

National Grassroot ICT Research Initiative (NGIRI) 2023-24

Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
1	NGIRI-2024-26725	Abasyn University	Peshawar	Computer Science	'Driver Drowsiness Detection and Alerting System'
2	NGIRI-2024-26737	Abasyn University	Peshawar	Computer Science	'Hybrid centralized voting system'
3	NGIRI-2024-26872	Abasyn University	Peshawar	Computer Science	'AI Traffic Warden'
4	NGIRI-2024-27951	Abasyn University	Peshawar	Computing and Technology	'TechBuilt Open School'
5	NGIRI-2024-28025	Abasyn University	Peshawar	Computer Science	'Plant disease Detection Using Image Processing and Machine Learning Techniques'
6	NGIRI-2024-28155	Abasyn University	Peshawar	Software Engineering	'Automating Electrical Distribution in Apartment Complex using IoT Systems'
7	NGIRI-2024-25342	Abbottabad University of Science And Technology	Havelian	Computer Science	'FYP Management Portal web based application'
8	NGIRI-2024-25365	Abbottabad University of Science And Technology	Havelian	Software Engineering	'ARTIFY'
9	NGIRI-2024-30046	Abbottabad University of Science And Technology	Havelian	Information Technology	'Construction Tracking App'
10	NGIRI-2024-30055	Abbottabad University of Science And Technology	Havelian	Computer Science	'Parental Controls Application for Mobile'
11	NGIRI-2024-30061	Abbottabad University of Science And Technology	Havelian	Computer Science & IT	'Smart drawing for Autistic kids'
12	NGIRI-2024-30127	Abbottabad University of Science And Technology	Havelian	Computer Science	'RetailFlow (Online Order booking Application)'
13	NGIRI-2024-30174	Abbottabad University of Science And Technology	Havelian	Computer Science	'Pak Lawyers Hub'
14	NGIRI-2024-23531	Air University	Kamra	Computer Science	'Image analysis for steganography'
15	NGIRI-2024-23582	Air University	Kamra	Computer Science	'Smart Helmet for accident detection and timely aid provision'
16	NGIRI-2024-23654	Air University	Islamabad	Computer Science	'Online Child Abuse Detection In Chats Using Natural Language Processing'
17	NGIRI-2024-23748	Air University	Islamabad	Electrical Engineering	'AUTONOMOUS DELIVERY DRONE'
18	NGIRI-2024-23766	Air University	Islamabad	Computer Science	'Cyber Quest'
19	NGIRI-2024-23773	Air University	Islamabad	Mechatronics Engineering	'Smart Chair for Patient Health Monitoring and Management'
20	NGIRI-2024-23820	Air University	Islamabad	Computer Engineering	'EEG Based Brain Controlled Keypad, Home automation, Devices and Robot'
21	NGIRI-2024-24037	Air University	Islamabad	Electrical Engineering	'Solar Powered Intelligent Stick for Navigating Visually Impaired Persons'
22	NGIRI-2024-24117	Air University	Islamabad	Software Engineering	'Smart Car Parking'
23	NGIRI-2024-24276	Air University	Islamabad	Mechanical Engineering	'Design and Development of a Smart Agrobot for Automated Weed Detection and Eradication Using AI Vision System and Robotics'
24	NGIRI-2024-24287	Air University	Islamabad	Electrical/Electronics Engineering	'Magnetic Levitation based technology for cars and trains'
25	NGIRI-2024-24312	Air University	Islamabad	Computer Science	'PakReliefRadar'
26	NGIRI-2024-24757	Air University	Islamabad	Biomedical Engineering	'3D printed Omnidirectional Soft Actuator for Biomedical Applications'
27	NGIRI-2024-25453	Air University	Kamra	Electrical Engineering	'Machine learning based modeling of power converter'
28	NGIRI-2024-25552	Air University	Islamabad	Electrical Engineering	'Water Distillation Plant Using Concentrated Solar'
29	NGIRI-2024-25878	Air University	Islamabad	Mechanical Engineering	'Design and Characterization of Tandem Wing UAV'
30	NGIRI-2024-26188	Air University	Kamra	Electrical Engineering	'Computer Vision-based Assistance System for the Visually Impaired People'
31	NGIRI-2024-26249	Air University	Kamra	Electrical Engineering	'An IoT integrated Solar Power Car Washing Station with Water recycling'
32	NGIRI-2024-26676	Air University	Kamra	Mechanical Engineering	'Design and development of a pick and place serial manipulator for a flexible manufacturing cell'
33	NGIRI-2024-26728	Air University	Kamra	Mechanical Engineering	'Design and development of magnetically coupled vectoral thruster for unmanned underwater vehicles Phase II'
34	NGIRI-2024-26877	Air University	Islamabad	Biomedical Engineering	'EGG MONITORING DEVICE WITH APP INTEGRATION FOR GASTRIC ARRHYTHMIAS DETECTION'
35	NGIRI-2024-26935	Air University	Kamra	Mechanical Engineering	'design and development of manipulator based on IoT'
36	NGIRI-2024-26982	Air University	Multan	Computer Science	Smart Home
37	NGIRI-2024-27049	Air University	Islamabad	Mechatronics Engineering	'Design and Fabrication of RoboVALET'

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S.No	FYP Code	University	Campus	Department	FYP Title
38	NGIRI-2024-27226	Air University	Islamabad	Biomedical Engineering	'Developing a Compact and Affordable 6-lead Patch ECG for Arrythmia Detection in Home Healthcare'
39	NGIRI-2024-27271	Air University	Islamabad	Electrical Engineering	'Cost-Effective Emergency Ventilator with Body Essentials Measurement '
40	NGIRI-2024-27345	Air University	Islamabad	Biomedical Engineering	'EMG Monitored Electrical Stimulation Based Drug Delivery System'
41	NGIRI-2024-27357	Air University	Kamra	Mechanical Engineering	'Development of Inspection Drone for SHM using ML and NDT'
42	NGIRI-2024-27666	Air University	Islamabad	Mechatronics Engineering	'Automatic Solar Panel Cleaning System'
43	NGIRI-2024-27681	Air University	Islamabad	Mechanical Engineering	'CV-based Path Planning and Motion Control of a Prototype Ground Based Robot'
44	NGIRI-2024-27759	Air University	Multan	Computer Science	'Decentralized Freelance Platform '
45	NGIRI-2024-27801	Air University	Multan	Computer Science	'SECURE HOME'
46	NGIRI-2024-27967	Air University	Kamra	Electrical Engineering	'Machine Learning Based Controller Design of Power Electronic Converters for Microgrid Application'
47	NGIRI-2024-28046	Air University	Islamabad	Mechatronics Engineering	'Design of high-rise facade cleaning robot'
48	NGIRI-2024-28751	Air University	Kamra	Computer Science	'IOT BASED GAS LEAKAGE DETECTION SYSTEM'
49	NGIRI-2024-28898	Air University	Kamra	Computer Science	'OCR-Based Conversion to Overcome Learning Disabilities using Deep Learning'
50	NGIRI-2024-29764	Air University	Multan	Computer Science	'Real-time Route Tracking System for Aumc.'
51	NGIRI-2024-29398	Al-Hamd Islamic University	Islamabad	Computer Science	'Hair and Scalp Disease detection system '
52	NGIRI-2024-29546	Al-Hamd Islamic University	Islamabad	Computer Science	'Understanding Byzantine Fault Tolerance Models in Consensus Algorithms: A Study of PoW, PoS, PoA, and PoV'
53	NGIRI-2024-30193	Al-Hamd Islamic University	Quetta	Computer Science	'Smart School Security System Using IOT '
54	NGIRI-2024-30210	Al-Hamd Islamic University	Quetta	Computer Science	'IoT Based Smart Waste Management System using Arduino'
55	NGIRI-2024-23388	Allama Iqbal Open University	Main	Computer Science	'Design and Development of Quadcopter base Crop Harvester.'
56	NGIRI-2024-25403	Allama Iqbal Open University	Main	Computer Science	'Gas Leakage Detection System'
57	NGIRI-2024-26726	Allama Iqbal Open University	Main	Computer Science	'PC watchtower '
58	NGIRI-2024-24427	Bacha Khan University	Main Campus	Computer Science	'Coal Mine Safety Monitoring and Alerting System'
59	NGIRI-2024-29096	Bacha Khan University	Main Campus	Computer Science	'IoT Based Safe Factory'
60	NGIRI-2024-29500	Bacha Khan University	Main Campus	Computer Science	'IoT Based Drinking Water Quality Monitoring'
61	NGIRI-2024-23445	Bahauddin Zakariya University	Main	Information Technology	'Tutor Finder App '
62	NGIRI-2024-24830	Bahauddin Zakariya University	Main	Mechanical Engineering	'Design and Development of a CPM Rehabilitation System for Enhanced Post-Surgical Joint Recovery of knee joint'
63	NGIRI-2024-24994	Bahauddin Zakariya University	Main	Computer Engineering	'Elevate Your Home with IoT and Wi-Fi-Based Innovation'
64	NGIRI-2024-25860	Bahauddin Zakariya University	Main	Computer Engineering	'SignScribe : Decoding ASL Finger spelling using Machine Learning '
65	NGIRI-2024-23278	Bahria University	Islamabad	Software Engineering	'IoT Based Smart Waste Management System'
66	NGIRI-2024-23312	Bahria University	Islamabad	Computer Engineering	'SignToText'
67	NGIRI-2024-23328	Bahria University	Islamabad	Electrical Engineering	'Specific Emitter Identification'
68	NGIRI-2024-23344	Bahria University	Islamabad	Electrical/Electronics Engineering	'AI on Edge FPGA based Neural Network Inference '
69	NGIRI-2024-23378	Bahria University	Islamabad	Computer Engineering	'Personality assessment through interactive engagement '
70	NGIRI-2024-23427	Bahria University	Lahore	Information Technology	'Personality Traits Assessment '
71	NGIRI-2024-23640	Bahria University	Islamabad	Electrical Engineering	'IoT Based Smart Helmet with Helmet to Helmet Communication'
72	NGIRI-2024-23683	Bahria University	Islamabad	Electrical Engineering	'Artificial Intelligence driven approach for Voltage Source Inverter in Renewable Energy Applications.'
73	NGIRI-2024-23701	Bahria University	Islamabad	Electrical Engineering	'Blockchain Based Smart Metering System'
74	NGIRI-2024-23711	Bahria University	Karachi	Electrical Engineering	'IoT Based Solar Powered Atmospheric Freshwater Generator'

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S.No	FYP Code	University	Campus	Department	FYP Title
75	NGIRI-2024-23736	Bahria University	Karachi	Information Technology	'Missings Finder'
76	NGIRI-2024-23805	Bahria University	Islamabad	Engineering and Sciences	'Radio Resource Management in V2X (Vehicle to Everything) Networks for 5G and beyond Communication'
77	NGIRI-2024-23929	Bahria University	Karachi	Electrical Engineering	' AI-BASED PLANT MONITORING SYSTEM FOR IDENTIFICATION OF DISEASES USING CDPDR'
78	NGIRI-2024-23930	Bahria University	Karachi	Electronics Engineering	'Design and development of hybrid exoskeletal glove'
79	NGIRI-2024-24036	Bahria University	Karachi	Electrical Power Engineering	'Iot Enabled Diesel Generator Monitoring and Control'
80	NGIRI-2024-24362	Bahria University	Karachi	Computer Engineering	'IoT Based Smart Trolley System'
81	NGIRI-2024-24364	Bahria University	Islamabad	Computer Engineering	'Arm Motion Replication Using EMG'
82	NGIRI-2024-24647	Bahria University	Karachi	Computer Engineering	'Vertical Glass Cleaning Robot for High Rised Buildings '
83	NGIRI-2024-24835	Bahria University	Lahore	Computer System	'Deep Leaf: AI-Powered Crop Disease Detection'
84	NGIRI-2024-24836	Bahria University	Lahore	Computer Science & IT	'FaceCast Vote: An innovative e-voting system'
85	NGIRI-2024-25087	Bahria University	Karachi	Information Technology	'CAMPUS TECH MATE'
86	NGIRI-2024-25209	Bahria University	Lahore	Computer Science	'Respiratory Disease Diagnosis and Management TOOL (RDM)'
87	NGIRI-2024-25369	Bahria University	Karachi	Computer Science	'AI Recruitment Assistant For HR Manager'
88	NGIRI-2024-25589	Bahria University	Lahore	Computer Science	'Predicting cardiovasular diseases'
89	NGIRI-2024-25671	Bahria University	Karachi	Computer Science	'IRIS AI Based Surveillance System'
90	NGIRI-2024-26173	Bahria University	Lahore	Computer Science & IT	'Digital Disease Diagnosis'
91	NGIRI-2024-26174	Bahria University	Lahore	Computer Science & IT	'Autism Companion: Chat-based Support'
92	NGIRI-2024-26212	Bahria University	Islamabad	Computer Science	'NeuroScanAI: Segmentation and 3D Reconstruction of Medical Images for Immersive Neuro Analysis'
93	NGIRI-2024-26255	Bahria University	Karachi	Computer Science & IT	'Stitch Ease'
94	NGIRI-2024-26329	Bahria University	Islamabad	Software Engineering	'Visual Studio Fault prediction Addon'
95	NGIRI-2024-26336	Bahria University	Lahore	Computer Science	'Interactive Educational Application in Odontogenic Oral Pathology'
96	NGIRI-2024-26365	Bahria University	Lahore	Information Technology	'Medi Assist (Web base application and recommendation system)'
97	NGIRI-2024-26397	Bahria University	Lahore	Computer Science & IT	'Web Application firewall Development Using Deep Learning'
98	NGIRI-2024-26409	Bahria University	Lahore	Computer Science	'Investigation os Machine Learning Methods for Alzheimer and Mental Health '
99	NGIRI-2024-26412	Bahria University	Lahore	Information Technology	'GILGITGHOOO'
100	NGIRI-2024-26455	Bahria University	Karachi	Information Technology	'Quick Check Shop Ease'
101	NGIRI-2024-26518	Bahria University	Islamabad	Software Engineering	'Story Gennie'
102	NGIRI-2024-26554	Bahria University	Karachi	Electrical	'EV NAV: Electric Vehicle Smart Companion App'
103	NGIRI-2024-26555	Bahria University	Islamabad	Computer Science	'EYE TRACKER FOR FORMATIVE ASSESSMENTS'
104	NGIRI-2024-26589	Bahria University	Islamabad	Computer Engineering	'lungs disease detection system'
105	NGIRI-2024-26775	Bahria University	Karachi	Electrical Engineering	'Automated Traffic Control System For Emergency Vehicle'
106	NGIRI-2024-26907	Bahria University	Lahore	Information Technology	'Quickart'
107	NGIRI-2024-27033	Bahria University	Islamabad	Software Engineering	'CricAI'
108	NGIRI-2024-27150	Bahria University	Islamabad	Computer Science & IT	'SMART PREPAID ELECTRICITY METER'
109	NGIRI-2024-27309	Bahria University	Karachi	Information Technology	'IoT BASED REAL TIME BODY VITALS MONITORY'
110	NGIRI-2024-28363	Bahria University	Islamabad	Computer Science	'CrystalEye Data Analysis Tool'
111	NGIRI-2024-28895	Bahria University	Islamabad	Computer Science	'Virtual Diabetologist'
112	NGIRI-2024-29342	Bahria University	Karachi	Electrical Engineering	'A unitized charging and discharging of Battery management system'

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S.No	FYP Code	University	Campus	Department	FYP Title
113	NGIRI-2024-25045	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Civil Engineering	'Implementation of Smart Irrigation System Design and Sustainable Water Management for Baluchistan'
114	NGIRI-2024-26988	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Electronics Engineering	'Automatic Destructive Pest Control System for Agriculture Field '
115	NGIRI-2024-27462	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Electronics Engineering	'Development of Advanced Health Monitoring System Using Modern Technology'
116	NGIRI-2024-28107	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Civil Engineering	'To produce porous concrete by using waste marble stones '
117	NGIRI-2024-28131	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Computer System Engineering	'Real-time vehicle Overspeeding,plate recognition & facial recognition by using AI powered analytical tools for Buett'
118	NGIRI-2024-28170	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Mechanical Engineering	'Design of Archimedes Micro Screw Power Generator for Mula River Khuzdar'
119	NGIRI-2024-28213	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Computer System Engineering	'Water surface waste cleaning machine controlled by smart phone'
120	NGIRI-2024-28231	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Energy System Engineering	'Hybrid Solar Cooker'
121	NGIRI-2024-28350	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Software Engineering	'Development of a voice assistant for Urdu language using Natural Language Processing'
122	NGIRI-2024-28493	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Electrical Engineering	'Design a PID Controller for VTOL System'
123	NGIRI-2024-28744	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Civil Engineering	'Application of Spring/Link Elements to Determine the Response of Modular Steel Buildings Under Lateral Loading'
124	NGIRI-2024-28807	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Software Engineering	'Brain-Controlled Wheelchair using Macrotellect BrainLink Lite EEG Headset V2.0.'
125	NGIRI-2024-28810	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Computer System Engineering	'IOT Based Smart Mirror'
126	NGIRI-2024-28937	Balochistan University of Engineering and Technology, Khuzdar	Khuzdar	Computer System Engineering	'AI Mentor'
127	NGIRI-2024-24473	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Engineering	'Smart Thermoelectric Air Conditioner (STEAC)'
128	NGIRI-2024-24492	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Information Technology	'SignCom: Revolutionizing Video Communication with Specially-Abled People.'
129	NGIRI-2024-24743	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Engineering	'An Efficient Lawn Watering System '
130	NGIRI-2024-25032	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Engineering	'Automated Plastic Material Sorting System'
131	NGIRI-2024-25073	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electronics Engineering	'Skin Disease Detection Using Deep Learning Technique'
132	NGIRI-2024-25261	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Engineering	'Applying Sequential Model for Currency Price Predictions'
133	NGIRI-2024-25489	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electronics Engineering	'Human Curiosity inspired learning of Exploratory Algorithm in mobile robot with depth images'
134	NGIRI-2024-26505	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Software Engineering	'DEALOCK Mobile Application that Connects Entrepreneurs and Investors '
135	NGIRI-2024-26603	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Software Engineering	'Smart Face Recognition System for Enhanced Security and Access Control'
136	NGIRI-2024-26998	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Computer Science	'Real time emotion detection system using facial features for e based learning platforms'
137	NGIRI-2024-28091	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Software Engineering	'MUSIC BEAT DETECTION IN INDIAN CLASSICAL MUSIC '
138	NGIRI-2024-28826	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electrical Engineering	'A comparative analysis of MPPT algorithms for the climatic conditions of Quetta, Pakistan.'
139	NGIRI-2024-29209	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Information Technology	'ShiftChat'
140	NGIRI-2024-29330	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Information & Communication Technology	'Noble Share Welfare'
141	NGIRI-2024-29804	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Electrical Engineering	'Design of smart IOT based fruit Supply Chain. '
142	NGIRI-2024-30005	Balochistan University of Information Technology, Engineering & Management Sciences	Quetta	Information Technology	'perishable items transportation'
143	NGIRI-2024-23500	Beaconhouse National University	Lahore	Computer Science & IT	'SocialSense'
144	NGIRI-2024-23529	Beaconhouse National University	Lahore	Computer Science & IT	'Thriftn '
145	NGIRI-2024-23571	Beaconhouse National University	Lahore	Computer Science & IT	'Command Control Monitor '
146	NGIRI-2024-23641	Beaconhouse National University	Lahore	Computer Science & IT	'ShotSense'
147	NGIRI-2024-23825	Beaconhouse National University	Lahore	Computer Science	'Phishing detection '
148	NGIRI-2024-25423	Beaconhouse National University	Lahore	Software Engineering	'SaafPakistan'
149	NGIRI-2024-25459	Beaconhouse National University	Lahore	Computer Science	'BloodMate'

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S.No	FYP Code	University	Campus	Department	FYP Title
150	NGIRI-2024-25882	Beaconhouse National University	Lahore	Software Engineering	'Crafty Canvas'
151	NGIRI-2024-26078	Beaconhouse National University	Lahore	Computer Science	'Demand Forecasting System'
152	NGIRI-2024-23991	Begum Nusrat Bhutto Women University	Main	Information & Communication Technology	'Emotion-Based Categorization of Song Lyrics Using Natural Language Processing'
153	NGIRI-2024-24131	Begum Nusrat Bhutto Women University	Main	Information & Communication Technology	'Deep Learning Based Auto Vegetables and Fruits Seeds Classification System'
154	NGIRI-2024-24621	Begum Nusrat Bhutto Women University	Main	Information & Communication Technology	'AI powered QEC support system for auto categorization of students feedback'
155	NGIRI-2024-27518	Begum Nusrat Bhutto Women University	Main	Information & Communication Technology	'Plant classification on the basis of leaves '
156	NGIRI-2024-24993	Benazir Bhutto Shaheed University	Karachi	Computer Science & IT	'Markerless Interior Room Design'
157	NGIRI-2024-25068	Benazir Bhutto Shaheed University	Karachi	Computer Science & IT	'AI-based Makeup Suggestions for a particular type of makeup '
158	NGIRI-2024-28494	Benazir Bhutto Shaheed University	Karachi	Information Technology	'Cash Panda'
159	NGIRI-2024-28512	Benazir Bhutto Shaheed University	Karachi	Computer Science & IT	Stitchify NFC-INTEGRATED ONLINE TAILORING MANAGEMENT SYSTEM
160	NGIRI-2024-28627	Benazir Bhutto Shaheed University	Karachi	Computer Science & IT	'OCR URDU text convert into excel file'
161	NGIRI-2024-28710	Benazir Bhutto Shaheed University	Karachi	Information Technology	'Auto Vehicle App Using Machine Learning (ML)'
162	NGIRI-2024-23657	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Mechanical Engineering	'Solar Powered Mechanical Ventilator For Emergency'
163	NGIRI-2024-23997	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Electrical Engineering	'Design and development of pesticide agriculture drone system'
164	NGIRI-2024-26945	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Electrical Engineering	'IOT Based Three Phase Transformer Health Monitoring System at Distribution Side '
165	NGIRI-2024-27455	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Mechanical Engineering	'Converting Waste Heat from Motorbike Silencers into Electricity By Using Thermoelectric Generator '
166	NGIRI-2024-27465	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Mechanical Engineering	'Development of Solar Powered Hydrphonic Production for Livestock applications'
167	NGIRI-2024-27485	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Mechanical Engineering	'The small scale incinerator'
168	NGIRI-2024-28181	Benazir Bhutto Shaheed University of Technology & Skill Development	Main	Electronics Engineering	'design and develop of smart air quality monitoring system'
169	NGIRI-2024-23753	Capital University of Science and Technology	Main	Computer Science	'Bridging Social Sentiment'
170	NGIRI-2024-23756	Capital University of Science and Technology	Main	Computer Science	'Ai based Farmer Marketplace'
171	NGIRI-2024-23880	Capital University of Science and Technology	Main	Electrical Engineering	'Autonomous Robotic Arm for Pick and Place object using real time Image Processing'
172	NGIRI-2024-23893	Capital University of Science and Technology	Main	Electrical Engineering	'EPIDSI - ENHANCED PALM IDENTIFICATION WITH DOCUMENT SCANNER IMAGERY'
173	NGIRI-2024-24412	Capital University of Science and Technology	Main	Electrical Engineering	'ARGO-SENSE NON-GREENHOUSE SMART HYDROPONICS SYSTEM FOR SOILLESS LEAFY VEGETABLE PLANTS'
174	NGIRI-2024-24514	Capital University of Science and Technology	Main	Mechanical Engineering	'Design and development of Back Support System for maintaining Spinal health'
175	NGIRI-2024-24934	Capital University of Science and Technology	Main	Mechanical Engineering	'Design and development of weed detection and removal agricultural robot '
176	NGIRI-2024-24983	Capital University of Science and Technology	Main	Mechanical Engineering	'Design and fabrication of stair climbing mechanism to lift load over stairs'
177	NGIRI-2024-25125	Capital University of Science and Technology	Main	Mechanical Engineering	'Feedback Controlled Electromagnetic Vibration Damping of a Ferromagnetic Flexible Cantilever Beam'
178	NGIRI-2024-25263	Capital University of Science and Technology	Main	Software Engineering	'DataWhiz An Automated Tool for Data Analysis '
179	NGIRI-2024-28054	Capital University of Science and Technology	Main	Computer Science	'Speech to knowledgebase convertor'
180	NGIRI-2024-28377	Capital University of Science and Technology	Main	Computer Science	'Speed Quest'
181	NGIRI-2024-29484	Capital University of Science and Technology	Main	Electrical Engineering	'Design and Implementation of a Wearable Device for Tremors Suppression'
182	NGIRI-2024-26720	CECOS University of IT & Emerging Sciences	Peshawar	Civil Engineering	'Prediction Model For contractor Bid price using Machine Learning Approach'
183	NGIRI-2024-26874	CECOS University of IT & Emerging Sciences	Peshawar	Civil Engineering	'INDUSTRY 4.0- INTEGRATED DIGITAL PLATFORM SOLUTION FOR ALLEVIATING TYPICAL PROCUREMENT CHALLENGES IN CONSTRUCTION SECTOR OF PAKISTAN '
184	NGIRI-2024-27105	CECOS University of IT & Emerging Sciences	Peshawar	Mechanical Engineering	'Design And Fabrication Of Smart Inter Venular Injecting And Vein Detection Device'

