17259	Sarhad University of Science and IT	Main	Computer Science & IT	'Development of the Smart 3D Bio-Printing for Human Disability'
925	NGIRI-2023-19493	Sarhad University of Science and IT	Main	Electrical Engineering	'Development of an Automated and Centralized Fleet Management and Vehicle Tracking system with Maintenance capabilities for Movable Assets of TMA Peshawar'
926	NGIRI-2023-19616	Sarhad University of Science and IT	Main	Electrical Engineering	'Design an IoT-based Home Automation System with Fault Detection'
927	NGIRI-2023-20069	Sarhad University of Science and IT	Main	Computer Science & IT	'Robotic fire fighting system'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
928	NGIRI-2023-20242	Sarhad University of Science and IT	Main	Electrical Engineering	'Design of electric bike with collision avoidance system'
929	NGIRI-2023-16672	Shah Abdul Latif University, Khairpur	Khairpur	Computer Science	'Sugarcane disease detection using Convolutional Neural Network
930	NGIRI-2023-17118	Shah Abdul Latif University, Khairpur	Khairpur	Computer Science	'Artificial Intelligence based Quiz Game '
931	NGIRI-2023-18439	Shah Abdul Latif University, Khairpur	Khairpur	Electronics	'Auto load shairing of transformers '
932	NGIRI-2023-18525	Shah Abdul Latif University, Khairpur	Khairpur	Electronics	'ARDUINO OBSTACLE AVOIDANCE & LINE FOLLOWER ROBOTIC CAR'
933	NGIRI-2023-18984	Shaheed Benazir Bhutto University, Shaheed Benazirabad	Nowshahro Feroze	Computer Science & IT	'SbbuCloud â€œ Online Storage Platform'
934	NGIRI-2023-20740	Shaheed Benazir Bhutto University, Shaheed Benazirabad	Nawabshah	Information Technology	'Rural ride scheduler'
935	NGIRI-2023-21183	Shaheed Benazir Bhutto University, Shaheed Benazirabad	Nawabshah	Information Technology	'IoT Based Safety Helmet for Mining Workers'
936	NGIRI-2023-21229	Shaheed Benazir Bhutto University, Shaheed Benazirabad	Nawabshah	Information Technology	'IoT based Intelligent Gas Leakage Detection System Using Arduino'
937	NGIRI-2023-21741	Shaheed Benazir Bhutto University, Shaheed Benazirabad	Nawabshah	Information Technology	'Event Managemnet'
938	NGIRI-2023-16996	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Mechatronics Engineering	'Air Water Generator Humido'
939	NGIRI-2023-17366	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Mechatronics Engineering	'Bio-Diverse disposable plate making machine '
940	NGIRI-2023-17989	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Computer Science	'ZABx Blockchain Cryptocurrency and Exchange'
941	NGIRI-2023-18007	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Mechatronics Engineering	'Computer Vision Robotic Arm with 5-DOF'
942	NGIRI-2023-18913	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Larkana	Computer Science	'INTELLICHECKER'
943	NGIRI-2023-18916	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Larkana	Computer Science	'Guava Fruit Classification Using Deep Learning '
944	NGIRI-2023-18919	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Larkana	Computer Science	'An Efficient System for Brain Tumor Segmentation and Overall Survival Prediction'
945	NGIRI-2023-20019	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Mechatronics Engineering	'Water Desalinator and Purifier'
946	NGIRI-2023-20270	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Islamabad	Computer Engineering	'Animal Simulation Game'
947	NGIRI-2023-20290	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Islamabad	Computer Science	'A deep learning based Framework for Glaucoma Detection '
948	NGIRI-2023-20324	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Islamabad	Computer Science	'Skywatch: Human and object spotting in aerial view through hexa-copter'
949	NGIRI-2023-20366	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Islamabad	Computer Science	'automated robotic Crane'
950	NGIRI-2023-20395	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Islamabad	Computer Science	'IoT based Assistive System for Alzheimer Patients'
951	NGIRI-2023-22419	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Computer Science	'Recipedia'
952	NGIRI-2023-22431	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Computer Science	'Artistic Scrapyard'
953	NGIRI-2023-22722	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Science & Technology	'Bio-Fertilizer Synthesis from Human Hair'
954	NGIRI-2023-22812	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Science & Technology	'Use of treated textile effluent by Trametes pubescens MB 89 for cultivation of maize'
955	NGIRI-2023-22854	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Science & Technology	'Utilization of halophytic plant seeds for lipase production by bacillus sp'
956	NGIRI-2023-22886	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Science & Technology	'Investigating the potential of AgNP synthesis from leaf and bark extracts of Senegalia modesta'
957	NGIRI-2023-23105	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Computer Science	'Cart '
958	NGIRI-2023-17560	Sindh Agrculture University	Tando Jam	Information Technology	'Livestock Health Monitoring System Using IoT'
959	NGIRI-2023-18647	Sindh Agrculture University	Tando Jam	Information Technology	'InfoTech Pedia'
960	NGIRI-2023-19276	Sindh Agrculture University	Tando Jam	Information Technology	'AI BASED SMART NOSE'
961	NGIRI-2023-22165	Sindh Agrculture University	Tando Jam	Information Technology	'SMART HOME AUTOMATION MIRROR'
962	NGIRI-2023-17488	Sir Syed Institute of Technology, Islamabad	CASE	Electrical Engineering	'Remote Health monitoring using iot and edge computing '
963	NGIRI-2023-22418	Sir Syed Institute of Technology, Islamabad	CASE	Computer Science	'Safe Route generation using Natural Language Processing with Open Street maps and Open Route Service '
964	NGIRI-2023-16709	Sir Syed University of Engineering and Technology (SSUET)	Main	Electronics Engineeering	'STEREOSCOPIC AID FOR VISUALLY IMPAIRED IMPLEMENTED USING LBPH FACE RECOGNIZER'
965	NGIRI-2023-16737	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science & IT	'AUG BOOK'
966	NGIRI-2023-17292	Sir Syed University of Engineering and Technology (SSUET)	Main	Electrical Engineering	'Effective Design Of Flight Controller'
967	NGIRI-2023-17752	Sir Syed University of Engineering and Technology (SSUET)	Main	Software Engineering	'An Intelligent Virtual Driving System V Drive'
968	NGIRI-2023-17860	Sir Syed University of Engineering and Technology (SSUET)	Main	Biomedical Engineering	'FARMS Smart Robotic Walker '
969	NGIRI-2023-18135	Sir Syed University of Engineering and Technology (SSUET)	Main	Electronics	'Control And Monitoring Of Autonomous Vehicle By Using Image Processing'
970	NGIRI-2023-19043	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Engineering	'Development of marker Based Augmented reality app using booklet for medical students'
971	NGIRI-2023-19110	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science	'Remote-controlled Rescue hovercraft '

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
972	NGIRI-2023-19111	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Engineering	'Reverse Vending Machine '
973	NGIRI-2023-19149	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science	'Deep Dentistry'
974	NGIRI-2023-19159	Sir Syed University of Engineering and Technology (SSUET)	Main	Biomedical Engineering	'Mechanism of thalamic deep brain simulation for patient with movement disorder'
975	NGIRI-2023-19161	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science & IT	'Next-Generation Board Meeting Analyzer: Leveraging NLP and Video Processing for Enhanced Meeting Insights'
976	NGIRI-2023-19169	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science	'Cutting Edges'
977	NGIRI-2023-19186	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Engineering	'Cosmos Odyssey'
978	NGIRI-2023-19247	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science	'Hafiz Assistive device HAD'
979	NGIRI-2023-19255	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science & IT	'Crowdsourced Geofencing Alert Application'
980	NGIRI-2023-19623	Sir Syed University of Engineering and Technology (SSUET)	Main	Electrical Engineering	'Eddy Current Braking System'
981	NGIRI-2023-20024	Sir Syed University of Engineering and Technology (SSUET)	Main	Biomedical Engineering	'IOT BASED HEALTH TRACKING SYSTEM FOR IMMOBOLIZED PATIENTS'