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185	NGIRI-2024-27248	CECOS University of IT & Emerging Sciences	Peshawar	Computer Science	'WEB Three MarketPlace'
186	NGIRI-2024-27391	CECOS University of IT & Emerging Sciences	Peshawar	Mechanical Engineering	'Solar and wind powered range extender for EVs'
187	NGIRI-2024-27433	CECOS University of IT & Emerging Sciences	Peshawar	Mechanical Engineering	'Design And Fabrication Of Smart Helmet '
188	NGIRI-2024-28125	CECOS University of IT & Emerging Sciences	Peshawar	Bio-Informatics	'In-Silico Identification of Potential therapeutic Agents Targeting mark cell Polyomavirus Large T Antigen using Ligand based Pharmacophorel polymavirus mapping & Virtual drugg ability screeningof MCPyV LTA and sTA Antigens: Understanding their Impact on Tumor Suppressor Pathways in Merkel Cell Carcinoma and pharmacophore mapping'
189	NGIRI-2024-28360	CECOS University of IT & Emerging Sciences	Peshawar	Electrical Engineering	'Arduino base low cost long range transmitter and receiver for UAVs '
190	NGIRI-2024-28555	CECOS University of IT & Emerging Sciences	Peshawar	Civil Engineering	'Towards sustainable Construction Proposing Retrofit Measures to Transform CECOS University Building To Net Zero Energy and Net Zero Water Building'
191	NGIRI-2024-28566	CECOS University of IT & Emerging Sciences	Peshawar	Bio-Informatics	'In-silico-predictions of Psoriasisinâ€™s molecular interaction with benzoquinone and their respective pharmacodynamics'
192	NGIRI-2024-28733	CECOS University of IT & Emerging Sciences	Peshawar	Civil Engineering	'Comparative Analysis of Traditional and 4D scheduling '
193	NGIRI-2024-29445	CECOS University of IT & Emerging Sciences	Peshawar	Software Engineering	'DreamHome '
194	NGIRI-2024-29475	CECOS University of IT & Emerging Sciences	Peshawar	Computer Science	'Control Arduino car with Smart Phone\'s Bluetooth (flutter App) '
195	NGIRI-2024-30168	CECOS University of IT & Emerging Sciences	Peshawar	Computer Science	'bilingual virtual doctor'
196	NGIRI-2024-23380	City University of Science & Information Technology	Peshawar	Electrical Power Engineering	'SMART FACE RECOGNITION BASED DOOR LOCK SYSTEM USING RASPBERRY PI '
197	NGIRI-2024-23689	City University of Science & Information Technology	Peshawar	Electrical Power Engineering	'Implementation of Three Axis DIY CNC Router Machine'
198	NGIRI-2024-25729	City University of Science & Information Technology	Peshawar	Electrical Engineering	'Brain Controlled Human Computer Interaction '
199	NGIRI-2024-25824	City University of Science & Information Technology	Peshawar	Electrical Engineering	'Plant Disease Detection Using Image Processing '
200	NGIRI-2024-26447	City University of Science & Information Technology	Peshawar	Computer Science	'Bidding Bartering Buying and Selling Web Application'
201	NGIRI-2024-26539	City University of Science & Information Technology	Peshawar	Computer Science	'Public Health Point PHP'
202	NGIRI-2024-27211	City University of Science & Information Technology	Peshawar	Computer Science	'Green energy engineering Management system'
203	NGIRI-2024-27392	City University of Science & Information Technology	Peshawar	Computer Science & IT	'Guide Bot For Historical places in Pakistan '
204	NGIRI-2024-23257	COMSATS University of Information Technology	Attock	Computer Engineering	'Optimizing Data Transfer in Hospitals using LiFi Technology'
205	NGIRI-2024-23299	COMSATS University of Information Technology	Lahore	Computer Engineering	'Machine Learning based Intrusion Detection System for Internet of Medical Things'
206	NGIRI-2024-23323	COMSATS University of Information Technology	Sahiwal	Electrical Engineering	'Efficient Control and Distribution of Solar Plant Output using PLC Technology'
207	NGIRI-2024-23340	COMSATS University of Information Technology	Abbottabad	Electrical Power Engineering	'Footstep Power Generation'
208	NGIRI-2024-23437	COMSATS University of Information Technology	Main	Electrical Engineering	'Ai based sentry bot'
209	NGIRI-2024-23490	COMSATS University of Information Technology	Attock	Computer Engineering	'Intelligent Frozen Gait monitoring using Software Defined Radio Frequency Sensing'
210	NGIRI-2024-23543	COMSATS University of Information Technology	Wah	Computer Science	'Crop X'
211	NGIRI-2024-23635	COMSATS University of Information Technology	Lahore	Computer Engineering	'Integrating BCI and AI Models for Enhanced Robotic Arm Control'
212	NGIRI-2024-23644	COMSATS University of Information Technology	Lahore	Computer Science	'QUBIT'
213	NGIRI-2024-23779	COMSATS University of Information Technology	Attock	Computer Engineering	'Enhancing Airport security using Intelligent Non-contact Radio Frequency Sensing'
214	NGIRI-2024-23795	COMSATS University of Information Technology	Attock	Electrical Engineering	'Enhancing Home Comfort with an Artificial Intelligence based Environmental Control Model'
215	NGIRI-2024-23799	COMSATS University of Information Technology	Sahiwal	Mechanical Engineering	'Design and Investigation of Hybrid Solar Cooker '
216	NGIRI-2024-23904	COMSATS University of Information Technology	Lahore	Computer Engineering	'Leveraging the Edge to Cloud Continuum for Scalable Machine Learning on Decentralized Data'
217	NGIRI-2024-23971	COMSATS University of Information Technology	Lahore	Electrical/Electronics Engineering	'Sentiment Detection Using IoT and Machine Learning'
218	NGIRI-2024-23993	COMSATS University of Information Technology	Sahiwal	Electrical Engineering	'Voice Controlled Humanoid Robot'

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S.No	FYP Code	University	Campus	Department	FYP Title
219	NGIRI-2024-24038	COMSATS University of Information Technology	Abbottabad	Electrical/Electronics Engineering	'AI based Brain State Recognition'
220	NGIRI-2024-24100	COMSATS University of Information Technology	Abbottabad	Electrical Power Engineering	'Self excited Induction Generator using dual rotor counter rotation principle'
221	NGIRI-2024-24111	COMSATS University of Information Technology	Lahore	Electrical/Electronics Engineering	'AI based Rice Cultivaton Robot'
222	NGIRI-2024-24140	COMSATS University of Information Technology	Abbottabad	Electrical/Electronics Engineering	'GSM Based Smart Circuit Breaker Integrated With Auto Recloser Mechanism'
223	NGIRI-2024-24386	COMSATS University of Information Technology	Abbottabad	Electrical/Electronics Engineering	'AI based Self Driving Car'
224	NGIRI-2024-24405	COMSATS University of Information Technology	Wah	Electrical Engineering	'Grid Fusion AI based SaaS technology for national grid system '
225	NGIRI-2024-24591	COMSATS University of Information Technology	Abbottabad	Electrical Power Engineering	'Real Time Monitoring for Transformer based on IoT'
226	NGIRI-2024-24965	COMSATS University of Information Technology	Attock	Computer Science	'Developing A Chatbot To Increase Candidates Awareness'
227	NGIRI-2024-25111	COMSATS University of Information Technology	Wah	Electrical Power Engineering	'Design and Implementation of Plug and play voltage and frequency regulator'
228	NGIRI-2024-25130	COMSATS University of Information Technology	Abbottabad	Computer Engineering	'A Robust AI Based Crop Monitoring System for Pakistan agricultural land'
229	NGIRI-2024-25205	COMSATS University of Information Technology	Wah	Civil Engineering	'Prediction of Streamflow Using Artificial Intelligence'
230	NGIRI-2024-25298	COMSATS University of Information Technology	Abbottabad	Electronics Engineering	'Medical Image Computing On Edge'
231	NGIRI-2024-25366	COMSATS University of Information Technology	Abbottabad	Electrical Power Engineering	'Design Analysis and Condition Monitoring of BLDC Motor using AI'
232	NGIRI-2024-25402	COMSATS University of Information Technology	Attock	Electrical Engineering	'Design and Development of Surveillance Spy Dog Robot'
233	NGIRI-2024-25405	COMSATS University of Information Technology	Attock	Electrical Engineering	'IoT Based Smart Irrigation System using Robotic Vehicle'
234	NGIRI-2024-25411	COMSATS University of Information Technology	Wah	Electrical Engineering	'Three Dimensional Numerically Controlled Motor Platform for measurement of magnetic field'
235	NGIRI-2024-25660	COMSATS University of Information Technology	Main	Computer Engineering	'Epilepsy Wearables and Fits Detection '
236	NGIRI-2024-25683	COMSATS University of Information Technology	Main	Computer Science	'Signify'
237	NGIRI-2024-25706	COMSATS University of Information Technology	Main	Computer Science	'NextGen-ASM'
238	NGIRI-2024-25750	COMSATS University of Information Technology	Wah	Computer Science	'Frui-Vegi Invoice Genie@The Automated Fruit vegetable invoice generator'
239	NGIRI-2024-25761	COMSATS University of Information Technology	Abbottabad	Computer Science	'IoT based cattle activity monitoring system predictive analytics '
240	NGIRI-2024-25868	COMSATS University of Information Technology	Lahore	Electrical Engineering	'Design and Development of Electric Quad Bike'
241	NGIRI-2024-25942	COMSATS University of Information Technology	Lahore	Computer Science	'Archentra'
242	NGIRI-2024-26107	COMSATS University of Information Technology	Lahore	Electrical Engineering	'Railway Crossing Security System using artificial intelligence'
243	NGIRI-2024-26278	COMSATS University of Information Technology	Sahiwal	Mechanical Engineering	'Investigation of mechanical Properties of 3D printed parts using Stereolithography (SLA) '
244	NGIRI-2024-26427	COMSATS University of Information Technology	Main	Computer Engineering	'Design and Implementation of an IoT based gas leakage detection and fire protection'
245	NGIRI-2024-26459	COMSATS University of Information Technology	Wah	Computer Science	'SentiVision'
246	NGIRI-2024-26497	COMSATS University of Information Technology	Sahiwal	Electrical Engineering	'A modified control strategy for seamless switching of virtual synchronous generator-based inverter using frequency, phase, and voltage regulation'
247	NGIRI-2024-26581	COMSATS University of Information Technology	Lahore	Electrical Engineering	'Design and development of integrated smart bicycle charging and rental system'
248	NGIRI-2024-26601	COMSATS University of Information Technology	Wah	Mechanical Engineering	'Cyclone Spray Dehydrator For Saturated Crystals'
249	NGIRI-2024-26606	COMSATS University of Information Technology	Sahiwal	Mechanical Engineering	'Autonomous Robotic Farming for Enhanced Crop Harvesting in Tunnel Farming'
250	NGIRI-2024-26669	COMSATS University of Information Technology	Wah	Mechanical Engineering	'Blended wing VTOL agricultural drone optimizing flight time for efficient crop productivity and police use for tear gas shelling '
251	NGIRI-2024-26684	COMSATS University of Information Technology	Main	Electrical Engineering	'Binarized Neural Network for Digit Recognition on FPGA'
252	NGIRI-2024-26690	COMSATS University of Information Technology	Wah	Mechanical Engineering	'Improving Energy Performance of Household Refrigerator By Incorporating Phase Change Materials (PCMs) '
253	NGIRI-2024-26768	COMSATS University of Information Technology	Main	Electrical Engineering	'Four-Dimensional (4D) Flow MRI Reconstruction using Advance MRI Algorithms'
254	NGIRI-2024-26811	COMSATS University of Information Technology	Main	Electrical/Electronics Engineering	'Super Resolution in MRI'

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S.No	FYP Code	University	Campus	Department	FYP Title
255	NGIRI-2024-26833	COMSATS University of Information Technology	Main	Computer Engineering	'Four-dimensional (4D) flow MRI Reconstruction using Hardware Accelerators'
256	NGIRI-2024-26861	COMSATS University of Information Technology	Sahiwal	Mechanical Engineering	'Design And Development Of CNC Laser Engraver Machine'
257	NGIRI-2024-26924	COMSATS University of Information Technology	Vehari	Software Engineering	'Microvasculature structure segmentation from human kidney images using Machine Learning'
258	NGIRI-2024-27001	COMSATS University of Information Technology	Main	Computer Science	'StudentThreeSixty'
259	NGIRI-2024-27090	COMSATS University of Information Technology	Wah	Mechanical Engineering	'Air flow analysis through lungs using CFD'
260	NGIRI-2024-27115	COMSATS University of Information Technology	Main	Electrical/Electronics Engineering	'MODELLING AND CONTROL OF SIX DEGREE OF FREEDOM ANTHROPOMORPHIC ROBOTIC MANIPULATOR'
261	NGIRI-2024-27213	COMSATS University of Information Technology	Main	Computer Science	'PRISM'
262	NGIRI-2024-27278	COMSATS University of Information Technology	Abbottabad	Electrical/Electronics Engineering	'Parameter Estimation for imprved electric vehicle performances in cooperation of lot features '
263	NGIRI-2024-27358	COMSATS University of Information Technology	Wah	Computer Science	'Assistive Technology for Human Computer Interaction'
264	NGIRI-2024-27376	COMSATS University of Information Technology	Attock	Electrical Engineering	'Machine Learning Based Skin Tumor Detection and Intervention Using Robotic Arm'
265	NGIRI-2024-27440	COMSATS University of Information Technology	Lahore	Computer Science	'Emergency Manager'
266	NGIRI-2024-27534	COMSATS University of Information Technology	Main	Energy System Engineering	'Transition-Metal Dichalcogenides and Graphene Composites as Anode Material for lithium ion batteries'
267	NGIRI-2024-27746	COMSATS University of Information Technology	Lahore	Electrical Engineering	'Application controlled solar charged electric vehicle'
268	NGIRI-2024-27821	COMSATS University of Information Technology	Main	Bio-Informatics	'Mapping of safe groundwater '
269	NGIRI-2024-27832	COMSATS University of Information Technology	Main	Bio-Informatics	'Baseline data to access the health status of people living near nalalai in twin cities'
270	NGIRI-2024-27912	COMSATS University of Information Technology	Abbottabad	Electrical Engineering	'Auto power switching for distribution board '
271	NGIRI-2024-28049	COMSATS University of Information Technology	Abbottabad	Electrical Engineering	'Automation Substation '
272	NGIRI-2024-28050	COMSATS University of Information Technology	Main	Electronics	'Revolutionizing Automation through Wireless Gesture-Controlled Robotic Arm'
273	NGIRI-2024-28206	COMSATS University of Information Technology	Main	Electronics	'resistive switching memory devices based on graphene oxide embedded in Polymethyl Methacrylate '
274	NGIRI-2024-28220	COMSATS University of Information Technology	Main	Electronics	'Fabrication of solar cells based on Fe2+ doped CsPbCl3'
275	NGIRI-2024-28223	COMSATS University of Information Technology	Sahiwal	Electrical Engineering	'Real time automated fault detection of under ground power cables and instant messaging system for proactive maintenance and reduce downtime and provide safety'
276	NGIRI-2024-28245	COMSATS University of Information Technology	Main	Electrical	'AI based real time human activity recognition using 5G spectrum'
277	NGIRI-2024-28310	COMSATS University of Information Technology	Main	Computer Engineering	'FPGA Based NOC Driven Architecture to Accelerate Real Time Cardiac MRI'
278	NGIRI-2024-28353	COMSATS University of Information Technology	Main	Electrical Engineering	'IOT Based Automatic Vehicle Accident Detection and Rescue System '
279	NGIRI-2024-28481	COMSATS University of Information Technology	Main	Computer & Information System Engineering	'MedTalk '
280	NGIRI-2024-28543	COMSATS University of Information Technology	Main	Electrical/Electronics Engineering	'Smart water tank'
281	NGIRI-2024-28589	COMSATS University of Information Technology	Lahore	Computer Engineering	'A Digital Twin-Based Implementation of Intelligent Goat Health Monitoring System'
282	NGIRI-2024-28724	COMSATS University of Information Technology	Main	Computer Science & IT	'DeViATor'
283	NGIRI-2024-28799	COMSATS University of Information Technology	Wah	Electrical Engineering	'Charging and Battery Management System for Electric Vehicle Level 2 Mennekes Charger'
284	NGIRI-2024-28841	COMSATS University of Information Technology	Lahore	Electrical Power Engineering	'Development of ElectroMechanical Training System Using Four Quadrant Dynamometer'
285	NGIRI-2024-29103	COMSATS University of Information Technology	Main	Bio-Informatics	'Bio Inspired Memory Device'
286	NGIRI-2024-29425	COMSATS University of Information Technology	Abbottabad	Computer Science	'Ai Brain Tumor Classification in MRI'
287	NGIRI-2024-29557	COMSATS University of Information Technology	Main	Electronics	'Photodetectors formation using PbS nanoflakes'
288	NGIRI-2024-29681	COMSATS University of Information Technology	Lahore	Computer Science	'Pakistani Sign Language Translator'
289	NGIRI-2024-29810	COMSATS University of Information Technology	Attock	Computer Science	'AUGMENTED REALITY APP FOR COMSATS ATTOCK CAMPUS'
290	NGIRI-2024-30012	COMSATS University of Information Technology	Wah	Electrical Engineering	'Real Time Digital Text to Braille Translator'

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S.No	FYP Code	University	Campus	Department	FYP Title
291	NGIRI-2024-30064	COMSATS University of Information Technology	Attock	Computer Science	'A Deep Guard Application for Unveiling Synthetic Content in Visual Media'
292	NGIRI-2024-23311	Dawood University of Engineering and Technology	Main	Telecom Engineering	'Development of a Frequency-Based Device for Repelling Crop-Damaging Insects '
293	NGIRI-2024-23338	Dawood University of Engineering and Technology	Main	Electronics Engineering	'Development of Inline Classification System for Plywood Sheets at Auto Circular Machine'
294	NGIRI-2024-24441	Dawood University of Engineering and Technology	Main	Computer System Engineering	'A Federated Deep Learning Approach to Lung Cancer Detection Model'
295	NGIRI-2024-24469	Dawood University of Engineering and Technology	Main	Electronics Engineering	'Smart Tea Maker'
296	NGIRI-2024-24507	Dawood University of Engineering and Technology	Main	Computer System Engineering	'Internet of Robots Cloud based Remote Control and Monitoring System'
297	NGIRI-2024-25476	Dawood University of Engineering and Technology	Main	Energy System Engineering	'Utilization of selected organic waste for the production of bioplastic'
298	NGIRI-2024-25835	Dawood University of Engineering and Technology	Main	Telecom Engineering	'IoT-Based Wireless Sensor Network (WSN) System to Detect Forest Fires'
299	NGIRI-2024-25858	Dawood University of Engineering and Technology	Main	Computer System Engineering	'DEEP LEARNING METHOD FOR PREDICTION OF CARDIOVASCULAR DISEASE USING CONVOLUTIONAL NEURAL NETWORK'
300	NGIRI-2024-26604	Dawood University of Engineering and Technology	Main	Computer Science	'D Bus Tracking and Monitoring System ' '
301	NGIRI-2024-26821	Dawood University of Engineering and Technology	Main	Computer Science	'IoT Based Dual Purpose Atmospheric Monitoring System'
302	NGIRI-2024-26969	Dawood University of Engineering and Technology	Main	Electronics Engineering	'Smart Auscultation for real time interpretation of cardiac abnormalities'
303	NGIRI-2024-26978	Dawood University of Engineering and Technology	Main	Computer System Engineering	'Enhancing Healthcare Efficiency: AI-Based ICD-10 Coding for Disease Classification'
304	NGIRI-2024-27234	Dawood University of Engineering and Technology	Main	Electronics Engineering	'Fabric Defect Detection by Using Computer Vision'
305	NGIRI-2024-27620	Dawood University of Engineering and Technology	Main	Electronics	'Non Invasive Glucometer'
306	NGIRI-2024-27815	Dawood University of Engineering and Technology	Main	Telecom Engineering	'Design and Implementation of a Transceiver For Underwater Optical Wireless Communication ' '
307	NGIRI-2024-27825	Dawood University of Engineering and Technology	Main	Computer Science	'Artificial Neural Vision'
308	NGIRI-2024-28574	Dawood University of Engineering and Technology	Main	Computer Science	'AI based Intruder and Robbery Detection System'
309	NGIRI-2024-29699	Dawood University of Engineering and Technology	Main	Energy System Engineering	'Valorization of organic Potential from Buffalo Manure for Biocrude Production using Hydrothermal Liquefaction'
310	NGIRI-2024-30264	Dawood University of Engineering and Technology	Main	Electronics	'Condition Monitoring for a Bleaching Dosing System'
311	NGIRI-2024-24413	DHA Suffa University	Main	Computer Science	'Scent Sense'
312	NGIRI-2024-24555	DHA Suffa University	Main	Electrical Engineering	'Design and Development of 5-Level Inverter with Optimized Switching Angles'
313	NGIRI-2024-24584	DHA Suffa University	Main	Mechanical Engineering	'Design and Fabrication of Electrostatic Separator for Recycling of Materials'
314	NGIRI-2024-25417	DHA Suffa University	Main	Computer System	'Deep Learning Approach For Detection Of Diabetic Retinopathy'
315	NGIRI-2024-25826	DHA Suffa University	Main	Mechanical Engineering	'Design and Development of Football Launching Machine'
316	NGIRI-2024-26186	DHA Suffa University	Main	Computer Science	Community Based Water Quality Monitoring System
317	NGIRI-2024-26700	DHA Suffa University	Main	Civil Engineering	'PERFORMANCE EVALUATION AND COMPACTION ANALYSIS OF SUSTAINABLE SOIL STABILIZATION PROCESS USING WASTE MATERIALS'
318	NGIRI-2024-27583	DHA Suffa University	Main	Computer Science	'Smart Irrigation System And Crop Prediction'
319	NGIRI-2024-27644	DHA Suffa University	Main	Mechanical Engineering	'Design and Fabrication of Photovoltaic Powered Reverse Osmosis Desalination System'
320	NGIRI-2024-27806	DHA Suffa University	Main	Mechanical Engineering	'Design and Manufacturing of a modular Hydroponic System for Urban Settings'
321	NGIRI-2024-29185	DHA Suffa University	Main	Computer Science	'GPS Mobile application ' '
322	NGIRI-2024-29568	FATA University	Main	Computer Science	'Expenses Manager ' '
323	NGIRI-2024-29644	FATA University	Main	Computer System	'Radar system in IoT ' '
324	NGIRI-2024-29854	FATA University	Main	Computer Science	'Driver Sleep Detection System'
325	NGIRI-2024-29875	FATA University	Main	Computer Science	'Home Security system ' '
326	NGIRI-2024-29904	FATA University	Main	Computer Science	'smart plant monitoring'
327	NGIRI-2024-23653	Fatima Jinnah Women University	Main	Computer Science	'FitKid Child Fitness Monitoring App'