982	NGIRI-2023-20146	Sir Syed University of Engineering and Technology (SSUET)	Main	Software Engineering	'Blind Can See'
983	NGIRI-2023-20157	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science & IT	'DRUGGED'
984	NGIRI-2023-20438	Sir Syed University of Engineering and Technology (SSUET)	Main	Electrical Engineering	'Sign Language Detection System For Deaf and Dumb People'
985	NGIRI-2023-20491	Sir Syed University of Engineering and Technology (SSUET)	Main	Software Engineering	'AI Sketch Vision'
986	NGIRI-2023-20542	Sir Syed University of Engineering and Technology (SSUET)	Main	Electronics Engineering	'Smart Shopping Cart'
987	NGIRI-2023-20594	Sir Syed University of Engineering and Technology (SSUET)	Main	Electronics Engineering	'VANET Communication'
988	NGIRI-2023-20617	Sir Syed University of Engineering and Technology (SSUET)	Main	Electronics Engineering	'Iot Based Solar Powered Sea Water Distillation Plant'
989	NGIRI-2023-20773	Sir Syed University of Engineering and Technology (SSUET)	Main	Electrical Engineering	'RISC-V Implementation on FPGA'
990	NGIRI-2023-20836	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Engineering	'Emg Prosthetic hand'
991	NGIRI-2023-21068	Sir Syed University of Engineering and Technology (SSUET)	Main	Information Technology	'SMART HYDROPONICS'
992	NGIRI-2023-21278	Sir Syed University of Engineering and Technology (SSUET)	Main	Engineering and Sciences	'Association between Thyroid Disorder and Mental Health in Diabetic Patients'
993	NGIRI-2023-21393	Sir Syed University of Engineering and Technology (SSUET)	Main	Electronics	'Breakfast Object Detection in IoT Based Smart Fridge using CNN'
994	NGIRI-2023-21795	Sir Syed University of Engineering and Technology (SSUET)	Main	Software Engineering	'AI Based Data Entry Automation'
995	NGIRI-2023-22043	Sir Syed University of Engineering and Technology (SSUET)	Main	Biomedical Engineering	'Automobile black box for post accident analysis'
996	NGIRI-2023-22231	Sir Syed University of Engineering and Technology (SSUET)	Main	Telecom Engineering	'Emergency Medical Services (EMS) Dispatch and Navigation System'
997	NGIRI-2023-16661	Sukkur IBA University	Main	Electrical/Electronics Engineering	'An Artificial Intelligence Based Sar Sabz Pakistan'
998	NGIRI-2023-16900	Sukkur IBA University	Main	Computer Science	'Healthcare Freelance Pakistan'
999	NGIRI-2023-17041	Sukkur IBA University	Main	Electrical Engineering	'Fabrication of Soft and Comfortable Pressure-sensing Shoe Sole for Intuitive Monitoring of Human Quality Gait'
1000	NGIRI-2023-17280	Sukkur IBA University	Main	Computer Science	'Automated Interviews'
1001	NGIRI-2023-17972	Sukkur IBA University	Main	Electronics	'AI and IOT Based smat Medication Box'
1002	NGIRI-2023-18137	Sukkur IBA University	Main	Electrical Engineering	'Investigation and Improvement of Power Quality issues in AC Micro grid System'
1003	NGIRI-2023-18677	Sukkur IBA University	Main	Computer Science	'Digital Assets' provenance using Blockchain
1004	NGIRI-2023-19082	Sukkur IBA University	Kandkot	Computer Science	'HouseMate'
1005	NGIRI-2023-19491	Sukkur IBA University	Main	Computer Science	'Design of Human Brain in 3D'
1006	NGIRI-2023-20676	Sukkur IBA University	Main	Electrical Power Engineering	'Cost effective Electric Bicycle for Pakistan'
1007	NGIRI-2023-20941	Sukkur IBA University	Main	Electrical Power Engineering	'Solar water desalination plant'
1008	NGIRI-2023-21323	Sukkur IBA University	Main	Electrical/Electronics Engineering	'U Bot'
1009	NGIRI-2023-19574	Thar Institute of Engineering, Sciences & Technology (TIEST), A Constituent College of NED UET Karachi)	Mithi, Tharparkar	Computer Science & IT	'An Enhanced Experimental Approach on Custom Object Detection using Deep Learning'
1010	NGIRI-2023-19957	Thar Institute of Engineering, Sciences & Technology (TIEST), A Constituent College of NED UET Karachi)	Mithi, Tharparkar	Computer Science & IT	'Design & Implementation Mobile Application for Archeological Sites'
1011	NGIRI-2023-21469	Thar Institute of Engineering, Sciences & Technology (TIEST), A Constituent College of NED UET Karachi)	Mithi, Tharparkar	Computer Science & IT	'To detect suspicious animals at low-level light to avoid road accidents by using machine learning'
1012	NGIRI-2023-17293	The Islamia University of Bahawalpur	Baghdad	Electrical Engineering	'Development of Microcontroller Based Multiple Sources Uninterrupted Power Supply using IoT'
1013	NGIRI-2023-17554	The Islamia University of Bahawalpur	Baghdad	Electronics Engineering	'Multi-level Three Phase MPPT based Voltage Source PV Inverter '
1014	NGIRI-2023-18422	The Islamia University of Bahawalpur	Baghdad	Computer System Engineering	'The smart city management system'
1015	NGIRI-2023-20744	The Islamia University of Bahawalpur	Baghdad	Electronics Engineering	'Development of Motor controller for three and four wheel Electric vehicles'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
1016	NGIRI-2023-21058	The Islamia University of Bahawalpur	Baghdad	Computing and Technology	'Student Uniform Detection using Deep Learning'
1017	NGIRI-2023-21147	The Islamia University of Bahawalpur	Baghdad	Computer System Engineering	'CNN Based Real-Time Object Detection and Tracking using Drone'
1018	NGIRI-2023-21194	The Islamia University of Bahawalpur	Baghdad	Computer System Engineering	'Writing and drawing Robot'
1019	NGIRI-2023-21220	The Islamia University of Bahawalpur	Baghdad	Management and Information Sciences	'SPREADING AWARENESS AMONG PEOPLE THROUGH CREATIVE WALLPAPERS AND SCREENSAVERS - SAY NO TO ONLINE SEXUAL HARASSMENT'
1020	NGIRI-2023-21283	The Islamia University of Bahawalpur	Baghdad	Computer System Engineering	'Opinion mining using a lexicon based approach'
1021	NGIRI-2023-21440	The Islamia University of Bahawalpur	Baghdad	Electrical Power Engineering	'Development of Smart Battery Health Estimation & Monitoring System Using Machine Learning Algorithm'
1022	NGIRI-2023-21969	The Islamia University of Bahawalpur	Baghdad	Management and Information Sciences	'Using wallpapers and screensavers to educate people not to be harassers'
1023	NGIRI-2023-21988	The Islamia University of Bahawalpur	Baghdad	Electrical Power Engineering	'IOT Base Smart load controlling Inverter using Solar Irradiance'
1024	NGIRI-2023-19279	The Shaikh Ayaz University, Shikarpur Sindh	Main	Computer Science	'Tomato Disease Detection'
1025	NGIRI-2023-19351	The Shaikh Ayaz University, Shikarpur Sindh	Main	Computer Science	'Brain tumor detection using MRI Images '
1026	NGIRI-2023-19874	The Shaikh Ayaz University, Shikarpur Sindh	Main	Computer Science	'SAUS Confessions'
1027	NGIRI-2023-16993	The Superior College	University	Electrical Engineering	'Design and development of a smart solar parking lot'
1028	NGIRI-2023-17566	The Superior College	University	Computer Science & IT	'Pneumonia Detector '
1029	NGIRI-2023-17581	The Superior College	University	Computer Science & IT	'MyMentore Find your mentore for just one click'
1030	NGIRI-2023-17655	The Superior College	University	Computer Science	'Breast Cancer Detection Using Machine Learning'
1031	NGIRI-2023-17705	The Superior College	University	Information Technology	'Personal Voice Assistant'
1032	NGIRI-2023-17708	The Superior College	University	Software Engineering	'Helping Hands (A crowdfunding platform using blockchain)'
1033	NGIRI-2023-18059	The Superior College	University	Electrical Engineering	'Energy Management System Using Supervisory Control and Data Acquisition (SCADA) & Human Machine Interface (HMI)'
1034	NGIRI-2023-18084	The Superior College	University	Electrical Engineering	'Design and Development of a Smart City '
1035	NGIRI-2023-18182	The Superior College	University	Electrical	'Design and development of smart patient health monitoring system for COVID 19 diagnosis '
1036	NGIRI-2023-18224	The Superior College	University	Electrical Engineering	'Forecasting of battery lifespan and monitoring system using Artificial Intelligence (AI).'
1037	NGIRI-2023-18680	The Superior College	Gold Campus	Computer Science	'Design and Implementation of EEG base brain Controlled Wheelchair'
1038	NGIRI-2023-18834	The Superior College	University	Avionics/Aeronautical Engineering	'Demand Side Management in Smart Homes with Renewable Energy and Integrated Sensors.'
1039	NGIRI-2023-19003	The Superior College	University	Avionics/Aeronautical Engineering	' Design and development of low cost horizontal reciprocating sand sieving machine.'