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S.No	FYP Code	University	Campus	Department	FYP Title
328	NGIRI-2024-27231	Fatima Jinnah Women University	Main	Software Engineering	'Development of an Artificial Intelligence based Mental Health Support and Counseling Application by Using Electroencephalography Signals'
329	NGIRI-2024-27237	Fatima Jinnah Women University	Main	Software Engineering	'Design of a Machine Learning based Communication Platform with Real-Time Sign Language Support for the Deaf Community'
330	NGIRI-2024-27760	Fatima Jinnah Women University	Main	Electronics Engineering	'Exploring the Depths: Advancing Soft Robotics for Precise Pipeline Inspection'
331	NGIRI-2024-29984	Fatima Jinnah Women University	Main	Computer Science	'\"Smart Urdu Spell Checker: A Tool for Visually Impaired Individuals\"'
332	NGIRI-2024-28892	Federal Urdu University of Arts, Science and Technology	Main	Computer Science	'Artificially intelligent Drone '
333	NGIRI-2024-29340	Federal Urdu University of Arts, Science and Technology	Islamabad	Electrical Engineering	'Automatic Number plate detection using Yolo'
334	NGIRI-2024-29575	Federal Urdu University of Arts, Science and Technology	Main	Computer Science	'TubeTalk Ai: Extract, understand, and interact with Videos using chatbot '
335	NGIRI-2024-30081	Federal Urdu University of Arts, Science and Technology	Main	Computer Science	'Web Hosting Control Panel'
336	NGIRI-2024-24183	Foundation University	Islamabad	Electrical Engineering	'Leaf Wetness Detector Using Paper-Based Chipless RFID'
337	NGIRI-2024-24747	Foundation University	Islamabad	Software Engineering	'Vox check'
338	NGIRI-2024-24910	Foundation University	Islamabad	Computer Science	'Guardian Real Time Monitoring System for cold chains'
339	NGIRI-2024-24958	Foundation University	Islamabad	Software Engineering	'Voguley Forecasting'
340	NGIRI-2024-24961	Foundation University	Islamabad	Computer Science & IT	'Irrigate Smart An IoT-based automated irrigation and fire detection system for sustainable farming using Raspberry Pi 4.0'
341	NGIRI-2024-25289	Foundation University	Islamabad	Biomedical Engineering	'TMPA(Transradial Myoelectric Prosthetic Arm)'
342	NGIRI-2024-25446	Foundation University	Islamabad	Software Engineering	'Pregmote'
343	NGIRI-2024-26513	Foundation University	Islamabad	Engineering and Sciences	'LifeSync'
344	NGIRI-2024-28712	Foundation University	Islamabad	Biomedical Engineering	' Smart infection Control System'
345	NGIRI-2024-29163	Foundation University	Islamabad	Biomedical Engineering	'Smart Kyphotic Therapy Device '
346	NGIRI-2024-23537	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Electrical/Electronics Engineering	'Voice Activated Robotic Arm for Visually Impaired'
347	NGIRI-2024-23602	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Electrical/Electronics Engineering	'Smart Sign Language Glove for Speech and Hearing Impaired'
348	NGIRI-2024-23617	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Electrical Engineering	'Robotic Palletizing Solution With Intelligence For Automating Logistics'
349	NGIRI-2024-23812	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Computer Science	'Blockchain based voting system'
350	NGIRI-2024-23815	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Engineering and Sciences	'Early Earthquake Warning System'
351	NGIRI-2024-23878	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Electrical Power Engineering	'AI-Enhanced Drone for High Voltage Insulator Surface Condition Monitoring'
352	NGIRI-2024-24177	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Electrical/Electronics Engineering	'Smart Assistant for Visually Impaired '
353	NGIRI-2024-24565	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Electrical Engineering	'Alarm enabled Autonomous Fire Fighting Robot'
354	NGIRI-2024-24703	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Computer Engineering	'Virtual Odyssey'
355	NGIRI-2024-25279	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Electrical/Electronics Engineering	'Augmented Reality for Electrical Circuits'
356	NGIRI-2024-25567	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Electrical Engineering	'Multi-Modal Sensor Fusion with Camera Perception based Autonomous Vehicle'
357	NGIRI-2024-26645	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Electrical Power Engineering	'Design and Development of an EV motor with an Advanced Controller'
358	NGIRI-2024-28452	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Computer Engineering	'Intelligent'
359	NGIRI-2024-29031	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Mechanical Engineering	'Design and development of Maglev Vehicle'
360	NGIRI-2024-29332	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Swabi	Mechanical Engineering	'AI Based Unmanned Syringe Control System using DOF Robotic Arm'
361	NGIRI-2024-23649	GIFT University	Gujranwala	Electrical Engineering	'IOT Enable Smart Device for Visually impaired people '
362	NGIRI-2024-24033	GIFT University	Gujranwala	Computer Science	'Multimodel Depression Analysis using deep learning'
363	NGIRI-2024-24341	GIFT University	Gujranwala	Software Engineering	'NeuroInsight AI Brain Tumor and Alzheimer Detection'
364	NGIRI-2024-28148	GIFT University	Gujranwala	Computer Science	'Smart Solution for Homes'

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S.No	FYP Code	University	Campus	Department	FYP Title
365	NGIRI-2024-28280	GIFT University	Gujranwala	Software Engineering	'Meta Garage'
366	NGIRI-2024-28661	GIFT University	Gujranwala	Computer Science	'Intelligent Guide for Visually Impaired and Blind Person'
367	NGIRI-2024-28717	GIFT University	Gujranwala	Computer Science	'Smart City Surveillance VISIONARY'
368	NGIRI-2024-23813	Government College University	Faisalabad	Electrical Engineering	'Automatic System Design For Vertical Farming using IoT '
369	NGIRI-2024-25145	Government College University	Faisalabad	Mechanical Engineering	'Additive Manufacturing of lightweight Aerospace Components'
370	NGIRI-2024-25641	Government College University	Faisalabad	Mechanical Engineering	'Development of a Smart Home Energy Management System'
371	NGIRI-2024-26921	Government College University	Faisalabad	Mechanical Engineering	'Wind Turbine'
372	NGIRI-2024-29884	Government College University	Faisalabad	Electrical Engineering	'DESIGN AND DEVELOPMENT OF A SELF-POWERED IOT-BASED FAULT DETECTION SYSTEM FOR UNDERGROUND CABLES.'
373	NGIRI-2024-26271	Government College University, Hyderabad	Main	Computer Science	'NaviSense Smart Stick'
374	NGIRI-2024-26275	Government College University, Hyderabad	Main	Computer Science	'Intelligent Greenhouse with Automated Environmental Management'
375	NGIRI-2024-26281	Government College University, Hyderabad	Main	Computer Science	'Silent Speak Empowering Mute Communication Through Smart Gesture'
376	NGIRI-2024-27478	Government College University, Hyderabad	Main	Computer Science	'IOT based LPG gas leakage detection alarming and controlling system'
377	NGIRI-2024-27658	Government College Women University	Sialkot	Computer Science	'Fake drug detection using Blockchain technology '
378	NGIRI-2024-27662	Government College Women University	Sialkot	Computer Science & IT	'Detection of Alzheimer at early stage using deep learning'
379	NGIRI-2024-27669	Government College Women University	Sialkot	Computer Science	'Fake review detection '
380	NGIRI-2024-27679	Government College Women University	Sialkot	Computer Science & IT	'Brain tumor detection '
381	NGIRI-2024-27724	Government College Women University	Sialkot	Computer Science	'Revolutionizing Dairy Farming with IoT Based Smart Farm'
382	NGIRI-2024-28110	Government College Women University	Sialkot	Computer Science	'Ads diagnosis chatbot'
383	NGIRI-2024-26305	Government College Women University, Faisalabad	Main	Information Technology	IoT Enabled Energy Control System
384	NGIRI-2024-27473	Government College Women University, Faisalabad	Main	Computer Science	'Baby Monitoring System Using IoT'
385	NGIRI-2024-27476	Government College Women University, Faisalabad	Main	Computer Science	'AI Virtual Painter'
386	NGIRI-2024-27479	Government College Women University, Faisalabad	Main	Computer Science	Visualize Your Imagination
387	NGIRI-2024-27481	Government College Women University, Faisalabad	Main	Computer Science	'MobileHunt'
388	NGIRI-2024-23750	Grafton College Islamabad (Affiliated Campus of NUML)	Islamabad	Electrical Engineering	'Intelligent lithium ion battery management system '
389	NGIRI-2024-24559	Grafton College Islamabad (Affiliated Campus of NUML)	Islamabad	Electrical Engineering	'SMART AGRICULTURE SYSTEM'
390	NGIRI-2024-27352	Habib University	Karachi	Computer Engineering	'IntelliCropPK A Dynamic IoT Ecosystem for Sustainable Agriculture in the Face of Climate Change'
391	NGIRI-2024-27572	Habib University	Karachi	Electrical Engineering	'GaN based DC DC Buck Converters for Electric Vehicle (EV) Auxiliary Power Module (APM)'
392	NGIRI-2024-24178	Hamdard University	Karachi	Computer Science	'Drone Target Acquisition System'
393	NGIRI-2024-24184	Hamdard University	Karachi	Computer Science & IT	'Automatic Fabric Defect Detection Using Convolutional Neural Network'
394	NGIRI-2024-24185	Hamdard University	Karachi	Computer Science	'Smart vision kit for visually impaired person'
395	NGIRI-2024-24984	Hamdard University	Karachi	Electrical	'three phase Synchronization with energy analyzer'
396	NGIRI-2024-25036	Hamdard University	Karachi	Computer Science	'Legal Consulting Application with Artificial Intelligence Assistance'
397	NGIRI-2024-25074	Hamdard University	Karachi	Electrical Engineering	'PLC Based Synchronization Of Induction Motors for Thread Rolling'
398	NGIRI-2024-25188	Hamdard University	Karachi	Computer Science	'Web security analyser '
399	NGIRI-2024-25508	Hamdard University	Karachi	Electrical Engineering	'HMI and PLC based SCADA controlled system for Textile Industry'
400	NGIRI-2024-25718	Hamdard University	Karachi	Biomedical Engineering	'Noninvasive Cardiac Activity Analyzer'
401	NGIRI-2024-26182	Hamdard University	Islamabad	Electrical Engineering	Utilizing Machine Learning for Bearing Fault Detection in Variable Frequency Drive (VFD) Operated Rotary Machinery: Advancing Predictive Maintenance for Sustainable Operations

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Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
402	NGIRI-2024-26183	Hamdard University	Islamabad	Electrical Engineering	Developing and Implementing Motor Controller and Regenerative Braking System for Electric Vehicles: Advancing Sustainable Transportation Solutions
403	NGIRI-2024-26184	Hamdard University	Islamabad	Electrical Engineering	Deploying Photovoltaic Water Pumping Systems with Coupled-Inductor Diode Assisted Boost Inverter for Direct Torque Control of Induction Motors: Innovating for Sustainable Energy Access
404	NGIRI-2024-26185	Hamdard University	Islamabad	Electrical Engineering	Enhancing Transformer Parameter Optimization: Deploying a Real-Time Monitoring System for Sustainable Energy Infrastructure Management
405	NGIRI-2024-26256	Hamdard University	Karachi	Electrical Engineering	'Three phase ATS with voltage and temprature protection system'
406	NGIRI-2024-26524	Hamdard University	Islamabad	Computer Science	'Deep Learning based MR Image Reconstruction'
407	NGIRI-2024-26525	Hamdard University	Islamabad	Computer Science	'Ehealthcare'
408	NGIRI-2024-26532	Hamdard University	Islamabad	Computer Science	'A Comparative Analysis on Usability of University Learning Management Systems In Islamabad'
409	NGIRI-2024-26535	Hamdard University	Islamabad	Computer Science	'Deep Learning Based Maneuvering For Automated Vehicle in GPS/Communication Denied Environment'
410	NGIRI-2024-28352	Hamdard University	Karachi	Electrical Engineering	'EcoSwitch: IoT based Gateway to Smart Energy Management'
411	NGIRI-2024-24807	Hazara University	Garden	Computer System	'Ai based object detection robot'
412	NGIRI-2024-23768	HITEC University	Main	Mechanical Engineering	'Efficient Embedded System Design for the Experimental Investigation of Heat Transfer Enhancement of Heat Exchanger Using Extended Surfaces & Nano-Fluids'
413	NGIRI-2024-23809	HITEC University	Main	Mechanical Engineering	'To Investigate the Effect of Vibration and Magnetic Field for Heat Transfer Performance of Heat Exchanger for Space Heating'
414	NGIRI-2024-24437	HITEC University	Main	Computer Engineering	'Brain Controlled Wheelchair'
415	NGIRI-2024-24669	HITEC University	Main	Mechanical Engineering	'Investigation and Fabrication of Pivoting Mechanism for Nano Energy Harvesting'
416	NGIRI-2024-24696	HITEC University	Main	Electrical Engineering	'AI based Herbicide detection and removal robot '
417	NGIRI-2024-24707	HITEC University	Main	Computer Engineering	'AI Solar Tracking System without LDR sensors'
418	NGIRI-2024-24713	HITEC University	Main	Software Engineering	'AI Based gesture control system for smart devices'
419	NGIRI-2024-24728	HITEC University	Main	Software Engineering	'Agrio '
420	NGIRI-2024-24744	HITEC University	Main	Computer Engineering	'Smart Electricity bill Estimation and Home Automation'
421	NGIRI-2024-24759	HITEC University	Main	Electrical Engineering	'DESIGN AND IMPLEMENTATION OF AN EFFICIENT DIGITAL SMART METER'
422	NGIRI-2024-24779	HITEC University	Main	Computer Science	'Farm2Table App'
423	NGIRI-2024-24801	HITEC University	Main	Software Engineering	'Smart Traffic Light Simulation'
424	NGIRI-2024-24840	HITEC University	Main	Electrical Power Engineering	'RFID based book tracking system for libraries '
425	NGIRI-2024-24856	HITEC University	Main	Electrical Engineering	'Compression Sensing and Noise Resistant Chaotic Image Encryption'
426	NGIRI-2024-24870	HITEC University	Main	Electrical Engineering	'Development of Electronic Speed Controller and Test Bench for Drone BLDC Motor'
427	NGIRI-2024-24905	HITEC University	Main	Computer Engineering	'Smart Stick For Blind'
428	NGIRI-2024-24959	HITEC University	Main	Computer Science	'Thought Therapy'
429	NGIRI-2024-25502	HITEC University	Main	Computer Science	'Tunnel farming automation and optimization system'
430	NGIRI-2024-26210	HITEC University	Main	Mechanical Engineering	'Design, Fabrication and Analyses of Dynamometer'
431	NGIRI-2024-26238	HITEC University	Main	Software Engineering	'AI Based Resume Screening '
432	NGIRI-2024-26621	HITEC University	Main	Computer Science	'TRAX'
433	NGIRI-2024-27882	ILMA University, formerly Institute of Business & Technology (IBT)	Main	Computer Science	'SMART SOLUTION FOR MACHINERY MAINTENANCE THROUGH IOT MONITORING'
434	NGIRI-2024-28204	ILMA University, formerly Institute of Business & Technology (IBT)	Main	Computer Science	'ADVANCED AUTOMATED ENERGY MANAGEMENT WITH INTEGRATED HUMAN PRESENCE SENSING'

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S.No	FYP Code	University	Campus	Department	FYP Title
435	NGIRI-2024-28318	ILMA University, formerly Institute of Business & Technology (IBT)	Main	Computer Science	'NAVIGATION ASSISTANCE FOR THE VISUALLY IMPAIRED A SMART SHOE APPROACH'
436	NGIRI-2024-28763	ILMA University, formerly Institute of Business & Technology (IBT)	Main	Computer Science	'Living Human Detection System During Earthquake Disaster'
437	NGIRI-2024-23592	Indus University	Karachi	Software Engineering	'Assistive Vocalizer sign language system'
438	NGIRI-2024-23597	Indus University	Karachi	Software Engineering	Real-time parking system based on IOT
439	NGIRI-2024-23648	Indus University	Karachi	Software Engineering	Intelligent Farming Surveillance System
440	NGIRI-2024-23660	Indus University	Karachi	Computer Science	'Extraction of Person Specific Footage'
441	NGIRI-2024-23978	Indus University	Karachi	Computing and Technology	'Autonomous surveillance system '
442	NGIRI-2024-24141	Indus University	Karachi	Computer Science & IT	'Cloud based retailer for bussines to bussines'
443	NGIRI-2024-24144	Indus University	Karachi	Science & Technology	'IOT based transformer health monitoring and anti thefting system'
444	NGIRI-2024-24169	Indus University	Karachi	Mechanical Engineering	'Design and Development of Self Chargeable Bike using Alternator and Solar '
445	NGIRI-2024-24212	Indus University	Karachi	Science & Technology	'IoT Based Smart Gas leakage Detector '
446	NGIRI-2024-24302	Indus University	Karachi	Electrical	'IoT Based military Bot'
447	NGIRI-2024-24619	Indus University	Karachi	Electrical Engineering	'PLC OPERATED COLOR BASED PRODUCT SORTING MACHINE'
448	NGIRI-2024-24664	Indus University	Karachi	Electrical	'Teach Bot For Teaching Assistance With AI Support'
449	NGIRI-2024-24667	Indus University	Karachi	Electrical Engineering	'IOT BASED SMART HELMET FOR SECURITY & ACCIDENT ALERT WITH SMART FEATURES'
450	NGIRI-2024-24693	Indus University	Karachi	Mechanical Engineering	'Design and fabrication of Mini wind turbine using stepper motor'
451	NGIRI-2024-24704	Indus University	Karachi	Electrical	'Life saving unmanned Speed boat with IOT based controlling'
452	NGIRI-2024-24838	Indus University	Karachi	Mechanical Engineering	'Design Fabrication and performance analysis tidal driven electric generator with compressed air energy storage '
453	NGIRI-2024-24866	Indus University	Karachi	Engineering and Sciences	Design and Implementation of Smart IoT-Enabled Solar-Powered Distribution for metropolitan city
454	NGIRI-2024-24886	Indus University	Karachi	Electrical Power Engineering	'IoT based smart monitoring and communication by using hand glove'
455	NGIRI-2024-24893	Indus University	Karachi	Mechanical Engineering	'Design and fabrication of portable thermo electric refrigerator'
456	NGIRI-2024-24974	Indus University	Karachi	Electrical Power Engineering	IOT Base Smart Monitoring and controlling of Industrial Exhaust fan from Wastage air of exhaust xhaust Air With Self Feature IOT Based Monitoring'
457	NGIRI-2024-25328	Indus University	Karachi	Electrical Engineering	'IOT BASED EMBEDDED SYSTEM TRAINER BY USING ARDUINO MEGA'
458	NGIRI-2024-26519	Indus University	Karachi	Computing and Technology	cloud-based influencer link
459	NGIRI-2024-26964	Indus University	Karachi	Electrical	Upgradation of e bike with Integrating Fuel-Based Emergency Charging System for Enhanced Mobility
460	NGIRI-2024-26989	Indus University	Karachi	Computer Science	'IoT Based Greenhouse Controlling and Management System '
461	NGIRI-2024-27025	Indus University	Karachi	Computer Science	'Infant Guard'
462	NGIRI-2024-27615	Indus University	Karachi	Computer Science	'IOT Based Surveillance Insect Reboot With Blynk'
463	NGIRI-2024-27985	Indus University	Karachi	Software Engineering	Smart Mobility Assistant
464	NGIRI-2024-29639	Indus University	Karachi	Science & Technology	'Indigenous Trainer of PLC Based Smart VFD for Industrial 3-Phase Motor Optimization with Monitoring And Controlling Through IOT'
465	NGIRI-2024-30052	Indus University	Karachi	Electrical Engineering	'Vertical car parking '
466	NGIRI-2024-30089	Indus University	Karachi	Energy System Engineering	'Energy Conservation in Air Conditioning with Monitoring and Data logging System uing PLC & SCADA'
467	NGIRI-2024-23865	Information Technology University	Lahore	Computer Science	'VR based Training for Emergency Response Services'
468	NGIRI-2024-23866	Information Technology University	Lahore	Electrical Engineering	'Smart Bird Care'
469	NGIRI-2024-24062	Information Technology University	Lahore	Computer Engineering	'AI Powered Self Checkout System'
470	NGIRI-2024-24225	Information Technology University	Lahore	Electrical Engineering	'EMG Based Human Body Behavior Estimation Using Machine Learning Techniques'

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S.No	FYP Code	University	Campus	Department	FYP Title
471	NGIRI-2024-24303	Information Technology University	Lahore	Electrical Engineering	'Smart Hydroponic Farming'
472	NGIRI-2024-26680	Information Technology University	Lahore	Electrical Engineering	'Tube well Automation Control System '
473	NGIRI-2024-28094	Information Technology University	Lahore	Computer Science	'Harnessing Mixed Reality and Drones'
474	NGIRI-2024-28202	Information Technology University	Lahore	Computer Engineering	'BLE Beacon-Based Indoor Navigation System'
475	NGIRI-2024-28208	Information Technology University	Lahore	Computer Engineering	'Revolutionised Ecommerce Platform'
476	NGIRI-2024-28394	Information Technology University	Lahore	Computer Science	'Twitter Data Analytics For Pakistan Across Time, Language, Location with Multilingual support'
477	NGIRI-2024-28478	Information Technology University	Lahore	Computer Engineering	'NERF on the Edge'
478	NGIRI-2024-28762	Information Technology University	Lahore	Computer Science	'Safe Navigation of Multi-Agent Robotics Systems'
479	NGIRI-2024-25259	Institute of Business Management	Main	Computer Science	'Student Performance Prediction System'
480	NGIRI-2024-25290	Institute of Business Management	Main	Computer Science	'Ride Together '
481	NGIRI-2024-25392	Institute of Business Management	Main	Computer & Information System Engineering	'MyLegalPal'
482	NGIRI-2024-25515	Institute of Business Management	Main	Computer Science	'Car Price Prediction Model'
483	NGIRI-2024-25516	Institute of Business Management	Main	Computer Science	'Hate speech detection and context analysis '
484	NGIRI-2024-23622	Institute of Industrial Electronics Engineering	Main	Industrial Electronics	'Intelligent Laser Engraving Machine'
485	NGIRI-2024-23636	Institute of Industrial Electronics Engineering	Main	Industrial Electronics	'Development of Sensor Based Wearable System for Sign Language to Speech Translation'
486	NGIRI-2024-23700	Institute of Industrial Electronics Engineering	Main	Industrial Electronics	'REAL TIME NEURAL SIGNAL PROCESSING FOR COMPUTER CONTROLLING'
487	NGIRI-2024-23857	Institute of Industrial Electronics Engineering	Main	Industrial Electronics	'Development of a Multi-Cell Phone Charging Booth with Biometric Security and Cloud-Based Billing information'
488	NGIRI-2024-24369	Institute of Southern Punjab	Main	Electrical Engineering	'DESIGN AND DEVELOPMENT OF INVERTER FOR SPEED CONTROL OF THREE PHASE INDUCTION MOTOR '
489	NGIRI-2024-25407	Institute of Southern Punjab	Main	Electrical Engineering	'IOT " " CONTROLLED SOLAR GRASS CUTTER WITH ADJUSTABLE BLADES'
490	NGIRI-2024-23480	Institute of Space Technology	Islamabad	Avionics Engineering	'Formulation of Three Dimensional Proportional Navigation Algorithm and implementation of complete engagement scenario in Virtual Reality Environment '
491	NGIRI-2024-23497	Institute of Space Technology	Islamabad	Avionics Engineering	'Design and manufacturing of Electronic Control Unit (ECU) for electric vehicle applications'
492	NGIRI-2024-23593	Institute of Space Technology	Islamabad	Avionics Engineering	'\ "Design & development of 8x8 substrate based 2-12 GHz UWB Vivaldi antenna array for on-board LEO satellite " ELINT " system.\ "'
493	NGIRI-2024-23634	Institute of Space Technology	KICSIT	Computer Engineering	'Machine health monitoring system based on AI algorithms using its sound (rotating parts) '
494	NGIRI-2024-23662	Institute of Space Technology	Islamabad	Biomedical Engineering	'Fabrication of Oxidized Guar Gum/Salvia Miltiorrhiza/Agar Agar based 3d printed scaffold for potential wound healing applications.'
495	NGIRI-2024-23669	Institute of Space Technology	Islamabad	Electrical Engineering	'Autonomous fruit plucking robot for agriculture beneficiaries'
496	NGIRI-2024-23677	Institute of Space Technology	Islamabad	Computer Science	'Security System for keyless car'
497	NGIRI-2024-23708	Institute of Space Technology	KICSIT	Computer Engineering	'AI Based Fire Detection System'
498	NGIRI-2024-23713	Institute of Space Technology	Islamabad	Computer Science	'Vehicle Detection and Tracking using UAVs'
499	NGIRI-2024-23988	Institute of Space Technology	Islamabad	Electrical Engineering	'Ambulance Tracking with Patient Health Monitoring System'
500	NGIRI-2024-24096	Institute of Space Technology	Islamabad	Electrical	'IoT based Hydroponic System'
501	NGIRI-2024-24809	Institute of Space Technology	Islamabad	Avionics/Aeronautical Engineering	'Design and fabrication of Co flow jet to control Separation '
502	NGIRI-2024-25040	Institute of Space Technology	KICSIT	Computer Engineering	'Artificial Intelligence Sign Language '
503	NGIRI-2024-25908	Institute of Space Technology	Islamabad	Computer Science	'Drive Check'
504	NGIRI-2024-25956	Institute of Space Technology	Islamabad	Electrical Engineering	'Electric Bicycle with Rechargeable System'