1040	NGIRI-2023-19106	The Superior College	University	Avionics/Aeronautical Engineering	'Design and Development of an Autonomous Drone with AI Systems'
1041	NGIRI-2023-19455	The Superior College	Gold Campus	Software Engineering	'IOT Based Radion For Your Safety'
1042	NGIRI-2023-19465	The Superior College	Gold Campus	Computer Science	'breast cancer deduction using deep learning '
1043	NGIRI-2023-19522	The Superior College	Gold Campus	Software Engineering	'IOT based health monetering system'
1044	NGIRI-2023-20533	The Superior College	Gold Campus	Computer System	'Digital Window'
1045	NGIRI-2023-20565	The Superior College	Gold Campus	Computer Science	'Developing a Deep Learning-based Tool for Early Detection of Leptospirosis Infection'
1046	NGIRI-2023-20738	The Superior College	University	Computer Science	'PSL SignBot'
1047	NGIRI-2023-21392	The Superior College	Gold Campus	Computer Science & IT	'Language Learning Platform With Immersive Experience'
1048	NGIRI-2023-21457	The Superior College	Gold Campus	Information Technology	'A Web Application for Remote Health Monitoring'
1049	NGIRI-2023-21537	The Superior College	Gold Campus	Computer System	'Standup Autos'
1050	NGIRI-2023-21612	The Superior College	Gold Campus	Software Engineering	'AI-powered environmental monitoring drone system'
1051	NGIRI-2023-21777	The Superior College	Gold Campus	Computer & Information System Engine	'DineAR Foods'
1052	NGIRI-2023-21920	The Superior College	Gold Campus	Computer Science	'Grey Water System'
1053	NGIRI-2023-22996	The Superior College	Gold Campus	Software Engineering	'Voice of Deaf and Dumb'
1054	NGIRI-2023-23030	The Superior College	Gold Campus	Information Technology	'Ambulance Tracking'
1055	NGIRI-2023-18016	The University of Faisalabad	Engineering Wing	Electrical Engineering	'Walking Assist Exoskeleton'
1056	NGIRI-2023-18018	The University of Faisalabad	Engineering Wing	Electrical Engineering	'Smart Glasses with Audio Aid for Blind and Visually Impaired People'
1057	NGIRI-2023-18043	The University of Faisalabad	Engineering Wing	Electronics Engineering	'3D Rendering using FPGAs'
1058	NGIRI-2023-18078	The University of Faisalabad	Engineering Wing	Electrical Engineering	'Prosthetic Hand using Electromyography (EMG sensor) and voice control '
1059	NGIRI-2023-19308	The University of Faisalabad	Engineering Wing	Electrical Engineering	'Battery Health Monitoring and Management System for Electrical Vehicle by using Arduino '
1060	NGIRI-2023-20165	The University of Faisalabad	Engineering Wing	Computer Science	'E Shopping virtual dressing room'
1061	NGIRI-2023-20226	The University of Faisalabad	Engineering Wing	Software Engineering	'Artificial Intelligence Based Writing Assistant '
1062	NGIRI-2023-20231	The University of Faisalabad	Engineering Wing	Computer Science	'Scrap Solution Application'
1063	NGIRI-2023-20580	The University of Faisalabad	Engineering Wing	Computer Science	'Sign Language Interpreter '
1064	NGIRI-2023-20895	The University of Faisalabad	Engineering Wing	Computer Science	'Authenticity Chain'
1065	NGIRI-2023-17808	The University of Haripur	Main	Software Engineering	'Toddler-kin Robot'
1066	NGIRI-2023-18030	The University of Haripur	Main	Information Technology	'Dealing with Child Syndrome using Deepfake'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
1067	NGIRI-2023-18366	The University of Haripur	Main	Information Technology	'Artificial Intelligence Based Residential Security System'
1068	NGIRI-2023-18878	The University of Haripur	Main	Information Technology	'Controlling games through hand gestures'
1069	NGIRI-2023-18888	The University of Haripur	Main	Information Technology	'Game Cortex Gaming Hub'
1070	NGIRI-2023-19796	The University of Haripur	Main	Software Engineering	'RIFD Automated Door Locking system'
1071	NGIRI-2023-22238	The University of Haripur	Main	Software Engineering	'Autonomous indoor navigation robot'
1072	NGIRI-2023-22830	The University of Haripur	Main	Software Engineering	'Home Automation System Using Arduino Uno'
1073	NGIRI-2023-22850	The University of Haripur	Main	Computing and Technology	'Augmented Reality app automate three D planning in real time'
1074	NGIRI-2023-22975	The University of Haripur	Main	Computer Science	'IOT Based Smart Room For Disabled People '
1075	NGIRI-2023-17151	The University of Lahore	Main	Electrical Engineering	'Renewable Energy Based Cow Dung Log Making Machine '
1076	NGIRI-2023-17479	The University of Lahore	Main	Software Engineering	'whisper A fake news detector'
1077	NGIRI-2023-17527	The University of Lahore	Main	Software Engineering	'Campus Surveillance System '
1078	NGIRI-2023-17548	The University of Lahore	Main	Software Engineering	'Opinion mining based Ecommerce system'
1079	NGIRI-2023-18068	The University of Lahore	Main	Electrical Engineering	'Self Powered Bike '
1080	NGIRI-2023-18420	The University of Lahore	Main	Computer Science & IT	'Drone Navigation in Disaster Area'
1081	NGIRI-2023-18604	The University of Lahore	Main	Mechanical Engineering	'Autonomous Electric Trolley for Streamlined Industrial Equipment Transportation'
1082	NGIRI-2023-20023	The University of Lahore	Islamabad	Computer Science & IT	'Action Shooter Survival Suspensive Story based game using Artificial Intelligence'
1083	NGIRI-2023-20062	The University of Lahore	Islamabad	Mechanical Engineering	'Design and fabrication of a multipurpose pallettizer'
1084	NGIRI-2023-20076	The University of Lahore	Islamabad	Mechanical Engineering	'Design and fabrication of Forced Convection solar dehydrator'
1085	NGIRI-2023-20156	The University of Lahore	Islamabad	Mechanical Engineering	'Energy efficient solar powered water purifier with solar tracking system'
1086	NGIRI-2023-20174	The University of Lahore	Islamabad	Computer Science & IT	'IntelliDrive'
1087	NGIRI-2023-20221	The University of Lahore	Islamabad	Mechanical Engineering	'design and development of an solar powered automatic wheelchair for mobility assistance'
1088	NGIRI-2023-20493	The University of Lahore	Main	Electrical Engineering	'Speed control of three phase BLDC motor using IoT'
1089	NGIRI-2023-22643	The University of Lahore	Main	Electrical Power Engineering	'IOT BASED AQUACULTURE MONITORING SYSTEM IN AUTOMATED FISH FARM'
1090	NGIRI-2023-22667	The University of Lahore	Main	Electrical Engineering	'Life Cycle Assessment of 132KV Grid station Valencia Housing Scheme '
1091	NGIRI-2023-21586	The Women University	Katchehry Campus	Computer Science & IT	'Battalion Care '
1092	NGIRI-2023-16744	University of Agriculture	Main	Engineering and Sciences	'Design and Development of Solar Powered Wireless Solar Panel Cleaning Robot'
1093	NGIRI-2023-18646	University of Agriculture	Main	Engineering and Sciences	'Development of Floating Trash Collecting Machine'
1094	NGIRI-2023-18801	University of Agriculture	Main	Engineering and Sciences	'Sensor Based Flood Irrigation Alarming System for Precision Agriculture'
1095	NGIRI-2023-19290	University of Agriculture	Main	Computer Science	'Sprayer Callibration Calculator '
1096	NGIRI-2023-21106	University of Agriculture	Main	Computer Science	'Stress Classification System using EEGÀ signals'
1097	NGIRI-2023-21306	University of Agriculture	Main	Computer Science	'HelpAcre'
1098	NGIRI-2023-21928	University of Agriculture	Main	Engineering and Sciences	'DESIGN AND TESTING OF A SMALL-SCALE BATTERY POWERED WALK BEHIND GARLIC PLANTR'
1099	NGIRI-2023-22559	University of Agriculture	Burewala	Computer Science	'Non Invasive Glucometer using NIR'
1100	NGIRI-2023-22963	University of Agriculture	Burewala	Computer Science	'Guardian Glow Bracelet'
1101	NGIRI-2023-16934	University of Azad Jammu & Kashmir	Main	Electrical Engineering	'Solar panel cleaning reports '
1102	NGIRI-2023-21288	University of Azad Jammu & Kashmir	Main	Computer Science & IT	'DASTYAR '
1103	NGIRI-2023-20506	University of Balochistan	Main	Information Technology	'Drowsiness detection system '
1104	NGIRI-2023-20748	University of Balochistan	Main	Computer Science & IT	'Smart Irrigation System'
1105	NGIRI-2023-16929	University of Central Punjab	Main	Electrical Engineering	'Three Dimensional Scanner'
1106	NGIRI-2023-18199	University of Central Punjab	Main	Mechanical Engineering	'DESIGN, FABRICATION AND TESTING OF A MEMBRANE-BASED ENERGY RECOVERY VENTILATOR'
1107	NGIRI-2023-19885	University of Central Punjab	Main	Software Engineering	'E Real Estate and Investors Window'
1108	NGIRI-2023-20596	University of Central Punjab	Main	Mechanical Engineering	'Design and Fabrication of Aeromechanical Conveyor'
1109	NGIRI-2023-21609	University of Central Punjab	Main	Electrical/Electronics Engineering	'Design and Development of Linear Circuit Analysis Lab in Metaverse'
1110	NGIRI-2023-21889	University of Central Punjab	Main	Electrical Engineering	'Tan Delta Measurement for High Voltage Equipment '
1111	NGIRI-2023-21965	University of Central Punjab	Main	Electrical Engineering	'UPS Daughter Board for Solar Integration'
1112	NGIRI-2023-22095	University of Central Punjab	Main	Electrical Engineering	'Multipurpose Agriculture Robot'
1113	NGIRI-2023-22976	University of Central Punjab	Main	Computer Science & IT	'Product Warranty Verification using Block Chain'
1114	NGIRI-2023-18049	University of Education	Multan	Information Technology	'Smart robotic car'
1115	NGIRI-2023-18108	University of Education	D.G. Khan	Information Technology	'Fundraising for needy Students, (CrowdFunding BlockChain Technology)'
1116	NGIRI-2023-18185	University of Education	Multan	Information Technology	'Autonomous Firefighting Robot with GSM Technology'
1117	NGIRI-2023-18189	University of Education	Multan	Information Technology	'Magnetic Smart Lock For Personal Security'
1118	NGIRI-2023-19049	University of Education	Joharabad	Computer Science & IT	'Smart Poultry Incubator Monitoring System '
1119	NGIRI-2023-19291	University of Education	Faisalabad	Information Technology	'IOT Based Smart Agriculture System'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
1120	NGIRI-2023-19555	University of Education	D.G. Khan	Information Technology	'Breast Cancer Detection'
1121	NGIRI-2023-19596	University of Education	Joharabad	Computer Science & IT	' IOT BASED SMART IRRIGATION SYSTEM USING ARDUINO'
1122	NGIRI-2023-20086	University of Education	Vehari	Information Technology	'Secure Me'
1123	NGIRI-2023-20108	University of Education	Vehari	Information Technology	'TUTOR FINDER SOCIAL WEB'
1124	NGIRI-2023-20126	University of Education	Vehari	Information Technology	'Home Automation system '
1125	NGIRI-2023-20198	University of Education	Multan	Information Technology	'E-Service Application'
1126	NGIRI-2023-20203	University of Education	Vehari	Information Technology	'Towards improvement of leaf disease prediction using deep learning '
1127	NGIRI-2023-20449	University of Education	D.G. Khan	Information Technology	'Fraud Detection in soft drinks using blockchain '
1128	NGIRI-2023-20456	University of Education	D.G. Khan	Information Technology	'Blockchain-based Transparent Charity System'
1129	NGIRI-2023-20675	University of Education	Joharabad	Computer Science & IT	Smart Waste Management System
1130	NGIRI-2023-20735	University of Education	Joharabad	Information Technology	'Bearing Fault Detection System using Machine Learning'
1131	NGIRI-2023-21251	University of Education	Faisalabad	Computer Science & IT	'Adaptive signals '
1132	NGIRI-2023-21585	University of Education	Joharabad	Computer Science & IT	'IOT based weather sensor System'
1133	NGIRI-2023-21954	University of Education	Faisalabad	Information Technology	'SmartEco'
1134	NGIRI-2023-22020	University of Education	Township	Computer Science & IT	'SMART CONTROL OF TRAFFIC SIGNALS SYSTEM USING ARTIFICIAL INTELLIGENCE'
1135	NGIRI-2023-22036	University of Education	Township	Information Technology	'Fire Guard'
1136	NGIRI-2023-22090	University of Education	Faisalabad	Information Technology	'Online Rental Haven'
1137	NGIRI-2023-22256	University of Education	Main	Information Technology	'Feedback Analyzer'
1138	NGIRI-2023-22932	University of Education	Faisalabad	Information Technology	'AmbuTrack: A Step Towards Delivering and Tracking Medical Services.'