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S.No	FYP Code	University	Campus	Department	FYP Title
505	NGIRI-2024-26037	Institute of Space Technology	Islamabad	Computer Science	'AI Driven Synthetic Data Generation'
506	NGIRI-2024-26189	Institute of Space Technology	Islamabad	Avionics/Aeronautical Engineering	'Design and Development of a Tunneling Robot for Safeguarding Surface Infrastructure Integrity in Tunnel Projects'
507	NGIRI-2024-26322	Institute of Space Technology	Islamabad	Electrical Engineering	'Real Time Tracking and Environment Monitoring Device for Outdoor Activities'
508	NGIRI-2024-26414	Institute of Space Technology	Islamabad	Mechanical Engineering	'Design and fabrication of underwater drone '
509	NGIRI-2024-26448	Institute of Space Technology	Islamabad	Avionics Engineering	'Integrity assessment of Communication, Navigation and Surveillance Architecture to support Urban Air mobility'
510	NGIRI-2024-26882	Institute of Space Technology	Islamabad	Biomedical Engineering	'Development and deposition of Boron and Silver Doped Mesoporous Bioactive Glass Nanoparticles on Fuctionalized PEEK coating for biomedical Implants efficacy'
511	NGIRI-2024-26903	Institute of Space Technology	Islamabad	Mechanical Engineering	'IOT Based Multi Functional Agriculture System For Precision Farming'
512	NGIRI-2024-26938	Institute of Space Technology	Islamabad	Biomedical Engineering	'Coaxial Electrospun Fibers for Targeted Insulin Delivery PVA and PLGA Shell and Insulin Core Integration'
513	NGIRI-2024-26987	Institute of Space Technology	Islamabad	Biomedical Engineering	'Injectable Hydrogel for Ocular Repair as a Vitreous Substitute in retinal detachment'
514	NGIRI-2024-27046	Institute of Space Technology	KICSIT	Computer Engineering	'LARGE-SCALE SATELLITE SYNCHRONIZED HYBRID CLOCK with AQI MONITORING'
515	NGIRI-2024-27370	Institute of Space Technology	Islamabad	Avionics/Aeronautical Engineering	'Design and Fabrication of Three Axis Controller of a Satellite Model'
516	NGIRI-2024-27870	Institute of Space Technology	KICSIT	Computer Science	'Detecting Brain Tumor Using Federated Learning '
517	NGIRI-2024-28439	Institute of Space Technology	KICSIT	Computer Science	'Optimized Ecommerce Store Through Social Analytics'
518	NGIRI-2024-28454	Institute of Space Technology	KICSIT	Computer Science	'Vocal Emotion Recognizer '
519	NGIRI-2024-28479	Institute of Space Technology	KICSIT	Computer Science	'Meta Shopping Hub'
520	NGIRI-2024-28523	Institute of Space Technology	Islamabad	Mechanical Engineering	'Thermal Management System of Electronic Circuitry '
521	NGIRI-2024-28917	Institute of Space Technology	Islamabad	Mechanical Engineering	'Plastic waste to electricity through Incineration '
522	NGIRI-2024-23386	International Islamic University	Islamabad	Computer Science	'ZombieShield Dash'
523	NGIRI-2024-23514	International Islamic University	Islamabad	Electrical Engineering	'Smart Brain Controlled Prosthetic Leg for Enhanced Mobility of Disabled Person '
524	NGIRI-2024-23639	International Islamic University	Islamabad	Mechanical Engineering	'Design and Fabrication of Pipe Inspection and Climbing Robot'
525	NGIRI-2024-25015	International Islamic University	Islamabad	Electrical Engineering	'Autonomus Delivery Drone'
526	NGIRI-2024-27364	International Islamic University	Islamabad	Mechanical Engineering	'carbon neutral production of biodiesel from waste cooking oil with zero waste'
527	NGIRI-2024-27898	International Islamic University	Islamabad	Mechanical Engineering	'Design and development of a groundwater treatment system for agricultural applications'
528	NGIRI-2024-28492	International Islamic University	Islamabad	Mechanical Engineering	'Modeling and Fabrication of Bioink based 3D Printer for Biomedical Applications'
529	NGIRI-2024-23712	Iqra National University	Main	Electrical Engineering	'Real time Electricity theft detection using Observer meter'
530	NGIRI-2024-26515	Iqra National University	Main	Computer Science	'Self-Controlled Automata Arduino Wheelchair System'
531	NGIRI-2024-23951	Iqra University	Main	Software Engineering	'Autism Detection System'
532	NGIRI-2024-24418	Iqra University	Chak Shahzad	Computer Science	'IUOnline Lms Iqra University Chak Shahzad Campus Islamabad '
533	NGIRI-2024-24567	Iqra University	Islamabad	Computer Science	'Underground Cable Fault Detector '
534	NGIRI-2024-24585	Iqra University	Islamabad	Computer Science	'SmartBin'
535	NGIRI-2024-26048	Iqra University	Main	Electrical Engineering	'EcoCharge: Sustainable Electric Vehicle Charging Management Platform'
536	NGIRI-2024-26074	Iqra University	Main	Computer Science	'Chronicles of Atheria Game'
537	NGIRI-2024-26101	Iqra University	Main	Computer Science	'Eduflex'
538	NGIRI-2024-26122	Iqra University	Main	Computer System	'Transportation with Bus Linkers Web Application'
539	NGIRI-2024-26132	Iqra University	Main	Software Engineering	'Augmented Reality Book '
540	NGIRI-2024-26134	Iqra University	Main	Software Engineering	'SEO ANALYZER AND KEYWORD RESEARCH TOOL'

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S.No	FYP Code	University	Campus	Department	FYP Title
541	NGIRI-2024-26146	Iqra University	North Campus	Computer Science	Potholes Detection System using Deep Learning for Enhanced Navigation and Routing for Application.
542	NGIRI-2024-26202	Iqra University	Main	Telecom Engineering	'Smart Crop disease detection and classification'
543	NGIRI-2024-26398	Iqra University	Main	Computer Science	'University AR navigation app '
544	NGIRI-2024-26793	Iqra University	Gulshan Campus	Computer Science	'Sign Language To Urdu Text'
545	NGIRI-2024-27062	Iqra University	Main	Telecom Engineering	'Dr. Clinico '
546	NGIRI-2024-27742	Iqra University	Main	Computer System	'Code Development Lifecycle Management System'
547	NGIRI-2024-27885	Iqra University	Gulshan Campus	Computer Science	'AI Interview Trainer'
548	NGIRI-2024-27925	Iqra University	Airport Campus	Computer Science & IT	'Smart Automated Classroom Attendance System Using Face Recognition'
549	NGIRI-2024-27964	Iqra University	Gulshan Campus	Computer System	'Skin Diseases Detector'
550	NGIRI-2024-28003	Iqra University	Gulshan Campus	Computer Science	'IoT Based Home Security System with Biometric Authentication'
551	NGIRI-2024-28067	Iqra University	Main	Software Engineering	'Help Content Creator To Generate Background Music Using Facial Expression'
552	NGIRI-2024-28175	Iqra University	Islamabad	Computer Science	'Soil Analysis and Crop Fertility Prediction using IoT '
553	NGIRI-2024-28211	Iqra University	Main	Computer Science & IT	'HMS Harmful Brain Activity Classification'
554	NGIRI-2024-28258	Iqra University	Main	Telecommunication & Networking	'Cotton Plant Disease Detection & Cure Recommendation System '
555	NGIRI-2024-28371	Iqra University	Gulshan Campus	Computer Science	'Hair fall detection using AI'
556	NGIRI-2024-29087	Iqra University	Main	Computer Science	'Image Classification using FPGA'
557	NGIRI-2024-29633	Iqra University	North Campus	Computer Science	Conveyable Inhalator Machine
558	NGIRI-2024-29682	Iqra University	North Campus	Computer Science & IT	Vision Companion
559	NGIRI-2024-29856	Iqra University	North Campus	Computer Science	Hands on Communicator
560	NGIRI-2024-29889	Iqra University	North Campus	Computer Science	Multimodel Chatbot with Audio Integration Using Langchain
561	NGIRI-2024-29993	Iqra University	Airport Campus	Computer Science	'LIBAAS Recommendation APP'
562	NGIRI-2024-30040	Iqra University	Islamabad	Computer Science & IT	'MASKAN'
563	NGIRI-2024-30069	Iqra University	Airport Campus	Computer Science	'Trading bot'
564	NGIRI-2024-30073	Iqra University	Airport Campus	Computer Science	'Bus Navigation system '
565	NGIRI-2024-30091	Iqra University	Airport Campus	Computer Science & IT	'The Healthiest Pharmacy'
566	NGIRI-2024-30126	Iqra University	Airport Campus	Computer Science	'Virtual Child Care Clinic'
567	NGIRI-2024-25907	Islamia College Peshawar	Main	Computer Science	'Integrated Deepfake Detection System: Analyzing Frequency, Temporal, and Spatial dynamics'
568	NGIRI-2024-26157	Islamia College Peshawar	Main	Computer Science	'Deep Learning Assisted Self Driving Car over Economical Hardware'
569	NGIRI-2024-27197	Islamia College Peshawar	Main	Software Engineering	'Real time vigilance for smart driving'
570	NGIRI-2024-28279	Islamia College Peshawar	Main	Software Engineering	'GANs for Realistic Image Synthesis and Data Augmentation using CIFAR TEN Dataset'
571	NGIRI-2024-29476	Islamia College Peshawar	Main	Software Engineering	'UNAD: Facilitating Deep Learning Applications for Urdu Fake News Classification Challenges'
572	NGIRI-2024-29753	Islamia College Peshawar	Main	Computer Science	'Climate Modeling '
573	NGIRI-2024-24848	Isra University	Hyderabad	Electrical Engineering	'Smart Car Parking System using AI for MegaMALL'
574	NGIRI-2024-24986	Isra University	Hyderabad	Mechanical Engineering	'Investigating Sustainable Development of Photo Bioreactor for Algae Growth'
575	NGIRI-2024-28629	Isra University	Hyderabad	Computer Science	'PhysioTrack '
576	NGIRI-2024-23254	Khawaja Fareed University of Engineering and Information Technology	Main	Industrial Electronics	'Wireless Sensor Networks for Real-time Monitoring and Control in Industrial Environments'
577	NGIRI-2024-23280	Khawaja Fareed University of Engineering and Information Technology	Main	Computer & Information System Engineering	'IOT based Electronic voting machine'

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S.No	FYP Code	University	Campus	Department	FYP Title
578	NGIRI-2024-23463	Khawaja Fareed University of Engineering and Information Technology	Main	Computer & Information System Engineering	'Cognimove Next Gen Voice and Brain control wheelchair'
579	NGIRI-2024-23464	Khawaja Fareed University of Engineering and Information Technology	Main	Computer & Information System Engineering	'Smart Food feeder Robot for Disabled Person '
580	NGIRI-2024-23468	Khawaja Fareed University of Engineering and Information Technology	Main	Computer & Information System Engineering	'Face recognition gimble'
581	NGIRI-2024-23469	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Engineering	'3D-Scanner Machine '
582	NGIRI-2024-23489	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science	'Robotee (robotic coffee and tea cafe)'
583	NGIRI-2024-23495	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science	'Smart Toy'
584	NGIRI-2024-23502	Khawaja Fareed University of Engineering and Information Technology	Main	Electrical Engineering	'LORA BASED WIRELESS WEATHER STATION MONITORING SYSTEM USING MQTT BROKER'
585	NGIRI-2024-23513	Khawaja Fareed University of Engineering and Information Technology	Main	Information Technology	'Malware Detection Using Convolutional Neural Networks'
586	NGIRI-2024-23603	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Engineering	'AI Powered Smart Access Control System'
587	NGIRI-2024-23604	Khawaja Fareed University of Engineering and Information Technology	Main	Mechanical Engineering	'Fabrication and Development of Compression Molding Machine capable of producing disposable products using Sugarcane waste'
588	NGIRI-2024-23633	Khawaja Fareed University of Engineering and Information Technology	Main	Electrical Engineering	'Smart Safety Helmet For Hazardous Environment'
589	NGIRI-2024-23737	Khawaja Fareed University of Engineering and Information Technology	Main	Information Technology	'Quick cab(Ride hailing platform)'
590	NGIRI-2024-23755	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science	'Speech Emotion Detection '
591	NGIRI-2024-23843	Khawaja Fareed University of Engineering and Information Technology	Main	Information Technology	'CyberGuard Challenge: A Dynamic Cybersecurity Battle'
592	NGIRI-2024-23962	Khawaja Fareed University of Engineering and Information Technology	Main	Electrical Engineering	'Infrared Camera Based Vein Detection System to Facilitate Pediatrics and Geriatrics'
593	NGIRI-2024-24026	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science	'Defeating language Barrier- A Real Time Chat App'
594	NGIRI-2024-24317	Khawaja Fareed University of Engineering and Information Technology	Main	Science & Technology	'ADVANCE EGG INCUBATOR '
595	NGIRI-2024-24588	Khawaja Fareed University of Engineering and Information Technology	Main	Science & Technology	'Power Padel to Run and Charge Electrical Devices/Office Equipments '
596	NGIRI-2024-24955	Khawaja Fareed University of Engineering and Information Technology	Main	Science & Technology	'IoT VitalSigns: A Comprehensive Patient Health Monitoring System'
597	NGIRI-2024-25408	Khawaja Fareed University of Engineering and Information Technology	Main	Mechanical Engineering	'Green Tech Extrusion: Enhancing PET Production with Automated Solutions'
598	NGIRI-2024-25466	Khawaja Fareed University of Engineering and Information Technology	Main	Mechanical Engineering	'Solar Panel Cleaning Robot'
599	NGIRI-2024-25680	Khawaja Fareed University of Engineering and Information Technology	Main	Mechanical Engineering	'SmartMold: Innovating Injection Blow Molding with Automation'
600	NGIRI-2024-25731	Khawaja Fareed University of Engineering and Information Technology	Main	Information Technology	'AI Powered Therapeutic Companion (AIRA)'
601	NGIRI-2024-25778	Khawaja Fareed University of Engineering and Information Technology	Main	Software Engineering	'Qualitative and Quantitative based Milk Contamination Fraud Detection and Classification using Advance ML and HSI Technology'
602	NGIRI-2024-26376	Khawaja Fareed University of Engineering and Information Technology	Main	Software Engineering	'HPLC and Hyper spectral imaging based milk adulteration detection and classification using deep learning techniques mobile application'
603	NGIRI-2024-27008	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science & IT	'Multi Directional Solar Surveillance Robot'
604	NGIRI-2024-27247	Khawaja Fareed University of Engineering and Information Technology	Main	Software Engineering	'IoT-Based Avian Health and productivity management System '
605	NGIRI-2024-27258	Khawaja Fareed University of Engineering and Information Technology	Main	Electrical Engineering	'Enhancing Crop Yield An Optimized Multi Parameter IoT Based System for Solar Powered Tunnel Farming'
606	NGIRI-2024-27637	Khawaja Fareed University of Engineering and Information Technology	Main	Software Engineering	'IoT and AI-Driven Smart Irrigation System Development'
607	NGIRI-2024-27858	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Engineering	'Cotton leaf disease detection and classification using hyperspectral imaging'
608	NGIRI-2024-27891	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science & IT	'Early Detection and Classification of Mango Leaf Diseases through Hyperspectral Camera Imaging'
609	NGIRI-2024-28529	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Engineering	'Energy Harvesting Using PiezoElectric'
610	NGIRI-2024-28787	Khawaja Fareed University of Engineering and Information Technology	Main	Science & Technology	'Memory Guardians: AI innovations in Alzheimer's management '

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Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
611	NGIRI-2024-28818	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science & IT	'Daily Axis Solar Tracking System Of Solar Tunnel Dryer '
612	NGIRI-2024-28820	Khawaja Fareed University of Engineering and Information Technology	Main	Computer Science & IT	'AI integrated Solar electric vehicle for disabled patients'
613	NGIRI-2024-29800	Khawaja Fareed University of Engineering and Information Technology	Main	Engineering and Sciences	'Design and fabrication of small scale IoT based central pivot irrigation System'
614	NGIRI-2024-30033	Khawaja Fareed University of Engineering and Information Technology	Main	Electrical	'Effective Solar Trap Solutions for Managing Whitefly and Lepidoptera Infestations in Cotton Cultivation'
615	NGIRI-2024-30212	Khawaja Fareed University of Engineering and Information Technology	Main	Civil Engineering	'Study of flow through Coastal structures'
616	NGIRI-2024-23944	Khushal Khan Khattak University	Karak	Computer Science	'Knowledge Sharing Application'
617	NGIRI-2024-24563	Khushal Khan Khattak University	Karak	Computer Science	'Automatic Leaf Disease Identification '
618	NGIRI-2024-25582	Khushal Khan Khattak University	Karak	Computer Science	' Hospital Management System'
619	NGIRI-2024-25845	Khushal Khan Khattak University	Karak	Computer Science	'Gas Leakage Detection'
620	NGIRI-2024-29219	Kinnaird College for Women	Main	Computer Science	'AirGuard App'
621	NGIRI-2024-23587	Lahore College for Women University	Lahore	Electrical Engineering	'Wirelessly Controlling and Monitoring Smart Wheelchair using Electroencephalogram '
622	NGIRI-2024-26152	Lahore College for Women University	Lahore	Electrical Engineering	'A multifunctional security solution with GPS Tracking, GSM Alerts, Self Defense and voice recognition feature'
623	NGIRI-2024-26962	Lahore College for Women University	Lahore	Computer Science	'Self-adapted Virtual Hand Rehabilitation Application for Hemiplegic Patients Using Deep Learning and Computer Vision Techniques'
624	NGIRI-2024-26966	Lahore College for Women University	Lahore	Computer Science	'A Real-Time 3D Utility Poles Structural Behavior Evaluation Mobile Application Using Drone, Computer Vision and Deep Learning Techniques'
625	NGIRI-2024-24692	Lahore Garrison University	Main	Information Technology	'Autism Prognosticator '
626	NGIRI-2024-25964	Lahore Garrison University	Main	Computer Science	'BlindAssist: Machine Learning Enhanced Object Recognition, GPS tracking, and Speech Feedback'
627	NGIRI-2024-25987	Lahore Garrison University	Main	Computer Science	'Smart Farming Using IOT technology '
628	NGIRI-2024-26027	Lahore Garrison University	Main	Computer Science	'Flood Prediction using AI '
629	NGIRI-2024-27110	Lahore Garrison University	Main	Software Engineering	'FloraGuard IoT based Intelligent greenhouse monitoring system'
630	NGIRI-2024-27145	Lahore Garrison University	Main	Software Engineering	'Assault Squad '
631	NGIRI-2024-27255	Lahore Garrison University	Main	Software Engineering	'Autism Emotion Synergy '
632	NGIRI-2024-27703	Lahore Garrison University	Main	Computer Science	'Health Application and Telemedicine Service with focus on Chronic Conditions via wearable devices'
633	NGIRI-2024-28059	Lahore Garrison University	Main	Software Engineering	'Automated Diabetic Retinopathy Grading using Multi- Deep Neural Nets: Towards a Progressive Approach'
634	NGIRI-2024-28285	Lahore Garrison University	Main	Information Technology	'Fake Signature Detection By using Machine learning'
635	NGIRI-2024-28288	Lahore Garrison University	Main	Computer Science & IT	'Continuous Arterial Health Monitoring '
636	NGIRI-2024-28326	Lahore Garrison University	Main	Information Technology	'Adventures In Alice Boardland'
637	NGIRI-2024-28484	Lahore Garrison University	Main	Computer Science & IT	'deep learning based video summarization by object detection'
638	NGIRI-2024-29899	Lahore Garrison University	Main	Information Technology	'Gesture Control Robot For Disabled Persons'
639	NGIRI-2024-27975	Lahore Leads University	Main	Electrical Engineering	'Surface Cleaner Machine'
640	NGIRI-2024-23583	Lahore University of Management Sciences	Lahore	Bio-Informatics	'EEG-fMRI DATA Fusion for Assessment and Classification of Cognitive Tasks'
641	NGIRI-2024-23625	Lahore University of Management Sciences	Lahore	Computer Science	'Forest Fire Detection in Northern Mountainous Area '
642	NGIRI-2024-28793	Lahore University of Management Sciences	Lahore	Electrical Engineering	'DEVELOPING AN AI-POWERED AUTONOMOUS VEHICLE FOR EFFICIENT LAST MILE DELIVERY'
643	NGIRI-2024-25790	Liaquat University of Medical and Health Sciences	Main	Biomedical Engineering	'A soft Pneumatic robotic glove for hand rehabilitation for Hemiplegic patients after stroke '
644	NGIRI-2024-23297	Mehran University of Engineering & Technology	Jamshoro	Software Engineering	'StellarScope'