1139	NGIRI-2023-22979	University of Education	Township	Computer Science & IT	'IoT Based Water Spray & Pest Control Agriculture Robot'
1140	NGIRI-2023-16745	University of Engineering & Technology, Lahore	Faisalabad	Mechatronics Engineering	'Designing of the Temperature Controller for Nano Fluid Cooled Simulated Processor '
1141	NGIRI-2023-16806	University of Engineering & Technology, Lahore	Lahore	Electrical Engineering	'Design, Analysis and implementation of Level 2 Electric Vehicle Charger '
1142	NGIRI-2023-16821	University of Engineering & Technology, Lahore	Kala Shah Kaku	Biomedical Engineering	'Functional Electrical Stimulator for paralysis'
1143	NGIRI-2023-16878	University of Engineering & Technology, Lahore	Faisalabad	Electrical/Electronics Engineering	'Renewable Power Generation via Animate Prime Movers'
1144	NGIRI-2023-16897	University of Engineering & Technology, Lahore	Narowal	Electrical Engineering	'Smart Plant Disease Detector and Spraying Agriculture Robot.'
1145	NGIRI-2023-16903	University of Engineering & Technology, Lahore	Narowal	Electrical	'HAND GESTURE RECOGNITION AND VOCALIZER SYSTEM FOR SPECIAL INDIVIDUALS'
1146	NGIRI-2023-16961	University of Engineering & Technology, Lahore	Faisalabad	Electrical Power Engineering	'Electrically assisted bicycle with self charge mechanism '
1147	NGIRI-2023-16964	University of Engineering & Technology, Lahore	Faisalabad	Electrical Power Engineering	'Wireless Electric vehicles charging system'
1148	NGIRI-2023-17000	University of Engineering & Technology, Lahore	Kala Shah Kaku	Electrical Engineering	'Solar Powered Electric Scooter'
1149	NGIRI-2023-17038	University of Engineering & Technology, Lahore	RCET Gujranwala	Electrical Engineering	'Solar and Wind Energy Based Hybrid Power Generating System'
1150	NGIRI-2023-17042	University of Engineering & Technology, Lahore	RCET Gujranwala	Electrical Engineering	'Assessment of Energy Consumption and Application of Solar PV in advertising sector (Billboard)'
1151	NGIRI-2023-17074	University of Engineering & Technology, Lahore	Faisalabad	Electrical Engineering	'Colour dosing system '
1152	NGIRI-2023-17166	University of Engineering & Technology, Lahore	RCET Gujranwala	Electrical Engineering	'Real time University Bus Tracking System'
1153	NGIRI-2023-17184	University of Engineering & Technology, Lahore	RCET Gujranwala	Electrical Engineering	'Optimal Forecasting of PV Power Output Using LSTM and Different Optimization Algorithms'
1154	NGIRI-2023-17300	University of Engineering & Technology, Lahore	Narowal	Electrical Engineering	'Electronics stethoscope for lungs and heart '
1155	NGIRI-2023-17768	University of Engineering & Technology, Lahore	Kala Shah Kaku	Electrical Engineering	'Solar Panel Health Diagnostics using Machine Learning Algorithm via Capacitor Voltage Divider Method'
1156	NGIRI-2023-17804	University of Engineering & Technology, Lahore	Narowal	Mechanical Engineering	'Fabrication of THREE D Printer and Topology Optimization of Its printed parts'
1157	NGIRI-2023-17827	University of Engineering & Technology, Lahore	Narowal	Mechanical Engineering	'Fabrication and Analysis of Prototype Bladeless Wind Turbine'
1158	NGIRI-2023-18279	University of Engineering & Technology, Lahore	Narowal	Electrical Engineering	'Isolation of Grid Due to Surges and Installation of Protection and Monitoring System for it. '
1159	NGIRI-2023-18421	University of Engineering & Technology, Lahore	Faisalabad	Electrical/Electronics Engineering	'Design of a variable steering ratio using steer-by-wire vehicle'
1160	NGIRI-2023-18670	University of Engineering & Technology, Lahore	Lahore	Computer Engineering	'Acquisition and Analysis of Wrist Pulse Signals for Disease Diagnosis'
1161	NGIRI-2023-18679	University of Engineering & Technology, Lahore	Lahore	Computer Engineering	'Wireless ECG Based Diagnosis System'
1162	NGIRI-2023-18812	University of Engineering & Technology, Lahore	Narowal	Mechanical Engineering	'Modeling and Fabrication of Solar Powered Automated Seed Sowing Robot'
1163	NGIRI-2023-19258	University of Engineering & Technology, Lahore	Narowal	Mechanical Engineering	'Design and Fabrication of System for Pyrolysis of Plastic using Oxy-Hydrogen gas Produced by Electrolysis of Solar Energy'
1164	NGIRI-2023-19657	University of Engineering & Technology, Lahore	RCET Gujranwala	Mechanical Engineering	'Development of automatic safety risk management system for home gas leakage'
1165	NGIRI-2023-19659	University of Engineering & Technology, Lahore	Kala Shah Kaku	Mechanical Engineering	'Design and fabrication of lab scale pyrolysis plant'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
1166	NGIRI-2023-19693	University of Engineering & Technology, Lahore	RCET Gujranwala	Mechanical Engineering	'Production of Sustainable Fly Ash bricks with waste Plastic: Mechanical and Durability Properties '
1167	NGIRI-2023-19774	University of Engineering & Technology, Lahore	Kala Shah Kaku	Biomedical Engineering	'Development of Smart Conductive Textile for wearable applications'
1168	NGIRI-2023-19847	University of Engineering & Technology, Lahore	Faisalabad	Mechatronics Engineering	'SMART ROBOTIC WALKER FOR ELDER'S'
1169	NGIRI-2023-19866	University of Engineering & Technology, Lahore	Faisalabad	Mechatronics Engineering	'Development of Low Cost Portable Optical Motion Capture System for Diagnosis of Parkinsons Disease'
1170	NGIRI-2023-19878	University of Engineering & Technology, Lahore	Faisalabad	Mechatronics Engineering	'Design, Development and Control of 3 DOF COBOT'
1171	NGIRI-2023-19891	University of Engineering & Technology, Lahore	Lahore	Electrical Engineering	'Electrically Controlled Smart Coalification'
1172	NGIRI-2023-19911	University of Engineering & Technology, Lahore	Narowal	Electrical Engineering	'Security Surveillance and Spying Robot'
1173	NGIRI-2023-19946	University of Engineering & Technology, Lahore	Faisalabad	Electrical Engineering	'IOT Based Smart Irrigation System Using Dual Power Source'
1174	NGIRI-2023-20002	University of Engineering & Technology, Lahore	Narowal	Biomedical Engineering	'ENT Diagnostic Robotic Mechanism'
1175	NGIRI-2023-20005	University of Engineering & Technology, Lahore	Narowal	Biomedical Engineering	'IOT based Knee Rehabilitation Device'
1176	NGIRI-2023-20479	University of Engineering & Technology, Lahore	Narowal	Biomedical Engineering	'Robotic Ultrasound Probe Holder'
1177	NGIRI-2023-20734	University of Engineering & Technology, Lahore	Lahore	Computer Science	'IoT-based Smart Dairy Farming'
1178	NGIRI-2023-20819	University of Engineering & Technology, Lahore	Narowal	Biomedical Engineering	'DEVELOPMENT OF WEARABLE TREMOR SUPPRESSION GLOVE FOR REHABILITATION OF PARKINSON DISEASE'
1179	NGIRI-2023-21114	University of Engineering & Technology, Lahore	Lahore	Mechatronics Engineering	'Smart Patient Shifter between Beds and Stretchers'
1180	NGIRI-2023-21170	University of Engineering & Technology, Lahore	Kala Shah Kaku	Biomedical Engineering	'Rehabilitative End effector Device for Smart Supportive Therapy REST'
1181	NGIRI-2023-21382	University of Engineering & Technology, Lahore	Lahore	Mechanical Engineering	'Design Optimization and Fabrication of Multi Purpose Blasting Spray Robot '
1182	NGIRI-2023-21489	University of Engineering & Technology, Lahore	Kala Shah Kaku	Electrical/Electronics Engineering	'IoT based Three Phase Fault Analysis System with auto reset on temporary fault and permanent trip otherwise'
1183	NGIRI-2023-21588	University of Engineering & Technology, Lahore	Kala Shah Kaku	Biomedical Engineering	'Smart Assessment of Neurological diseases using AI approaches '
1184	NGIRI-2023-21737	University of Engineering & Technology, Lahore	Lahore	Mechanical Engineering	'Design and Fabrication of Floating Satellite (FLOATSAT)'
1185	NGIRI-2023-21740	University of Engineering & Technology, Lahore	Faisalabad	Electrical/Electronics Engineering	'Smart Distribution Automation and Monitoring Systems (SDAMS)'
1186	NGIRI-2023-21855	University of Engineering & Technology, Lahore	Faisalabad	Electrical/Electronics Engineering	'Autonomous Medical Assistant '
1187	NGIRI-2023-21901	University of Engineering & Technology, Lahore	Lahore	Mechanical Engineering	'Hybrid Bike Working on Regenerative Energy '
1188	NGIRI-2023-21937	University of Engineering & Technology, Lahore	Lahore	Mechanical Engineering	'Design and development of hybrid air and water cooled AC system for buildings to achieve net zero goals'
1189	NGIRI-2023-22093	University of Engineering & Technology, Lahore	Lahore	Mechatronics Engineering	'Improved Development of 6 DOF robot for multi-application oriented design'
1190	NGIRI-2023-22421	University of Engineering & Technology, Lahore	Swedish College of Engin	Electrical Engineering	'Wireless charging for Electric Vehicles '
1191	NGIRI-2023-22430	University of Engineering & Technology, Lahore	Swedish College of Engin	Mechanical Engineering	'Design and fabrication of pedestal Fan with cooling effect by peltier modules'
1192	NGIRI-2023-22448	University of Engineering & Technology, Lahore	Swedish College of Engin	Mechanical Engineering	'Vertical axis wind turbine '
1193	NGIRI-2023-22510	University of Engineering & Technology, Lahore	RCET Gujranwala	Mechanical Engineering	'Thermal management and thermal runaway of lithium ion battery'
1194	NGIRI-2023-22512	University of Engineering & Technology, Lahore	Swedish College of Engin	Mechanical Engineering	'Bio composting of Horticulture and Organic waste into Manure indigenous'
1195	NGIRI-2023-22563	University of Engineering & Technology, Lahore	Swedish College of Engin	Electrical Engineering	'Transformer overload alert with voice announcement'
1196	NGIRI-2023-22564	University of Engineering & Technology, Lahore	Swedish College of Engin	Electrical Engineering	'Auto power switching mains, solar inverter of generator '
1197	NGIRI-2023-22621	University of Engineering & Technology, Lahore	Lahore	Mechatronics Engineering	'Robot Fault Identification RFI by using vibration analysis'
1198	NGIRI-2023-22712	University of Engineering & Technology, Lahore	RCET Gujranwala	Mechanical Engineering	'To locate hotspot and reduce its effect on PV panel performance by utilizing experimental and Analytical methods'
1199	NGIRI-2023-22787	University of Engineering & Technology, Lahore	Swedish College of Engin	Electrical Engineering	'three phase fault analysis with auto reset on temporary fault and permanent trip'
1200	NGIRI-2023-23097	University of Engineering & Technology, Lahore	Swedish College of Engin	Electrical Power Engineering	'IoT based Patient monitoring system'
1201	NGIRI-2023-16747	University of Engineering & Technology, Peshawar	Peshawar	Computer System Engineering	'Augmented Reality Based Virtual Try Room'
1202	NGIRI-2023-16873	University of Engineering & Technology, Peshawar	Peshawar	Mechatronics Engineering	'Design and Fabrication of Adjustable Lower Limb Exoskeleton '
1203	NGIRI-2023-16947	University of Engineering & Technology, Peshawar	Peshawar	Mechatronics Engineering	Design and Development of Smart Robo Carrier
1204	NGIRI-2023-16962	University of Engineering & Technology, Peshawar	Peshawar	Electrical Engineering	'FRESH AND ROTTEN FRUIT CLASSIFICATION TRACK USING DEEP LEARNING'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
1205	NGIRI-2023-16975	University of Engineering & Technology, Peshawar	Peshawar	Mechatronics Engineering	'Design and Development of Canal Cleaning System'
1206	NGIRI-2023-16981	University of Engineering & Technology, Peshawar	Jalozai	Mechanical Engineering	'Design and fabrication of bladeless turbine'
1207	NGIRI-2023-17584	University of Engineering & Technology, Peshawar	Abbottabad	Electronics Engineering	'Local car number plate recognition using deep learning '
1208	NGIRI-2023-17633	University of Engineering & Technology, Peshawar	Jalozai	Mechanical Engineering	'Design, Analysis and Manufacturing of Dynamic hand splint by applying 3D Printing.'
1209	NGIRI-2023-17667	University of Engineering & Technology, Peshawar	Abbottabad	Electronics Engineering	'System on Chip design using Rocket Chip Soc Generator'
1210	NGIRI-2023-17901	University of Engineering & Technology, Peshawar	Jalozai	Electrical Engineering	'A Wearable Low-cost Muscle Activated Switch for Wireless Control of home appliances for the Physically challenged/disabled Patients'
1211	NGIRI-2023-18261	University of Engineering & Technology, Peshawar	Jalozai	Engineering and Sciences	'Effect of variable strength infill walls on seismic performance of an RCC Structure.'
1212	NGIRI-2023-18266	University of Engineering & Technology, Peshawar	Jalozai	Electrical Engineering	'IoT based Smart Masjid'
1213	NGIRI-2023-18267	University of Engineering & Technology, Peshawar	Jalozai	Engineering and Sciences	'A Multi-Criteria Decision Analysis Approach to Traffic Optimization and Level of Service Improvement on GT Road Peshawar'
1214	NGIRI-2023-18280	University of Engineering & Technology, Peshawar	Jalozai	Industrial Electronics	'Optimization of Three D printing parameters using DOE techniques'
1215	NGIRI-2023-18383	University of Engineering & Technology, Peshawar	Peshawar	Computer System Engineering	'Detection of impurities in milk using IoT and embedded systems'
1216	NGIRI-2023-18390	University of Engineering & Technology, Peshawar	Jalozai	Electrical Engineering	'Flood monitoring system through Open cv '
1217	NGIRI-2023-18399	University of Engineering & Technology, Peshawar	Jalozai	Electrical Engineering	'WHEAT PLANT DISEASES IDENTIFICATION THROUGH VISION TRANSFORMER'
1218	NGIRI-2023-18440	University of Engineering & Technology, Peshawar	Peshawar	Industrial Electronics	'Design and Fabrication of 3D scanner using Photogrammetry technique'
1219	NGIRI-2023-18468	University of Engineering & Technology, Peshawar	Bannu	Electrical Engineering	'Design and Implementation of Solar Tracking System using Arduino'
1220	NGIRI-2023-18554	University of Engineering & Technology, Peshawar	Bannu	Electrical Engineering	'An Intelligent Traffic Control System Using Image Processing '
1221	NGIRI-2023-18752	University of Engineering & Technology, Peshawar	Bannu	Electrical Engineering	'Nonlinear Sliding Mode Based Maximum Power Point Tracking Control of a Standalone Photovoltaic System'
1222	NGIRI-2023-18786	University of Engineering & Technology, Peshawar	Bannu	Electrical Engineering	'IOT Based Healthcare Monitoring System'
1223	NGIRI-2023-19469	University of Engineering & Technology, Peshawar	Peshawar	Mechatronics Engineering	'Development and Automation of Lawn Mowing Mobile Robot'
1224	NGIRI-2023-19855	University of Engineering & Technology, Peshawar	Peshawar	Mechanical Engineering	'Additive Investigation of Fused Deposition Modeling Produced Water Vortex Turbine'
1225	NGIRI-2023-19902	University of Engineering & Technology, Peshawar	Abbottabad	Electronics Engineering	'IC Designing of Encrypted Data Co Processor Using Partial Homomorphic Encryption '
1226	NGIRI-2023-20155	University of Engineering & Technology, Peshawar	Jalozai	Electrical	'Design and Implementation of an Affordable Battery Management System (BMS) for Electric Vehicles'
1227	NGIRI-2023-20222	University of Engineering & Technology, Peshawar	Abbottabad	Electronics Engineering	'Environment Health Monitoring System for Metropolitan cities through Quadcopter '
1228	NGIRI-2023-21578	University of Engineering & Technology, Peshawar	Jalozai	Electrical	'An Artificial Intelligence based Control of Electric Bike Traction System to Maximise the Driving Range.'