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S.No	FYP Code	University	Campus	Department	FYP Title
645	NGIRI-2024-23406	Mehran University of Engineering & Technology	Jamshoro	Software Engineering	'Detection of AI Generated Voices and Images'
646	NGIRI-2024-23544	Mehran University of Engineering & Technology	Jamshoro	Software Engineering	'Dental caries Detection Application'
647	NGIRI-2024-23574	Mehran University of Engineering & Technology	Jamshoro	Computer Science & IT	'Code Swift'
648	NGIRI-2024-23901	Mehran University of Engineering & Technology	Jamshoro	Electrical Engineering	'Design & Development of Solar PV and Solar Thermal Operated Solar Dryers for Sustainable Food Supplies in Pakistan'
649	NGIRI-2024-23907	Mehran University of Engineering & Technology	Jamshoro	Biomedical Engineering	'AI-based device for the diagnosis of cardiovascular diseases'
650	NGIRI-2024-24004	Mehran University of Engineering & Technology	Jamshoro	Software Engineering	'Interactive Smart Mirror using Raspberry pi'
651	NGIRI-2024-24480	Mehran University of Engineering & Technology	Jamshoro	Biomedical Engineering	'3D printed foot-ankle exoskeleton in cutting edge physiotherapy for rehabilitation '
652	NGIRI-2024-24481	Mehran University of Engineering & Technology	Jamshoro	Biomedical Engineering	' 2D Virtual Cursor/Object Control Using EEG-Based Brain Computer Interface (BCI)'
653	NGIRI-2024-24487	Mehran University of Engineering & Technology	Jamshoro	Biomedical Engineering	'Synthesis of customized 3D printable heart valve'
654	NGIRI-2024-24782	Mehran University of Engineering & Technology	Jamshoro	Telecom Engineering	'Envirolink remote data transmission for challenging environments'
655	NGIRI-2024-25186	Mehran University of Engineering & Technology	Jamshoro	Electronics Engineering	'Real Time Air Quality Monitoring And Mapping System for Hyderabad Sindh'
656	NGIRI-2024-25295	Mehran University of Engineering & Technology	Jamshoro	Mechatronics Engineering	'Design and Development of industrial articulated robotic arm for EducationalA Trainings'
657	NGIRI-2024-25424	Mehran University of Engineering & Technology	Jamshoro	Computer System Engineering	'Enhancing Accessibility With Bidirectional Sign Language and Translation'
658	NGIRI-2024-25475	Mehran University of Engineering & Technology	Jamshoro	Telecom Engineering	'IoT enabled Multipurpose Indigenous Cyber Lock for Fortifying industrial and cellular communication BTS sites'
659	NGIRI-2024-25482	Mehran University of Engineering & Technology	Jamshoro	Computer System Engineering	'Enhancing Campus Mobility Using Real Time Bus Tracking'
660	NGIRI-2024-25492	Mehran University of Engineering & Technology	Jamshoro	Computer System Engineering	'Interview preparation agent: Next generational AI assisted interview agent'
661	NGIRI-2024-25520	Mehran University of Engineering & Technology	Jamshoro	Computer Science	'Euro-Pak Sustainable Trade Bridge: Showcasing Pakistani Heritage in the European Market through E-commerce'
662	NGIRI-2024-25530	Mehran University of Engineering & Technology	Jamshoro	Civil Engineering	'Hydro piezoelectric Canal: Harnessing maximum pressure gradients for sustainable energy generation'
663	NGIRI-2024-25558	Mehran University of Engineering & Technology	Jamshoro	Electronics Engineering	'Advancement in Braille Learning tools with the help of Edge AI'
664	NGIRI-2024-25559	Mehran University of Engineering & Technology	Jamshoro	Telecommunication & Networking	'AgriSense An IOT enabled precision Agriculture System'
665	NGIRI-2024-25569	Mehran University of Engineering & Technology	Jamshoro	Electronics Engineering	'Voice and emotion based hate detection system using AI'
666	NGIRI-2024-25659	Mehran University of Engineering & Technology	Jamshoro	Electronics Engineering	'Real Time FPGA Accelerated Image Processing using Vivado High Level Synthesis'
667	NGIRI-2024-25791	Mehran University of Engineering & Technology	Jamshoro	Computer System Engineering	'Multimodal analysis system for product reviews '
668	NGIRI-2024-27094	Mehran University of Engineering & Technology	Jamshoro	Mechatronics Engineering	'Design and Development of an Autonomous Robot for Power Plant Pressure Vessel Inspection: Advancing Power Plant Safety'
669	NGIRI-2024-27335	Mehran University of Engineering & Technology	Jamshoro	Mechanical Engineering	'Design & Fabrication of Low Cost Stair lift'
670	NGIRI-2024-27336	Mehran University of Engineering & Technology	Jamshoro	Mechanical Engineering	'Design and Analysis of Hydrogen Fuel cell using Nickel Electrode'
671	NGIRI-2024-27678	Mehran University of Engineering & Technology	Jamshoro	Computer Science	'Building an AI powered , user centric digital marketplace for event management'
672	NGIRI-2024-28079	Mehran University of Engineering & Technology	Jamshoro	Mechatronics Engineering	'Design and development of the Bionic Hand (An advanced prosthetic hand)'
673	NGIRI-2024-28100	Mehran University of Engineering & Technology	Jamshoro	Electrical Engineering	'Design and Implementation of an Automatic Cleaning & Dual-Axis Tracking System for Enhancing Solar Power Performance'
674	NGIRI-2024-28547	Mehran University of Engineering & Technology	Jamshoro	Telecom Engineering	'Building a Data Communication Network Between Drones and Ground IoT Sensor Systems'
675	NGIRI-2024-28587	Mehran University of Engineering & Technology	Khairpur	Software Engineering	'Lexe'
676	NGIRI-2024-28593	Mehran University of Engineering & Technology	Khairpur	Software Engineering	'VisionSmartEd'
677	NGIRI-2024-28601	Mehran University of Engineering & Technology	Khairpur	Software Engineering	'Hunar mand thar ie Hand made thar'
678	NGIRI-2024-28611	Mehran University of Engineering & Technology	Khairpur	Software Engineering	'Securing defi: Elevating safety measures for layer 2 hardware wallets and verification'
679	NGIRI-2024-28781	Mehran University of Engineering & Technology	Jamshoro	Telecom Engineering	'Smart Forest:enabling iot for intrusion detection in forest'

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S.No	FYP Code	University	Campus	Department	FYP Title
680	NGIRI-2024-23298	Mirpur University of Science and Technology (MUST)	Mirpur	Electrical Engineering	'Improving the Handoff Mechanism in WiFi network '
681	NGIRI-2024-23349	Mirpur University of Science and Technology (MUST)	Mirpur	Electrical Engineering	'Design of future AI based internet architecture in smart cities'
682	NGIRI-2024-24391	Mirpur University of Science and Technology (MUST)	Mirpur	Electrical/Electronics Engineering	'Wireless traffic load optimization at data centres'
683	NGIRI-2024-25165	Mirpur University of Science and Technology (MUST)	Mirpur	Mechanical Engineering	'Experimental investigation of heat transfer enhancement using nanofluids on confined heat sink'
684	NGIRI-2024-26169	Mirpur University of Science and Technology (MUST)	Mirpur	Software Engineering	'Realtime Condition Based Monitoring System via Digital Twin Technology'
685	NGIRI-2024-27904	Mirpur University of Science and Technology (MUST)	Mirpur	Computer System Engineering	'AI based Health Chatbot System using Deep Learning '
686	NGIRI-2024-28065	Mirpur University of Science and Technology (MUST)	Mirpur	Electrical Engineering	'Greenhouse Monitoring and Control System using IOT'
687	NGIRI-2024-28395	Mirpur University of Science and Technology (MUST)	Mirpur	Computer System Engineering	'AvaxGods'
688	NGIRI-2024-28518	Mirpur University of Science and Technology (MUST)	Mirpur	Electrical Engineering	'Design and Development of Phasor Measurement Unit(PMU)'
689	NGIRI-2024-29293	Mirpur University of Science and Technology (MUST)	Mirpur	Software Engineering	'Fall Detection system for elderly People through wearable sensors'
690	NGIRI-2024-24425	MNS University of Agriculture, Multan	Main	Information Technology	'An IoT-based AI System for Smarter Weed Detection'
691	NGIRI-2024-25672	MNS University of Agriculture, Multan	Main	Computer Science	'IoT based smart system to detect chicken meat spoilage using machine learning'
692	NGIRI-2024-26314	MNS University of Agriculture, Multan	Main	Computing and Technology	'Smart Living: An Enhanced Home Automation '
693	NGIRI-2024-26436	MNS University of Agriculture, Multan	Main	Computer System	'Heritage Travels Augmented Reality Game'
694	NGIRI-2024-26553	MNS University of Agriculture, Multan	Main	Computing and Technology	'Gaze Guard:Advance Smart glasses for driver monitoring and collision prevention'
695	NGIRI-2024-27448	MNS University of Agriculture, Multan	Main	Computer Science & IT	'Proximity Based Mobile Detection System Using NFC Technology'
696	NGIRI-2024-27593	MNS University of Agriculture, Multan	Main	Computer System Engineering	'Sow Tech Robot'
697	NGIRI-2024-27770	MNS University of Agriculture, Multan	Main	Computer Science & IT	'Multipurpose CNC Laser Machine'
698	NGIRI-2024-27772	MNS University of Agriculture, Multan	Main	Computer Science & IT	'Hooves and Health: A Livestock Health Monitoring System'
699	NGIRI-2024-28129	MNS University of Agriculture, Multan	Main	Computer Science	'Deep Learning Classifies Nitrogen Deficiency in Wheat Crop'
700	NGIRI-2024-28577	MNS University of Agriculture, Multan	Main	Computer Science	'Soil Nutrients Monitoring '
701	NGIRI-2024-29027	MNS University of Agriculture, Multan	Main	Computer Science	'AirWatch Monitoring System'
702	NGIRI-2024-24608	Mohammad Ali Jinnah University	Karachi	Computer Science	'3D immersive Ecommerce'
703	NGIRI-2024-27903	Mohammad Ali Jinnah University	Karachi	Computer System Engineering	'TruthSight: Unmasking Lies with AI Facial Recognition'
704	NGIRI-2024-27905	Mohammad Ali Jinnah University	Karachi	Computer System Engineering	'Neuromorphic AI Control System for Smart Stoves'
705	NGIRI-2024-27909	Mohammad Ali Jinnah University	Karachi	Computer System Engineering	'IoT and Machine Learning based Energy Scheduling System for Residential Microgrid'
706	NGIRI-2024-27927	Mohammad Ali Jinnah University	Karachi	Electrical Engineering	'Flood control system using AI operated PLCs with SCADA integration'
707	NGIRI-2024-27928	Mohammad Ali Jinnah University	Karachi	Electrical Engineering	'Smart underwater vehicle surveillance system '
708	NGIRI-2024-27931	Mohammad Ali Jinnah University	Karachi	Electrical Engineering	'Traffic driven wind turbine for sustainable energy generation'
709	NGIRI-2024-27957	Mohammad Ali Jinnah University	Karachi	Computer System Engineering	'AI Powered Vision Guardian Asl Third Eye For Blind People'
710	NGIRI-2024-28021	Mohammad Ali Jinnah University	Karachi	Electrical Engineering	'Bio Thermo Navigator'
711	NGIRI-2024-29328	Mohammad Ali Jinnah University	Karachi	Computer Science	'Vessel Dark Activity Detection'
712	NGIRI-2024-23808	Muhammad Nawaz Sharif University of Engineering & Technology	Main	Electrical Engineering	'An Eye for Blind'
713	NGIRI-2024-23910	Muhammad Nawaz Sharif University of Engineering & Technology	Main	Electrical Engineering	'Solar Hybrid Inverter With Advanced MPPT and PFC Techniques for Optimal Peak Performance with IOT Based Power Monitoring '
714	NGIRI-2024-24397	Muhammad Nawaz Sharif University of Engineering & Technology	Main	Electrical Engineering	'Automatic Bottle Filling Capping and Labeling Station by using PLC'
715	NGIRI-2024-27496	Muhammad Nawaz Sharif University of Engineering & Technology	Main	Electrical Engineering	'Design soft starter for three phase induction motor using arduino with motor protection'
716	NGIRI-2024-27108	Namal University, Mianwali	Main	Electrical Engineering	'Design and Implementation of Pipelined RISC/V Processor with RV32IC Support '
717	NGIRI-2024-27349	Namal University, Mianwali	Main	Electrical Engineering	'Smart Foot Weight Analytics for Health Diagnosis'

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S.No	FYP Code	University	Campus	Department	FYP Title
718	NGIRI-2024-27995	Namal University, Mianwali	Main	Management and Information Sciences	'Stock Price Prediction by using ML and its Application on Webpage (Namal SPOT) '
719	NGIRI-2024-28061	Namal University, Mianwali	Main	Computer System	'Currency Detection System for blind people '
720	NGIRI-2024-28194	Namal University, Mianwali	Main	Electrical Engineering	'Dual Power Generation System Using Wind Turbines and Solar Energy'
721	NGIRI-2024-29195	Namal University, Mianwali	Main	Electrical Engineering	'An Online Intelligent Rice Classification System '
722	NGIRI-2024-24349	National College of Business Administration & Economics (NCBA&E)	Bahawalpur	Computer Science	'3-D video encryption scheme using blockchain technology'
723	NGIRI-2024-23938	National Skills University	Main	Information Technology	'Tech Bin Bot'
724	NGIRI-2024-26789	National Skills University	Main	Electrical Engineering	Design of a hybrid electric motorcycle for optimum fuel consumption
725	NGIRI-2024-27005	National Skills University	Main	Electrical Engineering	'Industrial PV Dust Buster (IDB)'
726	NGIRI-2024-27011	National Skills University	Main	Electrical Engineering	'SunSync A Dual Axis Solar Tracker with Heat Utilization '
727	NGIRI-2024-28672	National Skills University	Main	Computer Science & IT	'Smart Blind Stick'
728	NGIRI-2024-28848	National Skills University	Main	Information Technology	'Variable Head Solar Grass Cutter '
729	NGIRI-2024-29104	National Skills University	Main	Computer & Information System Engineering	'Military Spying Robot'
730	NGIRI-2024-29295	National Skills University	Main	Information Technology	'IoT-Based Smart Helmet '
731	NGIRI-2024-23782	National Textile University	Main	Computer Science	'Smart Video Object Analysis and Video Query Engine '
732	NGIRI-2024-24280	National Textile University	Main	Computer Science & IT	'Persona Styler'
733	NGIRI-2024-24323	National Textile University	Main	Computer Science	'Vote Chain: Secure Voting with Biometric Authentication and Blockchain '
734	NGIRI-2024-25218	National Textile University	Main	Computer Science	'Deepfake Image Analysis Using Spatial Features'
735	NGIRI-2024-29885	National Textile University	Main	Computer Science	'Next-Gen: Traffic Optimization using Deep Reinforcement Learning'
736	NGIRI-2024-23330	National University of Computer and Emerging Sciences (FAST-NU)	Lahore	Electrical Engineering	'Advanced Material Classification using Sensor Fusion and Machine Learning'
737	NGIRI-2024-23374	National University of Computer and Emerging Sciences (FAST-NU)	Main	Computer Science	'F23-121-R-AutoMate'
738	NGIRI-2024-23763	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Software Engineering	'Thera Play'
739	NGIRI-2024-24076	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Electrical Engineering	'To design IoT based Aqua Flow and Pesticide Spraying Robotic Sprinkler'
740	NGIRI-2024-24564	National University of Computer and Emerging Sciences (FAST-NU)	Main	Electrical/Electronics Engineering	'Implementation of Computer Numeric Control Machine to fabricate Laser induced garphene based Humidity Sensor'
741	NGIRI-2024-25180	National University of Computer and Emerging Sciences (FAST-NU)	Peshawar	Computer Science	'Smart Pillow'
742	NGIRI-2024-25510	National University of Computer and Emerging Sciences (FAST-NU)	Main	Electrical Engineering	'OBD Sentinel IoT based Automobile OBD Monitoring System'
743	NGIRI-2024-25579	National University of Computer and Emerging Sciences (FAST-NU)	Main	Electrical Engineering	'LiDAR based SLAM for creation of Digital Twins'
744	NGIRI-2024-25673	National University of Computer and Emerging Sciences (FAST-NU)	Lahore	Electrical Engineering	'Cotton Plant Disease Detection and its Cure using Machine Learning'
745	NGIRI-2024-25777	National University of Computer and Emerging Sciences (FAST-NU)	Peshawar	Computer Science	'Design and Development of Smart Electronic Pen'
746	NGIRI-2024-25918	National University of Computer and Emerging Sciences (FAST-NU)	Peshawar	Software Engineering	'Smart Underage Driver Detector '
747	NGIRI-2024-26223	National University of Computer and Emerging Sciences (FAST-NU)	Peshawar	Software Engineering	'Bone Age Detection'
748	NGIRI-2024-26300	National University of Computer and Emerging Sciences (FAST-NU)	Main	Electrical Engineering	'FPGA Implementation of a Deep Convolutional Neural Network for Surveillance Systems'
749	NGIRI-2024-26402	National University of Computer and Emerging Sciences (FAST-NU)	Main	Computer Science	'Hallucination Detection in Language Textual Model Response'
750	NGIRI-2024-26418	National University of Computer and Emerging Sciences (FAST-NU)	Main	Computer Science	'ARealm'
751	NGIRI-2024-26431	National University of Computer and Emerging Sciences (FAST-NU)	Main	Software Engineering	'Fashion Vision'
752	NGIRI-2024-26521	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Electrical Engineering	'Quality Assurance and Defect Detection System'
753	NGIRI-2024-26548	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Electrical Engineering	'Building Damage and Defects Detecting System using AI and Computer Vision'
754	NGIRI-2024-26630	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Computer Science	'Arabic Grammar Analyzer'

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S.No	FYP Code	University	Campus	Department	FYP Title
755	NGIRI-2024-26649	National University of Computer and Emerging Sciences (FAST-NU)	Lahore	Electrical Engineering	'Smart Home Garden '
756	NGIRI-2024-26790	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Software Engineering	'Pawsitive Quest '
757	NGIRI-2024-27054	National University of Computer and Emerging Sciences (FAST-NU)	Main	Computer Science	'Virtual Glasses Try ON'
758	NGIRI-2024-27382	National University of Computer and Emerging Sciences (FAST-NU)	Main	Electrical Engineering	'Detection of Epilepsy Seizures in Neonatal EEG using Explainable AI'
759	NGIRI-2024-28364	National University of Computer and Emerging Sciences (FAST-NU)	Lahore	Electrical Engineering	'Search And Rescue Robot'
760	NGIRI-2024-29026	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Software Engineering	'BrainTalk '
761	NGIRI-2024-29236	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Computer Science	'Jarvis: Urdu Voice Assistant '
762	NGIRI-2024-29241	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Software Engineering	'Information Flow Guided Grey Box Fuzzing for Smart Contract Systems'
763	NGIRI-2024-29249	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Computer Science	'Smart Parking System'
764	NGIRI-2024-29251	National University of Computer and Emerging Sciences (FAST-NU)	Chiniot-Faisalabad	Computer Science	'sewer defect detection robot'
765	NGIRI-2024-24032	National University of Modern Languages	Rawalpindi	Computer Science	'Development of a POS System for pharmacies with Data Warehousing and BI Solution for Improved Business Intelligence'
766	NGIRI-2024-24163	National University of Modern Languages	Rawalpindi	Electrical Engineering	'Smart Autonomous lawn mower '
767	NGIRI-2024-24164	National University of Modern Languages	Rawalpindi	Electrical/Electronics Engineering	'Automatic power factor correction for variable loads using IOT '
768	NGIRI-2024-24409	National University of Modern Languages	Rawalpindi	Computer Engineering	'Interactive speech emotion recognition system'
769	NGIRI-2024-24529	National University of Modern Languages	Rawalpindi	Software Engineering	'Smart Helmet with Voice Control'
770	NGIRI-2024-24615	National University of Modern Languages	Islamabad	Electrical Engineering	'Med Box: Smart Medication Remainder And Monitoring'
771	NGIRI-2024-25592	National University of Modern Languages	Islamabad	Software Engineering	'Explore Pakistan'
772	NGIRI-2024-25602	National University of Modern Languages	Rawalpindi	Computer Science	'Zakat Blockchain System'
773	NGIRI-2024-25631	National University of Modern Languages	Rawalpindi	Computer Science	'AR-BASED ONLINE FOOTWEAR PURCHASE APPLICATION'
774	NGIRI-2024-25707	National University of Modern Languages	Islamabad	Computer Science	'Object detection for visually impaired '
775	NGIRI-2024-25722	National University of Modern Languages	Islamabad	Software Engineering	'ScholarSphere: NLP-Powered University Informant'
776	NGIRI-2024-25802	National University of Modern Languages	Rawalpindi	Computer Science	'Android-based object recognition application for visually impaired'
777	NGIRI-2024-25815	National University of Modern Languages	Islamabad	Computer Science	'Dysarthria voice reconstruction'
778	NGIRI-2024-25851	National University of Modern Languages	Islamabad	Computer Science	'Prediction Vehicle CO2 emissions in Islamabad: A Radius-based model'
779	NGIRI-2024-25852	National University of Modern Languages	Islamabad	Software Engineering	'Automated Usability and Design Testing'
780	NGIRI-2024-25874	National University of Modern Languages	Islamabad	Computer Science	'AIRRR: AI enabled tools for Resume Recommendation system for Recruiters'
781	NGIRI-2024-25971	National University of Modern Languages	Islamabad	Software Engineering	'Urovision kidney stone detection system'
782	NGIRI-2024-26679	National University of Modern Languages	Faisalabad	Computer Science	'EnergicView: An IOT Based Energy Monitoring'
783	NGIRI-2024-26717	National University of Modern Languages	Rawalpindi	Electrical Engineering	'Implementation Of Smart Helmet '
784	NGIRI-2024-26818	National University of Modern Languages	Islamabad	Electrical Engineering	'Smart Shopping Trolley'
785	NGIRI-2024-26838	National University of Modern Languages	Islamabad	Electrical Engineering	'AN IoT BASED OIL SKIMMING BOAT'
786	NGIRI-2024-26899	National University of Modern Languages	Faisalabad	Computer Science	'Human Identification Using Dental features'
787	NGIRI-2024-27305	National University of Modern Languages	Faisalabad	Computer Science	'Plant care info and leaf disease detection'
788	NGIRI-2024-27355	National University of Modern Languages	Islamabad	Electronics	'Iot based smart utility control system '
789	NGIRI-2024-28060	National University of Modern Languages	Islamabad	Electrical Engineering	'Cameras enabled Robotic Arm for Smart Inventory Management System'
790	NGIRI-2024-28546	National University of Modern Languages	Faisalabad	Computer Science	'MediGan: Synthetic Data Generation and Multi-Model Learning for Accurate Medical Image Classification'
791	NGIRI-2024-23305	National University of Science and Technology (NUST)	Main	Software Engineering	'Augmented Reality Based Immersive Interior Designer ARIID'
792	NGIRI-2024-23306	National University of Science and Technology (NUST)	MCS	Electrical Engineering	'Machine Learning Accelerator on Low Cost ZYNQ SoC Based FPGA'
793	NGIRI-2024-23362	National University of Science and Technology (NUST)	MCS	Software Engineering	'AudioX'

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S.No	FYP Code	University	Campus	Department	FYP Title
794	NGIRI-2024-23457	National University of Science and Technology (NUST)	Main	Electrical Engineering	'IoT Based Air Pollution Detection for Healthcare'
795	NGIRI-2024-23501	National University of Science and Technology (NUST)	CEME	Mechanical Engineering	'Design and Fabrication of Laser Weeding Robot'
796	NGIRI-2024-23503	National University of Science and Technology (NUST)	Main	Computer Science	'Securing Pharmaceutical Supply Chain using Blockchain'
797	NGIRI-2024-23541	National University of Science and Technology (NUST)	MCS	Telecom Engineering	'Smart Solar AgroTech: Low Cost Zigbee Mesh Network'
798	NGIRI-2024-23549	National University of Science and Technology (NUST)	(PNEC) Pakistan Naval Engineering College	Electrical Engineering	'DESIGN AND DEVELOPMENT OF PROTYPE FOR HYBRID DRIVER SAFETY AND MONITORING SYSTEM USING ARTIFICIAL INTELLIGENCE '
799	NGIRI-2024-23631	National University of Science and Technology (NUST)	(PNEC) Pakistan Naval Engineering College	Electrical Engineering	'IoT Based Energy Management System for Optimal Energy Consumption in Residential Facilities'
800	NGIRI-2024-23688	National University of Science and Technology (NUST)	CEME	Computer Engineering	'Structural Analysis and Forecasting Engine'
801	NGIRI-2024-23706	National University of Science and Technology (NUST)	CEME	Mechanical Engineering	'Design and Fabrication of three body abrasive wear test rig'
802	NGIRI-2024-23730	National University of Science and Technology (NUST)	Main	Computer Science	'OptiGuard Generalized, Attention-Driven & Explainable Glaucoma Classification'
803	NGIRI-2024-23731	National University of Science and Technology (NUST)	Main	Computer Science & IT	'Textual Report Generation of Chest Radiographs using Deep Learning'
804	NGIRI-2024-23917	National University of Science and Technology (NUST)	Main	Electrical Engineering	'Autizen'
805	NGIRI-2024-23975	National University of Science and Technology (NUST)	CEME	Electrical Engineering	'Design and Implementation of a Robotic System for Real-time Water Quality Assessment and Underwater Environment Monitoring'
806	NGIRI-2024-24065	National University of Science and Technology (NUST)	Main	Computer Science	'SCIVERSE II A CHEMICAL LABORATORY SYSTEM DEVELOPED IN VIRTUAL REALITY WITH AI GUIDED LEARNING'
807	NGIRI-2024-24079	National University of Science and Technology (NUST)	Main	Computer Science	'Edu connect '
808	NGIRI-2024-24088	National University of Science and Technology (NUST)	MCS	Software Engineering	'DataDialogue'
809	NGIRI-2024-24099	National University of Science and Technology (NUST)	MCS	Electrical Engineering	'Design of Home-Hub Controller IC and its functionality implementation onÅ FPGA'
810	NGIRI-2024-24211	National University of Science and Technology (NUST)	Quetta	Computer Science	'Advanced Machine Learning-Based Human Classification and Multi-Subject Surveillance System'
811	NGIRI-2024-24258	National University of Science and Technology (NUST)	(PNEC) Pakistan Naval Engineering College	Electrical Engineering	'Precision Farming through UAV and UGV '
812	NGIRI-2024-24335	National University of Science and Technology (NUST)	Main	Mechanical Engineering	'Design and Development of Quadrupedal Robot'
813	NGIRI-2024-24771	National University of Science and Technology (NUST)	MCS	Electrical Engineering	'AI-based Fault Diagnosis of Car Engines Using Multi-Sensor Data Fusion'
814	NGIRI-2024-25652	National University of Science and Technology (NUST)	Main	Electrical Engineering	'Elderly People Fall Detection System Using mm-Wave Radar Technology '
815	NGIRI-2024-25939	National University of Science and Technology (NUST)	MCS	Electrical Engineering	'Food Grading Device For Sugarcane Juice Analysis'
816	NGIRI-2024-26242	National University of Science and Technology (NUST)	MCS	Engineering and Sciences	'Offensive AI'
817	NGIRI-2024-26836	National University of Science and Technology (NUST)	Main	Electrical Engineering	'Solar-Powered Desalination for Sustainable Freshwater Production'
818	NGIRI-2024-26866	National University of Science and Technology (NUST)	CEME	Computer Engineering	'Virtual Law Assistant: An AI enabled chatbot to guide in Legal Issues'
819	NGIRI-2024-27428	National University of Science and Technology (NUST)	Main	Computer & Information System Engineering	'VR based Training Modules for GLOF Mitigation'
820	NGIRI-2024-27654	National University of Science and Technology (NUST)	Main	Civil Engineering	'Formulation of Printable Mix Design for Prefabricated Modular Construction'
821	NGIRI-2024-27893	National University of Science and Technology (NUST)	CEME	Computer Engineering	'Smart Stethoscope'
822	NGIRI-2024-28226	National University of Science and Technology (NUST)	CEME	Electrical Engineering	'Smart cane for visually impaired '
823	NGIRI-2024-28259	National University of Science and Technology (NUST)	CEME	Computer Engineering	'AI-DRIVEN VIRTUAL STAINING APPLICATION FOR HEMATOLOGICAL PRECISION'
824	NGIRI-2024-28304	National University of Science and Technology (NUST)	MCS	Software Engineering	'AI GALLERY GENIE Where Images meets Intelligence'
825	NGIRI-2024-28386	National University of Science and Technology (NUST)	CEME	Mechanical Engineering	'Study Of Open Hole Tensile Behavior Using Synthetic/natural Fibers Hybrid Composites'
826	NGIRI-2024-28504	National University of Science and Technology (NUST)	CEME	Biomedical Engineering	'Deciphering Brain Waves: UNet Empowered P300 EEG Classification'
827	NGIRI-2024-28506	National University of Science and Technology (NUST)	CEME	Electrical	'BloodCell Counting Using Image Processing and Machine Learning'
828	NGIRI-2024-28750	National University of Science and Technology (NUST)	Main	Civil Engineering	'Semi automatic Mason '

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S.No	FYP Code	University	Campus	Department	FYP Title
829	NGIRI-2024-28756	National University of Science and Technology (NUST)	(PNEC) Pakistan Naval Engineering College	Electrical Engineering	'Iot based refrigerator monitoring system'
830	NGIRI-2024-28854	National University of Science and Technology (NUST)	Main	Science & Technology	'Swipe vs play'
831	NGIRI-2024-29228	National University of Science and Technology (NUST)	CEME	Mechanical Engineering	'DESIGN AND FABRICATION OF EMG BASED ACTIVATION AND PROPORTIONAL LOWER LIMB REHABILITATION DEVICE'
832	NGIRI-2024-29298	National University of Science and Technology (NUST)	Main	Mechanical Engineering	'Design and Manufacturing of a VTOL QuadPlane with Foldable Arms'
833	NGIRI-2024-29360	National University of Science and Technology (NUST)	Main	Mechanical Engineering	'Design And Implementation Of Optimized Multi-Target Aerial Delivery System For Flood Relief Packages'
834	NGIRI-2024-29659	National University of Science and Technology (NUST)	CEME	Mechatronics Engineering	'SceneScribe - AI Enabled Intelligent Glasses for Assistance of Visually Impaired'
835	NGIRI-2024-23870	National University of Technology (NUTECH), Islamabad	Islamabad	Electrical Engineering	'Design and Development of Human Following Robotic Trolley Auto-Walker using Machine Learning'
836	NGIRI-2024-23995	National University of Technology (NUTECH), Islamabad	Islamabad	Electrical Engineering	'Water Generation from atmospheric air for remote water deficient area'
837	NGIRI-2024-24009	National University of Technology (NUTECH), Islamabad	Islamabad	Electrical Engineering	'Wireless power transfer: Wireless charger for Electric vehicles '
838	NGIRI-2024-24395	National University of Technology (NUTECH), Islamabad	Islamabad	Electrical Engineering	'Design And Development of Power Bank Using Super Capacitors'
839	NGIRI-2024-26224	National University of Technology (NUTECH), Islamabad	Islamabad	Computer Science	'Financial Circularâ€™s Hub using web scraping automation and AI'
840	NGIRI-2024-26229	National University of Technology (NUTECH), Islamabad	Islamabad	Computer Engineering	'AI-Powered Assessment tool for Individual Lacking Presentation and Communication Skills'
841	NGIRI-2024-26233	National University of Technology (NUTECH), Islamabad	Islamabad	Computer Engineering	'Human Pose Estimation Advance Driver Assistance System'
842	NGIRI-2024-26246	National University of Technology (NUTECH), Islamabad	Islamabad	Computer Science	'Sales Forecasting Tool For E-commerce'
843	NGIRI-2024-26323	National University of Technology (NUTECH), Islamabad	Islamabad	Civil Engineering	'Material optimization using machine learning for the fire endurance of high strength concretes'
844	NGIRI-2024-26410	National University of Technology (NUTECH), Islamabad	Islamabad	Computer Engineering	'Programmable Robotic Arm Assembly Line '
845	NGIRI-2024-26483	National University of Technology (NUTECH), Islamabad	Islamabad	Civil Engineering	'Structural Health Monitoring using Machine Learning'
846	NGIRI-2024-27221	National University of Technology (NUTECH), Islamabad	Islamabad	Mechanical Engineering	'Design and Model Fabrication of Solar Water Desalination System'
847	NGIRI-2024-27554	National University of Technology (NUTECH), Islamabad	Islamabad	Mechanical Engineering	'Detachable Cost Effective Road Cleaning System '
848	NGIRI-2024-28303	National University of Technology (NUTECH), Islamabad	Islamabad	Computer Engineering	'AI Empowered '
849	NGIRI-2024-23455	Nazeer Hussain University	Main	Computer Science	'Brain tumor detection and Classification By Using DeepLearning Model'
850	NGIRI-2024-24067	Nazeer Hussain University	Main	Computer Science	'Lumpy Skin Disease Detection'
851	NGIRI-2024-25337	Nazeer Hussain University	Main	Computer Science	'Police criminal detection system utilizing AI technology'
852	NGIRI-2024-23354	NED University of Engineering & Technology	Karachi	Engineering and Sciences	'AI Vision-based Inspection System for Quality Control of Products'
853	NGIRI-2024-23512	NED University of Engineering & Technology	Karachi	Software Engineering	'Enhancing E-Bike Sustainability with Health Monitoring and Battery Swapping Infrastructure'
854	NGIRI-2024-23895	NED University of Engineering & Technology	Karachi	Biomedical Engineering	'Enhancing mobility and independence with a robotic trunk assistive device'
855	NGIRI-2024-24125	NED University of Engineering & Technology	Karachi	Electronics Engineering	'Smart Inclined Mobility Impovering disabled individuals with IOT wheelchair lifters for stairs'
856	NGIRI-2024-24248	NED University of Engineering & Technology	Karachi	Electronics	'PureZone Autonomous UV and Fog Disinfection Rover'
857	NGIRI-2024-24332	NED University of Engineering & Technology	Karachi	Telecom Engineering	'Beyond Sight: A Real-Time Navigation System for Visually Impaired'
858	NGIRI-2024-24524	NED University of Engineering & Technology	Karachi	Telecom Engineering	'Brainwave-Driven Robotics: Decoding Motor Imagery EEG Signals for Robotic Arm Control using Deep Learning.'
859	NGIRI-2024-24625	NED University of Engineering & Technology	Karachi	Biomedical Engineering	'Plasma electrolytic oxidation coating on magnesium metal for biologically active hard tissue.'
860	NGIRI-2024-24630	NED University of Engineering & Technology	Karachi	Biomedical Engineering	'DESIGN AND DEVELOPMENT OF SMART ELECTROTHERAPY UNIT'
861	NGIRI-2024-24665	NED University of Engineering & Technology	Karachi	Computer Science & IT	'Game Application For Islamic Awareness'
862	NGIRI-2024-24710	NED University of Engineering & Technology	Karachi	Software Engineering	'Development of AI-Driven Algorithms for Maximizing Rabi Crops Yield'
863	NGIRI-2024-24724	NED University of Engineering & Technology	Karachi	Software Engineering	'RevivePK: Transforming Transportation, Healthcare and Financial Well-being'

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S.No	FYP Code	University	Campus	Department	FYP Title
864	NGIRI-2024-24734	NED University of Engineering & Technology	Karachi	Computer Science & IT	'A biometric system for elderly people using eye detection'
865	NGIRI-2024-24784	NED University of Engineering & Technology	Karachi	Computer System Engineering	'Defects Identification on Piston Rods and Pipe Fork for Quality Control in Automotive Manufacturing.'
866	NGIRI-2024-24819	NED University of Engineering & Technology	Karachi	Computer System Engineering	'Urdu to Braille Bridging Literacy and Access for the Blind'
867	NGIRI-2024-25100	NED University of Engineering & Technology	Karachi	Electronics	'Design and Development of an Optimized, Dynamic and Intelligent Battery Management Software Infrastructure'
868	NGIRI-2024-25133	NED University of Engineering & Technology	Karachi	Mechanical Engineering	'Fabrication and Characterization of Hollow yarn'
869	NGIRI-2024-25168	NED University of Engineering & Technology	Karachi	Electronics Engineering	'VeinPro Device Using AVI Navigation'
870	NGIRI-2024-25207	NED University of Engineering & Technology	Karachi	Computer System Engineering	'universal plug n play oem support and personalized assistance'
871	NGIRI-2024-25224	NED University of Engineering & Technology	Karachi	Software Engineering	'AdaNow Justice for Her'
872	NGIRI-2024-25232	NED University of Engineering & Technology	Karachi	Biomedical Engineering	'Adhesive and Anti-Corrosive Composite Coating and Characterization of AZ31 Mg Alloy Substrate for Biomedical Implant Applications.'
873	NGIRI-2024-25242	NED University of Engineering & Technology	Karachi	Telecom Engineering	'AI-Based EEG Model Deployment for Major Depressive Disorder Diagnosis on Embedded Systems'
874	NGIRI-2024-25309	NED University of Engineering & Technology	Karachi	Engineering and Sciences	'Development of IoT Weather Station with NED Local MQTT broker and Dashboard'
875	NGIRI-2024-25586	NED University of Engineering & Technology	Karachi	Electronics Engineering	'Tablet Guard- a load cell based quality assurance system with image processing'
876	NGIRI-2024-25610	NED University of Engineering & Technology	Karachi	Electrical Engineering	'Development of a Myoelectric Prosthetic Arm'
877	NGIRI-2024-25628	NED University of Engineering & Technology	Karachi	Computer & Information System Engineering	'Personal Protective Equipment (PPE) Monitoring and Violation Alert System for Factory Floor Safety'
878	NGIRI-2024-25656	NED University of Engineering & Technology	Karachi	Electrical Engineering	'Design and Development of an Ocean Wave Energy Conversion System (OWECS) for Sustainable Power Generation'
879	NGIRI-2024-25901	NED University of Engineering & Technology	Karachi	Electronics Engineering	'Intelligent Brain Tumor Detection Gizmo with Radiological Report Generation'
880	NGIRI-2024-25947	NED University of Engineering & Technology	Karachi	Engineering and Sciences	'Performance Evaluation of ZigBee in indoor and outdoor environment '
881	NGIRI-2024-26199	NED University of Engineering & Technology	Karachi	Computer & Information System Engineering	'Data Vision Pro'
882	NGIRI-2024-26214	NED University of Engineering & Technology	Karachi	Electrical Engineering	'Design of an Intelligent Algorithm for CPAP Machine to Treat Sleep Apnea Patients'
883	NGIRI-2024-26307	NED University of Engineering & Technology	Karachi	Electrical Engineering	'Design of a Walking Algorithm of WatchDog Robot for Rescue and Surveillance Applications '
884	NGIRI-2024-26352	NED University of Engineering & Technology	Karachi	Computer Science & IT	'A Blockchain based e-commerce platform with the state of the art, supply chain management, authenticated resale and genuine reviews'
885	NGIRI-2024-26446	NED University of Engineering & Technology	Karachi	Computer Science & IT	'A transparent and traceable aid assistance platform based on Blockchain technology'
886	NGIRI-2024-26538	NED University of Engineering & Technology	Karachi	Computer & Information System Engineering	'FPGA-Driven Real-Time Pakistan Sign Language Recognition System'
887	NGIRI-2024-26900	NED University of Engineering & Technology	Karachi	Electrical	'Design of data acquisition system for high-speed sampled value transmission and power quality system up to 20th harmonic'
888	NGIRI-2024-27350	NED University of Engineering & Technology	Karachi	Civil Engineering	'THERMAL COMFORT MODELING OF AN ACADEMIC BUILDING'
889	NGIRI-2024-27397	NED University of Engineering & Technology	Karachi	Computer & Information System Engineering	'LogiSync-Streamlining Last Mile Logistics Through Map Matching Based Tracking For Logistics Companies'
890	NGIRI-2024-27413	NED University of Engineering & Technology	Karachi	Computer System Engineering	'Rice Grain Variety Classification Through Deep Learning'
891	NGIRI-2024-27671	NED University of Engineering & Technology	Karachi	Civil Engineering	'Water Shops and Groundwater Monitoring System for Climate Resilience '
892	NGIRI-2024-28273	NED University of Engineering & Technology	Karachi	Mechanical Engineering	'Development of a Digital Twin Framework for Turbomachinery '
893	NGIRI-2024-28385	NED University of Engineering & Technology	Karachi	Civil Engineering	'Mapping and Assessment of Urban Heat Island Effect In The Built Environment of Karachi'

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S.No	FYP Code	University	Campus	Department	FYP Title
894	NGIRI-2024-28723	NED University of Engineering & Technology	Karachi	Electrical	'Synthetic Data Creation for Motor Prognostic using Digital Twin '
895	NGIRI-2024-28747	NED University of Engineering & Technology	Karachi	Telecom Engineering	'ML-Enhanced IoT-based Electrocardiogram (ECG) Monitoring System for Patient-Centric Solution'
896	NGIRI-2024-28811	NED University of Engineering & Technology	Karachi	Science & Technology	'Enhancing Dental Health through AI for Diagnostic Accuracy'
897	NGIRI-2024-28861	NED University of Engineering & Technology	Karachi	Civil Engineering	'High Performance Textile Based Composite System for Retrofitting Application'
898	NGIRI-2024-29538	NED University of Engineering & Technology	Karachi	Computer Science	'Fashion Fusion Modeled Based Product Visualization ECommerce Web Store'
899	NGIRI-2024-25590	NFC Institute of Engineerign and Technology (NFC-UET)	Multan	Electrical Engineering	'Short term voltage stability of wind assisted micro grid using STATCOM '
900	NGIRI-2024-25599	NFC Institute of Engineerign and Technology (NFC-UET)	Multan	Electronics Engineering	'Crop diseases recognition and detection system '
901	NGIRI-2024-25625	NFC Institute of Engineerign and Technology (NFC-UET)	Multan	Electrical Engineering	'Real time monitoring and optimization of electrical load in a building. '
902	NGIRI-2024-26095	NFC Institute of Engineerign and Technology (NFC-UET)	Multan	Electrical Engineering	'AI powered Lung cancer detection using CT imaging'
903	NGIRI-2024-27342	NFC Institute of Engineerign and Technology (NFC-UET)	Multan	Computer Science	'Smart Proactive Monitoring against Air Pollution'
904	NGIRI-2024-27840	NFC Institute of Engineerign and Technology (NFC-UET)	Multan	Computer Science	'Smart Parking System'
905	NGIRI-2024-29437	NFC Institute of Engineerign and Technology (NFC-UET)	Multan	Electrical Engineering	'Unleashing the Potential of Automatic Segmentation Detection and Classification with an Advanced Computer Aided System'
906	NGIRI-2024-29455	NFC Institute of Engineerign and Technology (NFC-UET)	Multan	Electrical	'Automatic Agricultural Sprayer Machine'
907	NGIRI-2024-29713	NFC Institute of Engineerign and Technology (NFC-UET)	Multan	Computer Science	'SmartWasteMate'
908	NGIRI-2024-29949	NFC Institute of Engineerign and Technology (NFC-UET)	Multan	Engineering and Sciences	'Production Of Glucose From Corn Starch'
909	NGIRI-2024-29954	NFC Institute of Engineerign and Technology (NFC-UET)	Multan	Energy System Engineering	'SYNTHESIS OF SODIUM ION BATTERIES '
910	NGIRI-2024-30198	NFC Institute of Engineerign and Technology (NFC-UET)	Multan	Engineering and Sciences	'Synthesis of Indigenous zeolite for carbon dioxide capturing '
911	NGIRI-2024-23361	PAF Karachi Institute of Economics and Technology	Main	Computer Science	'RoboCircuit'
912	NGIRI-2024-23981	PAF Karachi Institute of Economics and Technology	North Campus	Computer Science	'Advance Cricket Coaching System'
913	NGIRI-2024-24010	PAF Karachi Institute of Economics and Technology	Main	Computer Science	'TouchCode'
914	NGIRI-2024-25113	PAF Karachi Institute of Economics and Technology	Main	Electrical/Electronics Engineering	'Design and development of computer vision based adaptive headlights'
915	NGIRI-2024-25299	PAF Karachi Institute of Economics and Technology	Main	Computer Science	'Vernacular Inbox'
916	NGIRI-2024-25345	PAF Karachi Institute of Economics and Technology	North Campus	Computer Science	'DecoAR'
917	NGIRI-2024-26848	PAF Karachi Institute of Economics and Technology	Main	Software Engineering	'Admission Sense'
918	NGIRI-2024-26873	PAF Karachi Institute of Economics and Technology	Main	Mechatronics Engineering	'Automation of Balometer used in HVAC Systems'
919	NGIRI-2024-27280	PAF Karachi Institute of Economics and Technology	Main	Mechatronics Engineering	'Development of a 4-Axis Selective Compliance Assembly Robot Arm '
920	NGIRI-2024-27301	PAF Karachi Institute of Economics and Technology	Main	Avionics Engineering	'InfinityBot Advance computer vision based VR interface robot for military and scientific applications'
921	NGIRI-2024-27398	PAF Karachi Institute of Economics and Technology	Main	Avionics Engineering	'Fly By Gloves: Robotic Arm Controlled With Gesture Glove'
922	NGIRI-2024-27412	PAF Karachi Institute of Economics and Technology	Main	Avionics Engineering	'Smart Antenna Design using Bifilar Helical Adaptive Antenna Array for ISM Band'
923	NGIRI-2024-27790	PAF Karachi Institute of Economics and Technology	Main	Software Engineering	'Augmented Reality based Unmanned Ground Vehicle'
924	NGIRI-2024-28274	PAF Karachi Institute of Economics and Technology	Main	Software Engineering	'AI Anti Cheat Invigilation Tool'
925	NGIRI-2024-29064	PAF Karachi Institute of Economics and Technology	Main	Electrical	'Design and Development of an Intelligent Healthcare Chatbot using NLP with preminilary Disease Diagnosis '
926	NGIRI-2024-24852	Pak-Austria Fachhochschule Institute of Applied Sciences & Technology	Main	Electrical Engineering	'Design of Hybrid Power Management Unit for the operation of Point Machine System in Pakistan Railway for efficient traffic control'
927	NGIRI-2024-24867	Pak-Austria Fachhochschule Institute of Applied Sciences & Technology	Main	Electrical Engineering	'Digital Controlled Intelligent Battery Management System'
928	NGIRI-2024-26452	Pak-Austria Fachhochschule Institute of Applied Sciences & Technology	Main	Electrical Engineering	'Intelligent Energy Management system for Multiple buildings at low voltages'
929	NGIRI-2024-27487	Pak-Austria Fachhochschule Institute of Applied Sciences & Technology	Main	Electrical Engineering	'Lightweight Electric Bike Using Lithium-Ion Battery and Hub Motor to Enhance Mileage'
930	NGIRI-2024-28561	Pak-Austria Fachhochschule Institute of Applied Sciences & Technology	Main	Computer Science & IT	'Hive Sentinel The Hackers Confine'