1229	NGIRI-2023-21759	University of Engineering & Technology, Peshawar	Peshawar	Electrical Engineering	'LOAD MANAGEMENT SYSTEM FOR PEAK HOURS'
1230	NGIRI-2023-21774	University of Engineering & Technology, Peshawar	Jalozai	Mechanical Engineering	'Solar Dehydrator for Food Preservation'
1231	NGIRI-2023-22301	University of Engineering & Technology, Peshawar	Peshawar	Electrical Engineering	'Smart Home Automation Integrated with Solar System for Efficient Use of Energy'
1232	NGIRI-2023-22842	University of Engineering & Technology, Peshawar	Jalozai	Mechanical Engineering	'Micro hydroelectric Power Generator'
1233	NGIRI-2023-22875	University of Engineering & Technology, Peshawar	Peshawar	Electrical Engineering	'Real time car accident detection and alert system '
1234	NGIRI-2023-22917	University of Engineering & Technology, Peshawar	Jalozai	Science & Technology	'Experimental evaluation of marble dust for the improvement of geotechnical properties of granular soil'
1235	NGIRI-2023-17149	University of Engineering & Technology, Taxila	Taxila	Computer Engineering	'Development of Cross-Language User-Friendly Interface to Program Diverse Robotic Platforms'
1236	NGIRI-2023-16819	University of Engineering & Technology, Mardan	Mardan	Telecom Engineering	'Wideband Coding Metasurfaces for Polarization control and Radar Cross Section Reduction'
1237	NGIRI-2023-18142	University of Engineering & Technology, Mardan	Mardan	Electrical Power Engineering	'Design and Analysis Of Compressed Air Energy Storage System as an Uninterrupted Power Supply for Small Load'
1238	NGIRI-2023-18195	University of Engineering & Technology, Mardan	Mardan	Electrical Engineering	'Increasing Solar panel efficiency through light focusing and cooling techniques'
1239	NGIRI-2023-18222	University of Engineering & Technology, Mardan	Mardan	Electrical Power Engineering	'A droplet based triboelectric generator for off grid electrical appliances'
1240	NGIRI-2023-18251	University of Engineering & Technology, Mardan	Mardan	Electrical Engineering	'IOT BASED POWER THEFT DETECTION'
1241	NGIRI-2023-19076	University of Engineering & Technology, Mardan	Mardan	Software Engineering	'AI enable smart mobile phone for human fall detection '
1242	NGIRI-2023-17339	University of Gujrat	Hafiz Hayat	Electrical Engineering	'Solar Powered Double H Bridge LLC Resonant Converter based EV battery charger with Wide Charging Range and Low Output Voltage Ripples'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
1243	NGIRI-2023-22513	University of Gujrat	Hafiz Hayat	Electrical Engineering	'Weed Detection and Removal using Autonomous Mobile Robot'
1244	NGIRI-2023-23032	University of Gujrat	Hafiz Hayat	Electrical Engineering	'DESIGN AND IMPLEMENTATION OF PROSTHETIC BIONIC ARM USING EMG TECHNOLOGY FOR DISABLED PEOPLE '
1245	NGIRI-2023-23116	University of Gujrat	Hafiz Hayat	Electrical Engineering	'Charging cycle optimization of EV Batteries using Machine Learning Techniques'
1246	NGIRI-2023-23060	University of Karachi	Main	Computer Science	'Multifaceted Crypto Wallet'
1247	NGIRI-2023-23125	University of Karachi	Main	Computer Science	'Aqua Tech'
1248	NGIRI-2023-23165	University of Karachi	Main	Computer Science	'Fake Product Detection Using QRCode'
1249	NGIRI-2023-17147	University of Malakand	Chakdara	Software Engineering	'High School Students Performance Predictions'
1250	NGIRI-2023-18283	University of Malakand	Chakdara	Software Engineering	'Infant Health and sleep monitoring and assistance system using IoT'
1251	NGIRI-2023-19709	University of Malakand	Chakdara	Software Engineering	'SignTalk'
1252	NGIRI-2023-22560	University of Malakand	Chakdara	Software Engineering	'Forestry Record Keeping System'
1253	NGIRI-2023-16998	University of Management and Technology	Lahore	Electrical Engineering	'Traffic Management using Drone'
1254	NGIRI-2023-17433	University of Management and Technology	Lahore	Mechanical Engineering	'Development of experimental setup for testing engine performance characteristics and using biodiesel blend with mineral diesel on the performance characteristics of diesel engine'
1255	NGIRI-2023-17601	University of Management and Technology	Lahore	Computer Science & IT	'Skin cancer classification from dermoscopy images using deep learning algorithms '
1256	NGIRI-2023-17675	University of Management and Technology	Lahore	Electrical Engineering	'SDR-Based Search and Rescue Communication System Using LPWAN Technology'
1257	NGIRI-2023-17792	University of Management and Technology	Sialkot	Computer Science	'Automatic Height Adjuster & Accident Prevention System'
1258	NGIRI-2023-18180	University of Management and Technology	Lahore	Electrical Engineering	'Swarm Drone'
1259	NGIRI-2023-18317	University of Management and Technology	Lahore	Electrical Engineering	'Hemiplegia Rehabilitation with Robotic Assistance: A Pathway to Enhanced Recovery'
1260	NGIRI-2023-18584	University of Management and Technology	Lahore	Computer Science	Indoor Navigation System for Blind People
1261	NGIRI-2023-19089	University of Management and Technology	Sialkot	Computer Science	'WIRE LESS SIM ADAPTER AND EXTENDER'
1262	NGIRI-2023-19875	University of Management and Technology	Lahore	Computer Science & IT	'Virtual AR Try-ons '
1263	NGIRI-2023-20027	University of Management and Technology	Lahore	Computer Science	'Smart Nutritionist Ai Nutrition Recommendation System '
1264	NGIRI-2023-20509	University of Management and Technology	Lahore	Software Engineering	'Smart Helmet With Fall Detection And Moblie Application'
1265	NGIRI-2023-20670	University of Management and Technology	Sialkot	Electrical Engineering	'Pick and Place Articulated Robotic Manipulator for Educational Purpose using MATLAB and ESP32'
1266	NGIRI-2023-21196	University of Management and Technology	Lahore	Computer Science	'Ocular Disease Prediction'
1267	NGIRI-2023-21252	University of Management and Technology	Lahore	Computer Science	'AR Warrdrobe'
1268	NGIRI-2023-21414	University of Management and Technology	Lahore	Mechanical Engineering	'Design and Development of Wind Tunnel for External Flow Analysis on Different Bodies'
1269	NGIRI-2023-21792	University of Management and Technology	Lahore	Mechanical Engineering	'Study on properties of different composite plastic for 3d printing of customized and ergonomically designed prosthetic socket'
1270	NGIRI-2023-21815	University of Management and Technology	Lahore	Mechanical Engineering	'Low subsonic wind tunnel'
1271	NGIRI-2023-22633	University of Management and Technology	Lahore	Software Engineering	'BAIVAS (Buddy an Artificial Intelligence based Voice Assistant System)'
1272	NGIRI-2023-22780	University of Management and Technology	Lahore	Science & Technology	'Ephysio'
1273	NGIRI-2023-18675	University of Mianwali	Main	Computer Science & IT	'Real time car detection and tracking through video stream '
1274	NGIRI-2023-18785	University of Mianwali	Main	Computer Science & IT	'Multi Functional Autonomous Car'
1275	NGIRI-2023-19236	University of Mianwali	Main	Computer Science & IT	'My tiny world'
1276	NGIRI-2023-19317	University of Mianwali	Main	Computer Science & IT	'AdWise'
1277	NGIRI-2023-21547	University of Narowal	Main	Computer Science	'Skin disease Detection using Machine Learning and Image processing'
1278	NGIRI-2023-17053	University of Peshawar	Peshawar	Electronics	'Designing and Implementation of High Current Wireless Charging System for Electric Vehicles'
1279	NGIRI-2023-17061	University of Peshawar	Peshawar	Electronics	'A Broad-spectrum Accident & Rescue Alarming System'
1280	NGIRI-2023-20142	University of Peshawar	Peshawar	Electronics	OBd-II Scanner for Vehicles Diagnostic and Monitoring the Engine Parameters
1281	NGIRI-2023-22313	University of Peshawar	Peshawar	Electronics	IOT Based Water Management System Using Lora
1282	NGIRI-2023-17254	University of Sargodha	Main	Computer Science	'BCI-ACTUATED SMART WHEELCHAIR SYSTEM'
1283	NGIRI-2023-17257	University of Sargodha	Main	Computer Science & IT	'Cattle Monitoring and Disease Detection System Using Internet Of Things'
1284	NGIRI-2023-16662	University of Sialkot, Sialkot	Sialkot	Software Engineering	'An Automated Vehicle Detection and Counting'
1285	NGIRI-2023-18149	University of Sialkot, Sialkot	Sialkot	Computer Science & IT	'IOT based Thalassaemia disease detection system '
1286	NGIRI-2023-18151	University of Sialkot, Sialkot	Sialkot	Computer Science & IT	'Smart Crop Irrigation System'
1287	NGIRI-2023-20788	University of Sialkot, Sialkot	Sialkot	Information Technology	'Wireless Charging Desk System'
1288	NGIRI-2023-20960	University of Sialkot, Sialkot	Sialkot	Information Technology	'DASU The game'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
1289	NGIRI-2023-21389	University of Sialkot, Sialkot	Sialkot	Information Technology	'ANPR Automatic Numberplate Recognition Based Toll Collection System'
1290	NGIRI-2023-22467	University of Sialkot, Sialkot	Sialkot	Software Engineering	'Android application for the detection and monitoring of epilepsys'
1291	NGIRI-2023-22997	University of Sialkot, Sialkot	Sialkot	Computer Science	'Auto Suggestion Shopping Cart'
1292	NGIRI-2023-23007	University of Sialkot, Sialkot	Sialkot	Computer Science	'Virtual Tour '
1293	NGIRI-2023-23009	University of Sialkot, Sialkot	Sialkot	Computer Science	'Assistivepro '
1294	NGIRI-2023-23053	University of Sialkot, Sialkot	Sialkot	Computer Science & IT	'A Third Eye'
1295	NGIRI-2023-23055	University of Sialkot, Sialkot	Sialkot	Computer Science & IT	'Voice Assistant In Automobiles'
1296	NGIRI-2023-23137	University of Sialkot, Sialkot	Sialkot	Computer Science	'IOT asset tracking system '
1297	NGIRI-2023-18037	University of Sindh	Allama I.I Kazi	Telecom Engineering	'Fire Detection and Localization Using Surveillance Camera'
1298	NGIRI-2023-18080	University of Sindh	Allama I.I Kazi	Telecom Engineering	'Third Eye For Blind Ultrasonic Vibrator Glove'
1299	NGIRI-2023-18210	University of Sindh	Allama I.I Kazi	Telecom Engineering	'Robotic Prosthetics'
1300	NGIRI-2023-18763	University of Sindh	Allama I.I Kazi	Computer Science & IT	'Voice Operated Guidance Systems for Vision Impaired People'
1301	NGIRI-2023-18870	University of Sindh	Allama I.I Kazi	Software Engineering	'A language learning app that uses AI to personalize the learning experience'
1302	NGIRI-2023-18964	University of Sindh	Allama I.I Kazi	Software Engineering	'ML-BASED HAND SIGN DETECTION SYSTEM FOR DEAF-MUTE PEOPLE'
1303	NGIRI-2023-19296	University of Sindh	Allama I.I Kazi	Biomedical Engineering	'Robotic Assistant for wheelchair '
1304	NGIRI-2023-19299	University of Sindh	Allama I.I Kazi	Electronics	'VR based learning platform for multiple subjects'
1305	NGIRI-2023-19448	University of Sindh	Allama I.I Kazi	Electronics	'IoT Smart Home Using Eye Tracking and Voice Interfaces for Elderly and Special Needs People'
1306	NGIRI-2023-19475	University of Sindh	Allama I.I Kazi	Software Engineering	'Indirect skill assessment using AI technology'
1307	NGIRI-2023-19806	University of Sindh	Allama I.I Kazi	Information & Communication Technol	'DevGPT: An AI GPT model for developers '
1308	NGIRI-2023-19916	University of Sindh	Allama I.I Kazi	Information Technology	' Smart Farming System'
1309	NGIRI-2023-19925	University of Sindh	Allama I.I Kazi	Information Technology	'Speech Emotion Detection System '
1310	NGIRI-2023-19977	University of Sindh	Allama I.I Kazi	Information Technology	'FemmeGuard A Women Safety Android Application'
1311	NGIRI-2023-19986	University of Sindh	Allama I.I Kazi	Telecom Engineering	'Virtual reality for ambulance simulation environment'
1312	NGIRI-2023-20194	University of Sindh	Allama I.I Kazi	Information & Communication Technol	'Weapon Detection in Surveillance System'
1313	NGIRI-2023-20197	University of Sindh	Allama I.I Kazi	Information Technology	'Handwritten Digit Recognition using Machine and Deep Learning Algorithms'
1314	NGIRI-2023-20669	University of Sindh	Allama I.I Kazi	Biomedical Engineering	'Blind people guide system based on voice'
1315	NGIRI-2023-20681	University of Sindh	Allama I.I Kazi	Electrical Engineering	'Image based head cancer detection'
1316	NGIRI-2023-20749	University of Sindh	Allama I.I Kazi	Electrical Engineering	'Employee performance monitoring through sensors based on IoT'
1317	NGIRI-2023-20752	University of Sindh	Allama I.I Kazi	Electrical Engineering	'AI based heart disease detection and problem identification'
1318	NGIRI-2023-20842	University of Sindh	Allama I.I Kazi	Computing and Technology	'Water purification based on IoT'
1319	NGIRI-2023-20988	University of Sindh	Allama I.I Kazi	Computer System Engineering	'Secure Industrial Control management alongside protection'
1320	NGIRI-2023-21072	University of Sindh	Allama I.I Kazi	Science & Technology	'Brain Computer Interfacing based on neurorehabilitation'
1321	NGIRI-2023-21075	University of Sindh	Allama I.I Kazi	Science & Technology	'Robo chat in Sindhi '
1322	NGIRI-2023-21134	University of Sindh	Mirpur Khas	Computer Science	'Automated Detection of Diabetic Retinopathy using Deep Learning '
1323	NGIRI-2023-21408	University of Sindh	Allama I.I Kazi	Space Science	'Teaching Sindhi to handwriting robot'
1324	NGIRI-2023-21415	University of Sindh	Allama I.I Kazi	Mechanical Engineering	'Automation of court stamp papers'
1325	NGIRI-2023-21418	University of Sindh	Allama I.I Kazi	Mechatronics Engineering	'Accessing home accessories around the world through wifi'
1326	NGIRI-2023-21619	University of Sindh	Allama I.I Kazi	Electrical/Electronics Engineering	'VR based Robot control system for inhuman conditions'
1327	NGIRI-2023-21620	University of Sindh	Allama I.I Kazi	Avionics/Aeronautical Engineering	'Machine Learning based electronic stamping'
1328	NGIRI-2023-21622	University of Sindh	Allama I.I Kazi	Engineering and Sciences	'Textile industry based Controlling quality of yarn thread '
1329	NGIRI-2023-21683	University of Sindh	Allama I.I Kazi	Software Engineering	'8 Leg Spider Robot Using Theo Jansen Linkage'
1330	NGIRI-2023-22647	University of Sindh	Allama I.I Kazi	Computer Science & IT	'RF Controlled Solar Panel Based Robotic Vehicle'
1331	NGIRI-2023-22794	University of Sindh	Allama I.I Kazi	Electronics	'Smart Hydroponics and Hybrid Farming: An Innovative Approach to Sustainable Crop Production.'
1332	NGIRI-2023-22934	University of Sindh	Allama I.I Kazi	Electronics	'Design and development of Graphene or silicon heterostructure photodiodes for health monitoring applications'
1333	NGIRI-2023-23236	University of Sindh	Allama I.I Kazi	Space Science	'Anxiety and stress recognition through facial properties'
1334	NGIRI-2023-23251	University of Sindh	Allama I.I Kazi	Space Science	'Lets play letter hunt'
1335	NGIRI-2023-22046	University of Sufism and Modern Sciences, Bhitshah Sindh	Main	Computer Science	'Adaptive Full Beam Headlight Dispersion Control for Safe Driving'
1336	NGIRI-2023-17907	University of Swat	Main	Science & Technology	'Computational Analysis of River Swat water biota using Density Functional Theory DFT'
1337	NGIRI-2023-22305	University of Swat	Main	Information & Communication Technol	'tomatoes diseases detection mobile application'
1338	NGIRI-2023-18782	University of Technology Nowshera (Shuhada-e-APS)	Main	Electrical	'Design of Dual Mode Electric Bicycle'
1339	NGIRI-2023-18901	University of Technology Nowshera (Shuhada-e-APS)	Main	Electrical	'Detecting the Undetectable: A New Approach to the Blind Spot Detection for Trucks and Buses'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
1340	NGIRI-2023-19063	University of Technology Nowshera (Shuhada-e-APS)	Main	Mechanical Engineering	'Cnc milling machine'
1341	NGIRI-2023-19152	University of Technology Nowshera (Shuhada-e-APS)	Main	Electrical Engineering	'SMS Based Gas leakage Detection and Prevention System'
1342	NGIRI-2023-19181	University of Technology Nowshera (Shuhada-e-APS)	Main	Mechanical Engineering	'Patient Lifting Wheelchair'
1343	NGIRI-2023-19264	University of Technology Nowshera (Shuhada-e-APS)	Main	Electronics Engineering	'Automatic product sorting machine'
1344	NGIRI-2023-19305	University of Technology Nowshera (Shuhada-e-APS)	Main	Electronics	'Su-27 RC Airplane'
1345	NGIRI-2023-19355	University of Technology Nowshera (Shuhada-e-APS)	Main	Electronics Engineering	'Ventilator using aurdino with blood oxygen level'
1346	NGIRI-2023-19361	University of Technology Nowshera (Shuhada-e-APS)	Main	Electrical Engineering	'Design and development of a robotic hand using EMG signals'
1347	NGIRI-2023-19385	University of Technology Nowshera (Shuhada-e-APS)	Main	Information Technology	'A Deep Learning Model for BONE Fracture Detection and Classification'
1348	NGIRI-2023-20059	University of Technology Nowshera (Shuhada-e-APS)	Main	Electrical	'Designing and developing a bionic arm for surgeons to perform tele-surgery precisely'
1349	NGIRI-2023-20224	University of Technology Nowshera (Shuhada-e-APS)	Main	Computer Science & IT	'IoT smart plant monitoring system smart irrigation'
1350	NGIRI-2023-19011	University of the Poonch	Main	Computer Science & IT	'I scheduler and manager '
1351	NGIRI-2023-19036	University of the Poonch	Main	Computer Science & IT	'Flatter based Hostels Hub'
1352	NGIRI-2023-19541	University of the Poonch	Main	Computer Science & IT	'Three D DECOR DREAMER'
1353	NGIRI-2023-19595	University of the Poonch	Main	Computer Science & IT	'Smart eye disease detection app'
1354	NGIRI-2023-20798	University of the Poonch	Main	Electrical Engineering	'Interfacing External UART Peripheral to Rocket Core in RISC-V through AXI-lite Bridge'
1355	NGIRI-2023-21099	University of the Poonch	Main	Electrical Engineering	'Conversion of conventional greenhouse to smart greenhouse for sustainable crop development '
1356	NGIRI-2023-21303	University of the Poonch	Main	Electrical Engineering	'VLSI Design and Implementation of CSD DA based IIR Digital Filter'
1357	NGIRI-2023-21621	University of the Poonch	Main	Electrical Engineering	'IoT Based Smart Granular Structured Grocery Items Management System'
1358	NGIRI-2023-19321	University of Turbat	Main	Computer Science	'NLP Data Collection for Balochi'
1359	NGIRI-2023-19531	University of Turbat	Main	Computer Science	'University Payment System'
1360	NGIRI-2023-16823	University of Wah	Quaid	Computer Science	RoboFertilizer
1361	NGIRI-2023-16837	University of Wah	Quaid	Computer Science	'Smart Helmet for Mining Industry '
1362	NGIRI-2023-16867	University of Wah	Quaid	Computer Science	'IoT based Accident prevention using alcohol and eye blink sensor in vehicles'
1363	NGIRI-2023-16904	University of Wah	Quaid	Computer Science	'IoT based Smart Glove for Paralyzed People'
1364	NGIRI-2023-16908	University of Wah	Quaid	Computer System	'VCCS (Vehicle Customer Care Services)'
1365	NGIRI-2023-17896	University of Wah	Wah Engineering College	Electrical	'IOT based energy theft detection and location identification for single phase distribution system'
1366	NGIRI-2023-17928	University of Wah	Wah Engineering College	Electrical	'Design and development of smart accident detection and prevention system'
1367	NGIRI-2023-18014	University of Wah	Wah Engineering College	Electrical	'Design and Development of Intelligent Energy Meter using GSM Modem.'