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Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
931	NGIRI-2024-29591	Pak-Austria Fachhochschule Institute of Applied Sciences & Technology	Main	Computer Science & IT	'Solosavor Journeys'
932	NGIRI-2024-23611	PMAS - Arid Agriculture University	University Institute of Information Technology	UIIT	'IoT based smart security surveillance robot'
933	NGIRI-2024-24020	PMAS - Arid Agriculture University	University Institute of Information Technology	Software Engineering	'Android Assembly Verification with Block chain'
934	NGIRI-2024-24334	PMAS - Arid Agriculture University	University Institute of Information Technology	Computer Science	'NextGenLiving'
935	NGIRI-2024-26930	PMAS - Arid Agriculture University	University Institute of Information Technology	Software Engineering	'Dengue Larvae Classification'
936	NGIRI-2024-26944	PMAS - Arid Agriculture University	University Institute of Information Technology	Computer Science & IT	'FashionXpert'
937	NGIRI-2024-26975	PMAS - Arid Agriculture University	University Institute of Information Technology	Computer Science	'Smart Agri Tech'
938	NGIRI-2024-27334	PMAS - Arid Agriculture University	University Institute of Information Technology	Computer Science	'Alfluence AI based Streamlined Collaborations'
939	NGIRI-2024-27340	PMAS - Arid Agriculture University	University Institute of Information Technology	Computer Science	'VertiBlockX'
940	NGIRI-2024-27451	PMAS - Arid Agriculture University	University Institute of Information Technology	Information Technology	'MobFix'
941	NGIRI-2024-27524	PMAS - Arid Agriculture University	University Institute of Information Technology	Computer Science & IT	'Assessment Framework for FYPs'
942	NGIRI-2024-27650	PMAS - Arid Agriculture University	University Institute of Information Technology	UIIT	'EV CONNECT PLUS'
943	NGIRI-2024-28230	PMAS - Arid Agriculture University	University Institute of Information Technology	Software Engineering	'IntelliFirewall'
944	NGIRI-2024-28533	PMAS - Arid Agriculture University	University Institute of Information Technology	UIIT	'DigiPhysio'
945	NGIRI-2024-28644	PMAS - Arid Agriculture University	University Institute of Information Technology	UIIT	'MediConnect Nexus'
946	NGIRI-2024-28803	PMAS - Arid Agriculture University	University Institute of Information Technology	Software Engineering	'GeoSpatial Based Dashboard For Electric Vehicles'
947	NGIRI-2024-28847	PMAS - Arid Agriculture University	University Institute of Information Technology	Information & Communication Technology	'Lingo Learn With AI'
948	NGIRI-2024-23407	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Electronics Engineering	'Data Transmission using LiFi technology '
949	NGIRI-2024-23534	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Electronics Engineering	'Implementation of a device to convert regular gas geyser into smart geyser'
950	NGIRI-2024-23545	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Software Engineering	'University Point Tracking System'
951	NGIRI-2024-23672	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Electronics Engineering	'Scan-n-Shop Smart Cart for shopping purpose'
952	NGIRI-2024-23693	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Electronics	'Aquaaponic System '
953	NGIRI-2024-24082	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Computer Science	'UAV for Search and Rescue Operation'
954	NGIRI-2024-24820	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Computer Science	'Detect O Drive'
955	NGIRI-2024-25046	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Software Engineering	'3D virtual tour of QUEST Nawabshah'
956	NGIRI-2024-25166	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Computer System Engineering	'Design & Implementation of Xen Hypervisor on ARMv8-A Architecture'
957	NGIRI-2024-25196	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Software Engineering	'Water Quality Prediction using Machine Learning aka Aqualnsightz'
958	NGIRI-2024-26241	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Computer Science	'Tracking System for Mentally Impaired Children'
959	NGIRI-2024-26440	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Electronics Engineering	'Prototype Development of an IoT-based Reading Monitoring and Theft Detection Mechanism for Energy Meters'
960	NGIRI-2024-27690	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Science & Technology	'Manufacturing of Sustainable and Eco-friendly Paving Materials from Discarded Plastics'
961	NGIRI-2024-27777	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Software Engineering	'Reconstruction and Restoration of King Priest of Mohenjo Daro Using Deep Learning'
962	NGIRI-2024-27847	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Information Technology	'AI Chatbot personal assistant voice recognition '
963	NGIRI-2024-27940	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Computer Science	'Heart Disease Prediction using Machine Learning'
964	NGIRI-2024-28115	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Computer Science & IT	'Sindhi words recognition using Convolutional Neural Network'
965	NGIRI-2024-28119	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Energy System Engineering	'Design and Optimization of Flat Plate Solar Collectors for Enhanced Efficiency and Performance'
966	NGIRI-2024-28268	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Science & Technology	'STUDY PHYSIOCHEMICAL PARAMETERS OF DRINKING WATER MIRPURKHAS CITY'
967	NGIRI-2024-28486	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Energy System Engineering	'Parabolic trough collector '

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S.No	FYP Code	University	Campus	Department	FYP Title
968	NGIRI-2024-29661	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Computer System Engineering	'Smart ECG Monitoring system To detect cardiac disease using Deep learning and Arduino'
969	NGIRI-2024-30185	Quaid-e-Awam University of Engineering, Science & Technology (QUEST)	Nawabshah	Mechanical Engineering	'Design Fabrication of Springless suspension with bevel gear'
970	NGIRI-2024-25664	Quaid-e-Azam University	Main	Computer Science & IT	'Drone Navigation Using Reinforcement Learning'
971	NGIRI-2024-26055	Quaid-e-Azam University	Main	Computer Science	' Smart Parking Monitoring System'
972	NGIRI-2024-29563	Quaid-e-Azam University	Main	Computer Science	'Data warehouse for glacier lakes outburst floods'
973	NGIRI-2024-29689	Qurtaba University of Science & Information Technology	Peshawar	Computer Science	'AUGMENTED PHARMACY'
974	NGIRI-2024-29704	Qurtaba University of Science & Information Technology	Peshawar	Computer Science	'Virtual Mouse'
975	NGIRI-2024-29741	Qurtaba University of Science & Information Technology	Peshawar	Computer Science	'Smart Bin'
976	NGIRI-2024-29961	Qurtaba University of Science & Information Technology	Peshawar	Computer Science	'Smart Gas Detector '
977	NGIRI-2024-24051	Rawalpindi Women University, Rawalpindi	Main	Computer Science	'kinderlib'
978	NGIRI-2024-24488	Rawalpindi Women University, Rawalpindi	Main	Information Technology	'Smart AI Lantern'
979	NGIRI-2024-23271	Riphah International University	Islamabad	Software Engineering	'Pak Agro Vertical Farming'
980	NGIRI-2024-23540	Riphah International University	Islamabad	Biomedical Engineering	'Design and Development of low-cost Infant Warmer for developing countries '
981	NGIRI-2024-24598	Riphah International University	Islamabad	Computer Science	'IslamXplorer '
982	NGIRI-2024-24603	Riphah International University	Islamabad	Computer Science	'Maternity Health Care'
983	NGIRI-2024-24604	Riphah International University	Islamabad	Software Engineering	'Home Designer'
984	NGIRI-2024-24675	Riphah International University	Islamabad	Computer Science	'Blockchain inspired e-voting app'
985	NGIRI-2024-24678	Riphah International University	Islamabad	Computer Science	'Legal adviser '
986	NGIRI-2024-25010	Riphah International University	Gulberg Green	Computer Science & IT	'Baby Guard'
987	NGIRI-2024-25093	Riphah International University	Lahore	Electrical Engineering	'Development of a Hydrogen Fuel Cell Prototype Vehicle Supported by Artificial Intelligence for Green Transport'
988	NGIRI-2024-25098	Riphah International University	Lahore	Electrical Engineering	'AI-Powered Optimized battery Health and Speed Recommendations system for E-Bikes'
989	NGIRI-2024-25124	Riphah International University	Lahore	Electrical Engineering	'Solid state power generation from waste material'
990	NGIRI-2024-25140	Riphah International University	Gulberg Green	Computer Science	'Fake Vision '
991	NGIRI-2024-25187	Riphah International University	Gulberg Green	Information Technology	'BinVigil'
992	NGIRI-2024-25226	Riphah International University	Gulberg Green	Computer Science	'Plant Guard'
993	NGIRI-2024-25228	Riphah International University	Gulberg Green	Computer Science	'VisionX'
994	NGIRI-2024-25248	Riphah International University	Faisalabad	Computing and Technology	'Blockchain Security Toolkit'
995	NGIRI-2024-25322	Riphah International University	Faisalabad	Electrical Engineering	' Smart Infant Incubator with Real-time Monitoring and Controlling'
996	NGIRI-2024-25379	Riphah International University	Faisalabad	Electrical Engineering	'An IoT Based Load Automation and Energy Management System for Smart Home'
997	NGIRI-2024-25473	Riphah International University	Faisalabad	Computer Science	'FYP Assist'
998	NGIRI-2024-25566	Riphah International University	Lahore	Electrical Engineering	'Bidirectional Dc Dc Power Converter for Smart Grid Applications'
999	NGIRI-2024-25880	Riphah International University	Faisalabad	Computer Science	'Neuron Service Tech '
1000	NGIRI-2024-26190	Riphah International University	Faisalabad	Department of Electrical Technology	'Development of IoT-based Weather Station for the Prediction of Renewable Energy Potential'
1001	NGIRI-2024-26303	Riphah International University	Faisalabad	Electrical Engineering	'Bio Energy Generation using Solar Power Microbial Electrolysis Cell'
1002	NGIRI-2024-26502	Riphah International University	Malakand	Computer Science	'Pharmaceutical Distribution system '
1003	NGIRI-2024-27527	Riphah International University	Islamabad	Electrical	'Design and Fabrication of RF Wireless Power Harvesting Systems '
1004	NGIRI-2024-27543	Riphah International University	Islamabad	Electrical Engineering	'Design and Development of infant incubator'
1005	NGIRI-2024-27566	Riphah International University	Islamabad	Electrical Engineering	'Green House Monitoring System '

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1006	NGIRI-2024-27577	Riphah International University	Islamabad	Electrical Engineering	'Designing of automated belt conveyor for loading/unloading , and counting of MCP Boxes also including weight and barcode scanning of boxes.'
1007	NGIRI-2024-27597	Riphah International University	Islamabad	Electrical	'Real Time Condition Monitoring of Industrial Motors for Protection and Control'
1008	NGIRI-2024-27750	Riphah International University	Faisalabad	Software Engineering	'CropGuard Pro'
1009	NGIRI-2024-27791	Riphah International University	Islamabad	Electrical Engineering	'Electrical Energy Power Saving/Consumption Management For Industries'
1010	NGIRI-2024-29004	Riphah International University	Faisalabad	Computer Science	'Virtual Software Houses'
1011	NGIRI-2024-24398	Salim Habib University(Barrett Hodgson University)	The Salim Habib	Computer Science & IT	'Effective eyewear shopping with AI virtual try on '
1012	NGIRI-2024-24423	Salim Habib University(Barrett Hodgson University)	The Salim Habib	Computer Science & IT	'Legal Aid for Lawyers and Non Lawyers'
1013	NGIRI-2024-24447	Salim Habib University(Barrett Hodgson University)	The Salim Habib	Biomedical Engineering	'MediSync Alert Hub'
1014	NGIRI-2024-24706	Salim Habib University(Barrett Hodgson University)	The Salim Habib	Biomedical Engineering	'An efficient P300 BCI speller for disabled patients'
1015	NGIRI-2024-24884	Salim Habib University(Barrett Hodgson University)	The Salim Habib	Biomedical Engineering	'An Intelligent Device for Diabetic Management '
1016	NGIRI-2024-27446	Salim Habib University(Barrett Hodgson University)	The Salim Habib	Computer Science	'Predictive Analysis of Polycystic Ovary Syndrome on Ultrasound Images using Explainable Artificial Intelligence and Machine Learning Operations'
1017	NGIRI-2024-28235	Salim Habib University(Barrett Hodgson University)	The Salim Habib	Computer System	'XAI Based Breast Cancer Detection and Classification'
1018	NGIRI-2024-24602	Sarhad University of Science and IT	Main	Electrical Power Engineering	'Design and Development of Smart Solar Photovoltaic Cleaning Robot'
1019	NGIRI-2024-24660	Sarhad University of Science and IT	Main	Computer Science & IT	'Development of Enhanced Housing Society Management Software with Biometric Verification, Facial Confirmation, and Streamlined Data Entry for WAPDA Town Taru Jabba Peshawar '
1020	NGIRI-2024-25640	Sarhad University of Science and IT	Main	Electrical Engineering	'IoT based ARC detection and Interruption system in Electrical Power Systems'
1021	NGIRI-2024-26558	Sarhad University of Science and IT	Main	Electrical Engineering	' Smart Electricity Billing System'
1022	NGIRI-2024-27835	Sarhad University of Science and IT	Main	Electrical Power Engineering	'Robot for Cleaning the Solid Waste from Ponds. '
1023	NGIRI-2024-29262	Sarhad University of Science and IT	Main	Computer Science & IT	'Automation of GSM Signal Jammer based on Prayer Time'
1024	NGIRI-2024-29666	Sarhad University of Science and IT	Main	Computer Science & IT	'EternalTrack: Persistent and Long-Lasting Smartphone Tracking System'
1025	NGIRI-2024-29988	Sarhad University of Science and IT	Main	Information Technology	'Design an IoT-based Home Automation System with Raspberry '
1026	NGIRI-2024-23292	Shah Abdul Latif University, Khairpur	Khairpur	Computer Science	'INFERNO GUARD ROBOT'
1027	NGIRI-2024-23718	Shah Abdul Latif University, Khairpur	Khairpur	Computer Science & IT	'IOT Based Smart Agricultural Robot '
1028	NGIRI-2024-24741	Shah Abdul Latif University, Khairpur	Khairpur	Computer Science	'Cane2Scan: Revolutionizing Sugarcane Farming with UAV-Powered White Leaf Disease Detection Using Deep Learning Models'
1029	NGIRI-2024-25033	Shah Abdul Latif University, Khairpur	Khairpur	Computer Science	'Real Time Early Eye Disease Detection using Artificial Intelligence '
1030	NGIRI-2024-25119	Shah Abdul Latif University, Khairpur	Khairpur	Computer Science	'Glide X Vision : Integrated Control System for Persons with Disabilities'
1031	NGIRI-2024-28899	Shaheed Benazir Bhutto University	Upper Dir	Computer Science	'Cryptic Secure Communication System '
1032	NGIRI-2024-24652	Shaheed Benazir Bhutto University, Shaheed Benazirabad	Nawabshah	Information Technology	'SBBU Calligrapher robot'
1033	NGIRI-2024-27796	Shaheed Benazir Bhutto University, Shaheed Benazirabad	Nawabshah	Information Technology	'Sindhi TextCraft A Text Editor for Accurate Writing'
1034	NGIRI-2024-27837	Shaheed Benazir Bhutto University, Shaheed Benazirabad	Nawabshah	Information Technology	'AI MCQS TEST '
1035	NGIRI-2024-28016	Shaheed Benazir Bhutto University, Shaheed Benazirabad	Sanghar	Computer Science & IT	E- Voting Management System for Higher Educational Institutions
1036	NGIRI-2024-29041	Shaheed Benazir Bhutto University, Shaheed Benazirabad	Nawabshah	Information Technology	'Smart Time Table Generator App'
1037	NGIRI-2024-29130	Shaheed Benazir Bhutto Women University Peshawar	Peshawar	Computer Science	'voice controlled smart home automation system '
1038	NGIRI-2024-24190	Shaheed Zulfiakar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Mechatronics Engineering	'CURO Smart Helmet'
1039	NGIRI-2024-24627	Shaheed Zulfiakar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Mechatronics Engineering	'AceBot '
1040	NGIRI-2024-24945	Shaheed Zulfiakar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Computer Science	'SafeKarachi'

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1041	NGIRI-2024-25023	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Computer Science	'Smart Assistant App for Visually Blind and Visually Impaired Individuals'
1042	NGIRI-2024-25061	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Computer Science	'SkillSift'
1043	NGIRI-2024-25526	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Larkana	Computer Science	'HostelHub'
1044	NGIRI-2024-25528	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Larkana	Computer Science	'PreDiabetics Detection System'
1045	NGIRI-2024-26774	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Larkana	Computer Science	'FoodEase'
1046	NGIRI-2024-26783	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Larkana	Computer Science	'ZabCafe Ordering App'
1047	NGIRI-2024-27027	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Mechatronics Engineering	'AQUA INTELLI FLOW'
1048	NGIRI-2024-27155	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Mechatronics Engineering	'Bioplastics bag making machine'
1049	NGIRI-2024-27337	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Science & Technology	'Preparation of chitosan hydrogel with probiotics and evaluation of its antibacterial properties '
1050	NGIRI-2024-27607	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Islamabad	Computer Science	'The VR Chemistry Lab'
1051	NGIRI-2024-27741	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Science & Technology	'Neem Hydrogel'
1052	NGIRI-2024-27966	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Science & Technology	'Exploring the Effects of Zeolite/Zinc Oxide Nanocomposites on Maize (Zea mays) Under Drought Stress'
1053	NGIRI-2024-28116	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Islamabad	Computer Science	'Iot Based Smart Helmet for Mining Workers'
1054	NGIRI-2024-29489	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Computer Science	'SmartFit'
1055	NGIRI-2024-29559	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Main	Science & Technology	'ASSESSMENT OF ANTIBACTERIAL PROFILING OF BACTERIA ISOLATED FROM SHOWER HEADS'
1056	NGIRI-2024-29590	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Hyderabad	Software Engineering	'SparkleTalk'
1057	NGIRI-2024-29599	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Hyderabad	Software Engineering	'KK CNC Woodcrafts'
1058	NGIRI-2024-29637	Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST)	Hyderabad	Software Engineering	'Learnify'
1059	NGIRI-2024-23973	Sindh Agriculture University	Tando Jam	Information Technology	'Meat Purification Testing '
1060	NGIRI-2024-23982	Sindh Agriculture University	Tando Jam	Information Technology	'A.I Based Human Disease Detection System '
1061	NGIRI-2024-24095	Sindh Agriculture University	Tando Jam	Information Technology	'Verification of Examination Slip using Object Detection'
1062	NGIRI-2024-24150	Sindh Agriculture University	Tando Jam	Information & Communication Technology	'Agrigrowth solution'
1063	NGIRI-2024-24161	Sindh Agriculture University	Tando Jam	Information Technology	'The Third Eye For Blind Man'
1064	NGIRI-2024-27735	Sindh Madresatul Islam University	Karachi	Software Engineering	'Intelligent Livestock Behavior Analytics: A Fusion of IoT and Machine Learning Technologies'
1065	NGIRI-2024-28980	Sindh Madresatul Islam University	Karachi	Computer Science	'Brain Bridging Using AI'
1066	NGIRI-2024-29010	Sindh Madresatul Islam University	Karachi	Computer Science	'FormaScan'
1067	NGIRI-2024-29574	Sindh Madresatul Islam University	Karachi	Information Technology	'Artificial Intelligence-Based Online Exam System for Monitoring and Evaluation'
1068	NGIRI-2024-29650	Sindh Madresatul Islam University	Karachi	Computer Science	'Online parking Slot Management '
1069	NGIRI-2024-29727	Sindh Madresatul Islam University	Karachi	Computer Science	'Unsupervised learning of charts by image Classification and Kmean'
1070	NGIRI-2024-23760	Sir Syed Institute of Technology, Islamabad	CASE	Electrical	'RF based Drone Detection and Identification Using Deep Learning'
1071	NGIRI-2024-24505	Sir Syed Institute of Technology, Islamabad	CASE	Electrical Engineering	'Smart Solar Flower System'
1072	NGIRI-2024-24843	Sir Syed Institute of Technology, Islamabad	CASE	Computer Science	'Real-time Cross Camera Vehicle Detection and Tracking'
1073	NGIRI-2024-25025	Sir Syed Institute of Technology, Islamabad	CASE	Software Engineering	'Computer Vision Based Agriculture System'
1074	NGIRI-2024-27182	Sir Syed Institute of Technology, Islamabad	CASE	Electrical Engineering	'Low Cost IoT based Home Security System using Computer Vision'
1075	NGIRI-2024-27739	Sir Syed Institute of Technology, Islamabad	CASE	Electrical Engineering	'AERO GUIDE '
1076	NGIRI-2024-28347	Sir Syed Institute of Technology, Islamabad	CASE	Computer Science	'Optimizing Energy Efficiency in Smart buildings'
1077	NGIRI-2024-23436	Sir Syed University of Engineering and Technology (SSUET)	Main	Software Engineering	'Speechio: Virtual Speech Therapist'

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1078	NGIRI-2024-23515	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Engineering	'Smart Bicycle System'
1079	NGIRI-2024-23516	Sir Syed University of Engineering and Technology (SSUET)	Main	Software Engineering	'ThoraXInsight'
1080	NGIRI-2024-24049	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science	'EnviroBreathe'
1081	NGIRI-2024-24128	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science	'WattWise'
1082	NGIRI-2024-24199	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science	'Avian Tech Emporium'
1083	NGIRI-2024-24275	Sir Syed University of Engineering and Technology (SSUET)	Main	Electrical	'Solar panel inspection'
1084	NGIRI-2024-24471	Sir Syed University of Engineering and Technology (SSUET)	Main	Civil Engineering	'WATER RESOURCE MANAGEMENT BY USE OF PORTABLE RUBBER DAM FOR AGRICULTURAL DEVELOPMENT AND FLOOD MITIGATION MEASURES IN CONTEXT OF PAKISTAN.'
1085	NGIRI-2024-24541	Sir Syed University of Engineering and Technology (SSUET)	Main	Information Technology	'Faceonyx'
1086	NGIRI-2024-24582	Sir Syed University of Engineering and Technology (SSUET)	Main	Software Engineering	'VisuX AI Based Simulated Reality Tour'
1087	NGIRI-2024-24674	Sir Syed University of Engineering and Technology (SSUET)	Main	Bio-Informatics	'Machine Learning Approach for Precision Medicine in Tuberculosis'
1088	NGIRI-2024-24685	Sir Syed University of Engineering and Technology (SSUET)	Main	Bio-Informatics	'DEEP LEARNING-POWERED SMARTPANCREAS: A WEB-BASED AI COMPANION FOR PANCREATIC CANCER DIAGNOSIS AND SUPPORT'
1089	NGIRI-2024-24714	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science & IT	'My Ortho'
1090	NGIRI-2024-24892	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science	'Traffic Sense'
1091	NGIRI-2024-25340	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Engineering	'shade Craft'
1092	NGIRI-2024-25759	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Engineering	'Supervised Image Stacking'
1093	NGIRI-2024-26864	Sir Syed University of Engineering and Technology (SSUET)	Main	Electronics Engineering	'HardRock: Precision Engineering for Reliable Hardness Testing'
1094	NGIRI-2024-26915	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer System	'WeCare'
1095	NGIRI-2024-27179	Sir Syed University of Engineering and Technology (SSUET)	Main	Electronics Engineering	'Vision Beyond Boundaries: Development of Cutting-Edge Eyewear Solutions for Paralysis Patients'
1096	NGIRI-2024-27339	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Engineering	'DevOps Pipeline Optimization & Automation for Secure & Scalable Kubernetes Deployments'
1097	NGIRI-2024-27383	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science & IT	'Object Following Drone'
1098	NGIRI-2024-27422	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science & IT	'Elite Bid Spot'
1099	NGIRI-2024-27469	Sir Syed University of Engineering and Technology (SSUET)	Main	Electrical Engineering	'Vehicle Data Logging '
1100	NGIRI-2024-27802	Sir Syed University of Engineering and Technology (SSUET)	Main	Electronics Engineering	'Agricultural quadcopter scan aphid alert '
1101	NGIRI-2024-28485	Sir Syed University of Engineering and Technology (SSUET)	Main	Telecom Engineering	'Smart agriculture system '
1102	NGIRI-2024-28716	Sir Syed University of Engineering and Technology (SSUET)	Main	Bio-Informatics	'In-silico studies of antiviral drug design for the target protein of dengue virus'
1103	NGIRI-2024-29140	Sir Syed University of Engineering and Technology (SSUET)	Main	Computer Science & IT	'Mouth Diseases Detection App'
1104	NGIRI-2024-29656	Sir Syed University of Engineering and Technology (SSUET)	Main	Electronics Engineering	'Cooperative Ground Robots (COBOTS) for Agriculture Harvesting'
1105	NGIRI-2024-23256	Sukkur IBA University	Main	Computer Science	'Blockchain Based Online Ticketing System Book IT'
1106	NGIRI-2024-23264	Sukkur IBA University	Main	Computer Science	'Multifunctional Personal Assistant Robot'
1107	NGIRI-2024-23600	Sukkur IBA University	Main	Electrical/Electronics Engineering	'Automated Vision System for Fabric Defect Inspection'
1108	NGIRI-2024-23702	Sukkur IBA University	Main	Computer Science	'FLIS (Futuristic Laptop with Integrated Cloud Services)'
1109	NGIRI-2024-23874	Sukkur IBA University	Main	Electrical Engineering	'Development of manta ray inspired soft fish robot with embodied sensing for efficient underwater environmental monitoring'
1110	NGIRI-2024-24222	Sukkur IBA University	Main	Computer Science	'Wrist Abnormalities Detection Using LLM'
1111	NGIRI-2024-25890	Sukkur IBA University	Main	Electrical/Electronics Engineering	'Design of Bio inspired Fly Trapping soft robot using Muscle Wires (Shape Memory Alloy)'
1112	NGIRI-2024-26547	Sukkur IBA University	Main	Electrical Engineering	'Microwaving Weeds to Enhance Agriculture'
1113	NGIRI-2024-27328	Sukkur IBA University	Main	Electrical Engineering	'Design and Fabrication of AI Assisted Soft Hand with Flexible Sensors'