1368	NGIRI-2023-18076	University of Wah	Wah Engineering College	Mechatronics Engineering	'Design & Development of Remote Oil Well Monitoring System for Oil and Gas Industry'
1369	NGIRI-2023-18099	University of Wah	Wah Engineering College	Mechatronics Engineering	'Design and Development of Smart Rough Terrian Robot'
1370	NGIRI-2023-18177	University of Wah	Wah Engineering College	Mechatronics Engineering	'Design and Development of Tele-operated Solar Powered Grass Cutting Robot.'
1371	NGIRI-2023-18178	University of Wah	Wah Engineering College	Electrical Engineering	'Designing of bi-directional energy meter for measuring reverse power flow '
1372	NGIRI-2023-18223	University of Wah	Wah Engineering College	Mechatronics Engineering	'Design, Fabrication & Control of a Hybrid Photovoltaic Solar Thermal Room Heating System.'
1373	NGIRI-2023-18228	University of Wah	Wah Engineering College	Electrical/Electronics Engineering	'Effective Energy Management System and Bill Calculation Using PLC and SCADA'
1374	NGIRI-2023-18229	University of Wah	Wah Engineering College	Electrical Engineering	'Design and Development of voice and gesture control smart wheel chair for specially abeleb persons using dc motors'
1375	NGIRI-2023-18271	University of Wah	Wah Engineering College	Electrical Engineering	'Automatic Power Factor Correction For Inductive Load'
1376	NGIRI-2023-18413	University of Wah	Wah Engineering College	Mechanical Engineering	'DESIGN, CFD ANALYSIS, DEVELOPMENT & DEMO OF RECONNAISSANCE UNMANNED AERIAL VEHICLE'
1377	NGIRI-2023-18414	University of Wah	Wah Engineering College	Mechanical Engineering	'DESIGN AND FABLICATION OF PLUG IM AND PLAY DESALINATION SYSTEM'
1378	NGIRI-2023-18424	University of Wah	Wah Engineering College	Electrical Engineering	'Solar powered multifunctional robotic vehicle '
1379	NGIRI-2023-18447	University of Wah	Wah Engineering College	Mechanical Engineering	'Design and fabrication of dock levelers system for ware house.'
1380	NGIRI-2023-18690	University of Wah	Wah Engineering College	Mechanical Engineering	'Investigation of the Mechanical Properties of 3D Printed Composites Reinforced with Fiberglass'
1381	NGIRI-2023-16854	Usman Institute of Technology	Karachi	Electrical Power Engineering	'Energy from waste material '
1382	NGIRI-2023-17204	Usman Institute of Technology	Karachi	Computer Science	'Town Water Management System'
1383	NGIRI-2023-17877	Usman Institute of Technology	Karachi	Electrical/Electronics Engineering	'Water Storage and Distribution System for Pharmaceuticals using PLC and SCADA'
1384	NGIRI-2023-17957	Usman Institute of Technology	Karachi	Electrical/Electronics Engineering	'Industrial Sorting Machine'
1385	NGIRI-2023-18528	Usman Institute of Technology	Karachi	Electrical Engineering	'Smart Fitness Mirror'

National Grassroot ICT Research Initiative 2022-23

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
1386	NGIRI-2023-18586	Usman Institute of Technology	Karachi	Telecom Engineering	'Rssi Based Indoor Localization By Comparing Triangulation and Trilateration'
1387	NGIRI-2023-18614	Usman Institute of Technology	Karachi	Computer Science	'Web ETL'
1388	NGIRI-2023-18641	Usman Institute of Technology	Karachi	Electrical/Electronics Engineering	'CNC Farming Machine '
1389	NGIRI-2023-18769	Usman Institute of Technology	Karachi	Electrical Power Engineering	'Transcutaneous electrical nerve stimulation '
1390	NGIRI-2023-19130	Usman Institute of Technology	Karachi	Electronics Engineering	'Automated Pharmacy'
1391	NGIRI-2023-19468	Usman Institute of Technology	Karachi	Electrical/Electronics Engineering	'LiDar Based Drone For Contour Survey'
1392	NGIRI-2023-19518	Usman Institute of Technology	Karachi	Electrical Engineering	'ROS Based Tutor for Autism Impaired Children '
1393	NGIRI-2023-19647	Usman Institute of Technology	Karachi	Electrical	'Intelligent traffic control system '
1394	NGIRI-2023-20071	Usman Institute of Technology	Karachi	Computer System Engineering	'UIT EBOT Intelligent Assistant for FAQs and IOT Based Automation '
1395	NGIRI-2023-20077	Usman Institute of Technology	Karachi	Computer System	'Virtual Reality based Heavy Truck Vehicle Driving Simulator'
1396	NGIRI-2023-20246	Usman Institute of Technology	Karachi	Electronics Engineering	'Portabke Electric Bicycle Kit'
1397	NGIRI-2023-20306	Usman Institute of Technology	Karachi	Electronics Engineering	'Van Der Pauw Hall Effect '
1398	NGIRI-2023-20310	Usman Institute of Technology	Karachi	Electrical Engineering	'Single Line Transmission '
1399	NGIRI-2023-20439	Usman Institute of Technology	Karachi	Computer Engineering	'AI based IDS and IPS'
1400	NGIRI-2023-21142	Usman Institute of Technology	Karachi	Software Engineering	'GreenGenie'
1401	NGIRI-2023-21188	Usman Institute of Technology	Karachi	Software Engineering	'Adventour and Guide'
1402	NGIRI-2023-21802	Usman Institute of Technology	Karachi	Electronics Engineering	'IC design (ASIC) Flow of SWeRV-EL2'
1403	NGIRI-2023-21881	Usman Institute of Technology	Karachi	Software Engineering	'Block Based Programming'
1404	NGIRI-2023-21890	Usman Institute of Technology	Karachi	Computer Science	'E Voting System Using Blockchain Technology'
1405	NGIRI-2023-21899	Usman Institute of Technology	Karachi	Computer Science	'Gadget Based Voice Translator'
1406	NGIRI-2023-22503	Usman Institute of Technology	Karachi	Electrical Engineering	'Portable Oxygen Concentrator'
1407	NGIRI-2023-16658	Virtual University of Pakistan	Main	Computer Science	'Media Forensics Identifying Manipulated Unstructured Data using Deep Learning'
1408	NGIRI-2023-19026	Women University AJK	Main	Computer Science & IT	'Fake news detection '
1409	NGIRI-2023-19041	Women University AJK	Main	Computer Science & IT	'Online clearance system for women university '
1410	NGIRI-2023-19115	Women University AJK	Main	Computer System	'veterinary management system '
1411	NGIRI-2023-19369	Women University AJK	Main	Computer Science	'house hunting'
1412	NGIRI-2023-19447	Women University AJK	Main	Computer Science & IT	'Diabetes prediction by using machine learning'
1413	NGIRI-2023-23132	Women University AJK	Main	Computer Science & IT	'Master Mind game'
1414	NGIRI-2023-16691	Ziauddin University, ZUFEST	North Nazimabad	Electrical	'Renewable Energy Generation using Vertical Axis Wind Turbine'
1415	NGIRI-2023-17160	Ziauddin University, ZUFEST	North Nazimabad	Biomedical Engineering	'Phonoecrocardiogram '
1416	NGIRI-2023-17559	Ziauddin University, ZUFEST	North Nazimabad	Electrical Engineering	'Automatic power factor correction by Iot'
1417	NGIRI-2023-17693	Ziauddin University, ZUFEST	North Nazimabad	Biomedical Engineering	'Measurement of gait and spatial temporal parameters using wearable device. '
1418	NGIRI-2023-17980	Ziauddin University, ZUFEST	North Nazimabad	Software Engineering	'Automated plant health and Pest control system'
1419	NGIRI-2023-18611	Ziauddin University, ZUFEST	North Nazimabad	Software Engineering	'Text Analysis-Based Detection System for Cyberbullying on Social Media'
1420	NGIRI-2023-18613	Ziauddin University, ZUFEST	North Nazimabad	Software Engineering	'Detection and Tracking of Counterfeit Product using Blockchain and IOT'
1421	NGIRI-2023-19566	Ziauddin University, ZUFEST	North Nazimabad	Electrical	'Three D Concrete Printer'
1422	NGIRI-2023-19627	Ziauddin University, ZUFEST	North Nazimabad	Electrical	'Alert For Safety Violations: Detection of Personal Protective Equipment (PPE)'