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Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
1114	NGIRI-2024-27549	Sukkur IBA University	Main	Electrical Engineering	'Power Quality Analysis through Phasor Measurement Unit'
1115	NGIRI-2024-27823	Sukkur IBA University	Main	Electrical/Electronics Engineering	'Voice Guardian: Revolutionizing Mine Safety with AI- Voice Controlled Robot'
1116	NGIRI-2024-23295	The Islamia University of Bahawalpur	Baghdad	Telecom Engineering	'Smart Muff for Visually Impaired People'
1117	NGIRI-2024-23459	The Islamia University of Bahawalpur	Baghdad	Electrical Engineering	'Design and Implementation of Regenerative Braking System and Advanced Battery Management System (BMS) for an Electric Vehicle (EV)'
1118	NGIRI-2024-23522	The Islamia University of Bahawalpur	Baghdad	Electrical Engineering	'iot based Smart metering system '
1119	NGIRI-2024-23530	The Islamia University of Bahawalpur	Baghdad	Telecom Engineering	'Blockchain-based secure academic credential verification system '
1120	NGIRI-2024-24800	The Islamia University of Bahawalpur	Baghdad	Computer System Engineering	'Optimizing Intrusion Detection Systems (IDs) Through Significant Feature Selection By ML Techniques'
1121	NGIRI-2024-24915	The Islamia University of Bahawalpur	Baghdad	Computer Science	'Lidar based Robot Navigation'
1122	NGIRI-2024-29341	The Islamia University of Bahawalpur	Baghdad	Computer Engineering	'Enhancing Reconnaissance Missions through Multiple Unmanned Systems in ROS'
1123	NGIRI-2024-29624	The Islamia University of Bahawalpur	Baghdad	Computer Science & IT	'HeartGuard'
1124	NGIRI-2024-30059	The Islamia University of Bahawalpur	Baghdad	Computer Engineering	'Life Expectancy Prediction Using ML Algorithms'
1125	NGIRI-2024-23370	The Superior College	University	Electrical Engineering	'SMART GARBAGE SEGREGATION AND MANAGEMENT SYSTEM USING THE INTERNET OF THINGS'
1126	NGIRI-2024-23479	The Superior College	University	Electrical Engineering	'Design and implementation of Low cost plant growth chamber with IoT monitoring '
1127	NGIRI-2024-23508	The Superior College	University	Electrical/Electronics Engineering	'Stress Level Detection In Humans By using Machine Learning'
1128	NGIRI-2024-24663	The Superior College	University	Avionics/Aeronautical Engineering	'\ "Wireless Gesture-Controlled Robotic Arm: Revolutionizing Human-Machine Interaction\ "'
1129	NGIRI-2024-24880	The Superior College	University	Avionics Engineering	'DESIGN AND FABRICATION OF DRONE HUNTER '
1130	NGIRI-2024-24917	The Superior College	University	Computer & Information System Engineering	'Auto Detection for Lesion using Latest AI Techniques On Digital Mammography'
1131	NGIRI-2024-24924	The Superior College	University	Computer & Information System Engineering	' AI BASED CUSTOMIZED DESIGN SYSTEM FOR CLOTHING'
1132	NGIRI-2024-24928	The Superior College	University	Computer & Information System Engineering	'AI Degree Advisor'
1133	NGIRI-2024-26893	The Superior College	Gold Campus	Computer Science	'Dynamic Sun Tracking Solution'
1134	NGIRI-2024-27307	The Superior College	Gold Campus	Computer Science	'MindWheels: Designing an EEG-Controlled Wheelchair for Enhanced Mobility'
1135	NGIRI-2024-27642	The Superior College	Gold Campus	Computer Science	'ETMS Effortless Traffic Management System '
1136	NGIRI-2024-27776	The Superior College	Gold Campus	Computer Science & IT	'Multilingual Call Translator'
1137	NGIRI-2024-27828	The Superior College	University	Electrical Engineering	'Animal Monitoring System AMS via AI based top mounted Cameras to study Pharmaceutical Research in Animal Models'
1138	NGIRI-2024-27838	The Superior College	University	Electrical Engineering	'Comparative study and Simulative Analysis of Electric Vehicle Fleet Integration in AC Microgrid'
1139	NGIRI-2024-28620	The Superior College	Gold Campus	Computer Science & IT	'Biometric Unlock Cars System'
1140	NGIRI-2024-28731	The Superior College	Gold Campus	Computer Science & IT	'Swift Buy Hub'
1141	NGIRI-2024-29302	The Superior College	Gold Campus	Computer Science & IT	'SmartPark: Automated Number Plate Recognition and Secure Payment System with UserA Authentication'
1142	NGIRI-2024-29697	The Superior College	Gold Campus	Computer Science	'AetherSynth: AI-Driven Atmospheric Data Collection'
1143	NGIRI-2024-23681	The University of Faisalabad	Engineering Wing	Software Engineering	'FreightEase'
1144	NGIRI-2024-23719	The University of Faisalabad	Engineering Wing	Computer Science	'EMERGIFY'
1145	NGIRI-2024-23909	The University of Faisalabad	Engineering Wing	Software Engineering	'Online tutor Web Application'

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S.No	FYP Code	University	Campus	Department	FYP Title
1146	NGIRI-2024-25319	The University of Faisalabad	Engineering Wing	Electrical Engineering	'Advanced Navigator Robotic Vehicle Design for Deep Learning based Monitoring Assessment of Mines, Tunnel and Civil Infrastructure with Atmospheric Data Collection'
1147	NGIRI-2024-25514	The University of Faisalabad	Engineering Wing	Software Engineering	'Remote Mentor'
1148	NGIRI-2024-25636	The University of Faisalabad	Engineering Wing	Electrical/Electronics Engineering	'Design and Development of Hybrid Wireless Charging System for Electric Vehicles'
1149	NGIRI-2024-25752	The University of Faisalabad	Engineering Wing	Electrical Engineering	'Efficient Energy Management of Hybrid Vehicle'
1150	NGIRI-2024-26763	The University of Faisalabad	Engineering Wing	Computer Science	'Blockchain based Land Registration System'
1151	NGIRI-2024-28578	The University of Faisalabad	Engineering Wing	Software Engineering	'Lifelence booking system'
1152	NGIRI-2024-25994	The University of Haripur	Main	Software Engineering	'SignSecure: Machine Learning Based Signature Verification System'
1153	NGIRI-2024-26474	The University of Haripur	Main	Information Technology	'Augmented Reality In Chemical Training And Education'
1154	NGIRI-2024-26716	The University of Haripur	Main	Computer Science & IT	'Counting Crowds with AI: Revolutionizing Surveillance'
1155	NGIRI-2024-28362	The University of Haripur	Main	Information Technology	'PestPatrol: Robotic Solution for Crop Protection'
1156	NGIRI-2024-28501	The University of Haripur	Main	Information Technology	'VIRTUAL 3D REPRESENTATION OF ARCHITECTURAL DESIGNS USING AGUMENTED REALITY'
1157	NGIRI-2024-28836	The University of Haripur	Main	Telecommunication & Networking	'University attendance system '
1158	NGIRI-2024-28959	The University of Haripur	Main	Software Engineering	'ARHouse: Indoor Renovation With Augmented Reality'
1159	NGIRI-2024-29038	The University of Haripur	Main	Computer Science	'Pathwaywhispers - AI Based Career Counselling Application'
1160	NGIRI-2024-29233	The University of Haripur	Main	Software Engineering	'An AI System of Road Damage Detection '
1161	NGIRI-2024-29317	The University of Haripur	Main	Computer Science	NeuroDetect: AI-Powered Brain Tumor Detection System (BTDS)
1162	NGIRI-2024-29357	The University of Haripur	Main	Computer Science	EverMark: Facial Recognition Attendance Revolution System
1163	NGIRI-2024-29407	The University of Haripur	Main	Information & Communication Technology	'Deepfake Image Detection Through Deep Learning'
1164	NGIRI-2024-29429	The University of Haripur	Main	Computer Science	'AR based E-COMMERCE store'
1165	NGIRI-2024-29996	The University of Haripur	Main	Computer Science & IT	SecureSig: AI Signature Verification Solution
1166	NGIRI-2024-30130	The University of Haripur	Main	Telecommunication & Networking	'Enhancing Campus Navigation with Augmented Reality'
1167	NGIRI-2024-30135	The University of Haripur	Main	Information Technology	Cross-Modality Mastery: Revolutionizing Factory Navigation through Cross-Modality Distillation
1168	NGIRI-2024-30181	The University of Haripur	Main	Computer Science & IT	'CLOUD-BASED COLLABORATIVE VISUALIZATION AND MANIPULATION OF ARCHITECTURAL ARTIFACTS USING AUGMENTED REALITY'
1169	NGIRI-2024-30186	The University of Haripur	Main	Computer Science & IT	'Blockchain based IoT enabled Attendance Management System'
1170	NGIRI-2024-30233	The University of Haripur	Main	Software Engineering	AR DecoSmart: Revolutionizing Interior Design with Augmented Reality
1171	NGIRI-2024-30260	The University of Haripur	Main	Telecom Engineering	AIQ Guard: Intelligent Indoor Air Quality Monitoring System
1172	NGIRI-2024-23371	The University of Lahore	Main	Software Engineering	'iLearn'
1173	NGIRI-2024-24821	The University of Lahore	Main	Electronics	'Accident prevention detection and reporting system using Arduino '
1174	NGIRI-2024-25959	The University of Lahore	Main	Computer System	'Eco Friendly Pencils '
1175	NGIRI-2024-26261	The University of Lahore	Main	Software Engineering	'interior three sixty'
1176	NGIRI-2024-26762	The University of Lahore	Main	Software Engineering	'The Legal Assistant'
1177	NGIRI-2024-26947	The University of Lahore	Main	Computer Science & IT	'Drowsiness Prevention System'
1178	NGIRI-2024-26950	The University of Lahore	Main	Mechanical Engineering	'Design Analysis and Fabrication of Savonius Wind Turbine'
1179	NGIRI-2024-26980	The University of Lahore	Main	Computer Science	'Wrist View Augmented Reality Based E-commerce app with AI based user Recommendation'
1180	NGIRI-2024-27214	The University of Lahore	Main	Software Engineering	'MEDIQ: AI-POWERED MEDICAL DIAGNOSIS'

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S.No	FYP Code	University	Campus	Department	FYP Title
1181	NGIRI-2024-27982	The University of Lahore	Main	Electrical Engineering	'Regenerative Braking and Battery Management System for Solar Hybrid Electric Vehicles'
1182	NGIRI-2024-28004	The University of Lahore	Main	Electrical Engineering	'Design and Implementation of Anti Theft Kit for Distribution Transformer using IOT'
1183	NGIRI-2024-28553	The University of Lahore	Main	Mechanical Engineering	'Analysis of Biodiesel through Algae source under the climatic conditions of Pakistan'
1184	NGIRI-2024-28758	The University of Lahore	Main	Electrical Engineering	'Rice Planting Robot'
1185	NGIRI-2024-24545	The University of Larkano	Main	Electrical Engineering	'Design Synchronous Reluctance Motor For Electric Vehicle '
1186	NGIRI-2024-24662	The University of Larkano	Main	Electrical Engineering	'Foot step power generation system'
1187	NGIRI-2024-24720	The University of Larkano	Main	Electrical Engineering	'Design and Development of IOT based Smart Solar Grass Cutter '
1188	NGIRI-2024-25391	The University of Larkano	Main	Electronics Engineering	'Design and development of the multi-link articulated robot for pipeline inspection '
1189	NGIRI-2024-26578	The University of Larkano	Main	Electronics Engineering	'Design and development of low cost robot manipulator kit for robotics laboratory'
1190	NGIRI-2024-27401	The University of Larkano	Main	Electronics Engineering	'TransitTrace: Integrated University Bus Tracking System'
1191	NGIRI-2024-28234	The University of Larkano	Main	Electronics	'Structural Health Analysis of Sukkur Baraage Using Drone Technology'
1192	NGIRI-2024-28438	The University of Larkano	Main	Electronics Engineering	'Alzheimer\'s Disease Detection using Convolutional Neural Network '
1193	NGIRI-2024-29756	The University of Larkano	Main	Electrical Engineering	'Design of optimal solar panel low power consumed SR motor'
1194	NGIRI-2024-24052	University of Agriculture	Main	Computer Science	'Smart Grain Storage System '
1195	NGIRI-2024-24110	University of Agriculture	Main	Computer System	'AI AND BLOCKCHAIN-BASED CROP INSURANCE SYSTEM'
1196	NGIRI-2024-24160	University of Agriculture	Main	Computer Science	'AI Based Agricure pro App'
1197	NGIRI-2024-24350	University of Agriculture	Main	Computer Science	'Orange Detection and Counting System'
1198	NGIRI-2024-24385	University of Agriculture	Main	Energy System Engineering	'Renewable Energy Based Wireless EV Charging Station '
1199	NGIRI-2024-24638	University of Agriculture	Main	Mechanical Engineering	'WeedBot'
1200	NGIRI-2024-27205	University of Agriculture	Burewala	Computer Science	'ROBOTIC ARM with Gesture Control'
1201	NGIRI-2024-27694	University of Agriculture	Main	Engineering and Sciences	'Development of Air Quality Index Monitoring System '
1202	NGIRI-2024-27715	University of Agriculture	Burewala	Computer Science & IT	'm Assistive Digital Glasses for Individuals with Partial Blindness'
1203	NGIRI-2024-28052	University of Agriculture	Main	Energy System Engineering	'Design, development and performance evaluation of single axis tracking of Scheffler concentrator '
1204	NGIRI-2024-28196	University of Agriculture	Burewala	Computer Science	'Water health detector '
1205	NGIRI-2024-28215	University of Agriculture	Burewala	Information Technology	'Healthcare Humanoid Robot'
1206	NGIRI-2024-28860	University of Agriculture	Main	Engineering and Sciences	'HEIS AUTOMATION SYSTEM'
1207	NGIRI-2024-29016	University of Agriculture	Main	Energy System Engineering	'Power Generation in Electric Bicycle Using Electromagnetic Suspension System'
1208	NGIRI-2024-29370	University of Agriculture	Main	Engineering and Sciences	'Energy Efficient Fluff Collector'
1209	NGIRI-2024-29711	University of Agriculture	Main	Computer Science	'Codebin'
1210	NGIRI-2024-23798	University of Azad Jammu & Kashmir	Main	Electrical Engineering	'IoT based Smart Gas Leakage Detection and Oxygen Level Monitoring System '
1211	NGIRI-2024-24007	University of Azad Jammu & Kashmir	Main	Software Engineering	'Pak Hunar'
1212	NGIRI-2024-24042	University of Azad Jammu & Kashmir	Main	Electrical Engineering	'Battery Management System using Machine Learning'
1213	NGIRI-2024-25094	University of Azad Jammu & Kashmir	Main	Software Engineering	'Sign Language Recognition and Conversion'
1214	NGIRI-2024-25174	University of Azad Jammu & Kashmir	Main	Software Engineering	'Gaari-share(Android Application)'
1215	NGIRI-2024-27407	University of Azad Jammu & Kashmir	Main	Electrical Engineering	'EV Recharging Through Back EMF '
1216	NGIRI-2024-28069	University of Azad Jammu & Kashmir	Main	Electrical Engineering	'Design of Air Water Generator'
1217	NGIRI-2024-25172	University of Buner	Bunair	Computer Science	'Poshto Sign Language localization for disable human communication'
1218	NGIRI-2024-25260	University of Buner	Bunair	Computer Science	'Brain Tumor Clasification and Recognition using Deep Learning'

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S.No	FYP Code	University	Campus	Department	FYP Title
1219	NGIRI-2024-26170	University of Buner	Bunair	Computer Science	'English to Pashto translation using generative Artificial Intelligence'
1220	NGIRI-2024-26200	University of Buner	Bunair	Computer Science	' Blood Heart Vessel Classification and Segmentation Using Ensemble-Based Deep Learning Methods for Heart Diseases Prediction'
1221	NGIRI-2024-24078	University of Central Punjab	Main	Electrical Engineering	'Advancing Environmental Monitoring and Remote Sensing through CubeSat a Student Satellite'
1222	NGIRI-2024-24590	University of Central Punjab	Main	Mechanical Engineering	'Design and Fabrication of an industrial articulated pick and place mobile robot '
1223	NGIRI-2024-24607	University of Central Punjab	Main	Mechanical Engineering	'SINGLE-CELL SOLID OXIDE CO2 ELECTROLYZER FOR THE CONVERSION OF CO2 TO FUEL'
1224	NGIRI-2024-26304	University of Central Punjab	Main	Mechanical Engineering	'Design and Fabrication of Five axis CNC Milling machine '
1225	NGIRI-2024-26571	University of Central Punjab	Main	Computer Science & IT	'CIPHERFALL THE DIGITAL REVOLUTION BEGINS'
1226	NGIRI-2024-26577	University of Central Punjab	Main	Computer Science	'Intellidish'
1227	NGIRI-2024-26813	University of Central Punjab	Main	Computer Science	'AI-Powered Communication Assistant for the Hearing and Speech Impaired'
1228	NGIRI-2024-27452	University of Central Punjab	Main	Mechanical Engineering	'Designing A motor driven vertical stair chair lift'
1229	NGIRI-2024-27557	University of Central Punjab	Main	Computer Science & IT	'Mango Disease Detector'
1230	NGIRI-2024-27708	University of Central Punjab	Main	Electrical Engineering	'Design and Development of CANSAT A Student Satellite'
1231	NGIRI-2024-29778	University of Central Punjab	Main	Computer Science & IT	'The AuraGuid: Visual Assistive AI System for the Blind'
1232	NGIRI-2024-29779	University of Central Punjab	Main	Computer Science & IT	'Istifada'
1233	NGIRI-2024-29808	University of Central Punjab	Main	Computer Science	'AgroMarketHub'
1234	NGIRI-2024-29882	University of Central Punjab	Main	Computer Science	'Autism Therapeutic Chabot: Empowering Hearts and Minds '
1235	NGIRI-2024-23564	University of Education	Township	Information Technology	'INTEGRATED ENERGY SMART SYSTEM'
1236	NGIRI-2024-24600	University of Education	Township	Science & Technology	'Smart Tourist Tracking System '
1237	NGIRI-2024-25740	University of Education	Joharabad	Computer Science & IT	'Advance Image Encryption using Quantum Logistic map and Watermarking '
1238	NGIRI-2024-25745	University of Education	Joharabad	Computer Science & IT	'HTML and CSS Code Generation From Image '
1239	NGIRI-2024-26092	University of Education	Joharabad	Computer Science & IT	'Agile Project Management Tool for Streamlined Collaboration'
1240	NGIRI-2024-26507	University of Education	Multan	Information Technology	'Home Space Augmented Reality Furniture Placement App'
1241	NGIRI-2024-26663	University of Education	Multan	Computer Science & IT	'Human skin disease identification and classification based on image analyses model'
1242	NGIRI-2024-28167	University of Education	Joharabad	Computer Science & IT	'Autonomous Atmospheric water Generator '
1243	NGIRI-2024-28287	University of Education	Multan	Computer Science & IT	'Virtual Try On '
1244	NGIRI-2024-29510	University of Education	Vehari	Information Technology	'Bitlaw Associates '
1245	NGIRI-2024-29874	University of Education	D.G. Khan	Information Technology	'Medical Emergency Finder '
1246	NGIRI-2024-23302	University of Engineering & Technology, Lahore	Narowal	Computer Science	'An Emerging Technique of Investment for Harnessing the Power of Decentralized Autonomous Organization'
1247	NGIRI-2024-23318	University of Engineering & Technology, Lahore	Narowal	Computer Science	'Electronic voting system using blockchain and image processing '
1248	NGIRI-2024-23376	University of Engineering & Technology, Lahore	Kala Shah Kaku	Mechanical Engineering	'Design and Manufacturing of Robotic Cleaner and Defect Detector using machine learning for Coal Fired Boilers'
1249	NGIRI-2024-23404	University of Engineering & Technology, Lahore	Faisalabad	Mechatronics Engineering	'Automatic Glaze Spraying Robot For Sanitary Ware Using Plc'
1250	NGIRI-2024-23827	University of Engineering & Technology, Lahore	RCET Gujranwala	Electrical Engineering	'Breaking Barriers: Enhancing Accessibility with Smart Personal Assistance for the Visually Impaired Community'
1251	NGIRI-2024-23844	University of Engineering & Technology, Lahore	Narowal	Mechanical Engineering	'MODELING AND OPTIMIZATION OF SOLAR POWERED PYROLYSIS REACTOR FOR PLASTIC WASTE CONVERSION INTO USEFUL PRODUCTS'
1252	NGIRI-2024-23861	University of Engineering & Technology, Lahore	RCET Gujranwala	Electrical Engineering	'Lane Departure Warning System for Buses & Trucks'
1253	NGIRI-2024-23922	University of Engineering & Technology, Lahore	Narowal	Mechanical Engineering	'Fabrication and Analysis of Smoke Visualized Subsonic Wind Tunnel : An Experimental Setup'

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S.No	FYP Code	University	Campus	Department	FYP Title
1254	NGIRI-2024-24000	University of Engineering & Technology, Lahore	Swedish College of Engineering and Technology	Mechanical Engineering	Design And Fabrication of a Heat Exchanger, Oil Bath Cleaning Unit and Exhaust Gas Recirculation (HE-OBCU-EGR) Retrofit and to Study its Impact on Performance and Emissions of a Diesel Engine Fueled by Diesel Mixtures with Carbon Nanotubes
1255	NGIRI-2024-24197	University of Engineering & Technology, Lahore	Faisalabad	Electrical/Electronics Engineering	'Smart Agriculture Monitoring and Irrigation With Mobile App/IoT'
1256	NGIRI-2024-24286	University of Engineering & Technology, Lahore	Narowal	Mechanical Engineering	'Design, Fabrication and AI-Driven analysis of a speed bump based Energy Harvesting System (EHS) for Sustainable Electricity Generation'
1257	NGIRI-2024-24310	University of Engineering & Technology, Lahore	Narowal	Mechanical Engineering	'Green Ammonia Production Prototype for Sustainable energy future in Pakistan'
1258	NGIRI-2024-24389	University of Engineering & Technology, Lahore	Faisalabad	Electrical Engineering	'Smart Prescription Medicine Vending Machine'
1259	NGIRI-2024-24390	University of Engineering & Technology, Lahore	Kala Shah Kaku	Electrical Engineering	'SMART MONITORING AND PROTECTION OF DISTRIBUTION TRANSFORMER'
1260	NGIRI-2024-24393	University of Engineering & Technology, Lahore	Kala Shah Kaku	Electrical/Electronics Engineering	'Design and implementation of redundant, uninterrupted power supply with fail-safe mechanism for biomedical applications including incubator'
1261	NGIRI-2024-24408	University of Engineering & Technology, Lahore	Kala Shah Kaku	Electrical Engineering	'An AI and ML-Driven ReviveCycle Machine with a Reward-Based Mechanism for Sustainable Waste Management'
1262	NGIRI-2024-24548	University of Engineering & Technology, Lahore	Kala Shah Kaku	Electrical Engineering	'Plant Disease Detection using Unmanned Aerial Vehicle UAV'
1263	NGIRI-2024-25060	University of Engineering & Technology, Lahore	Kala Shah Kaku	Electrical Engineering	'Pre Paid Energy Meter with Hybridized Renewable Energy Source System'
1264	NGIRI-2024-25071	University of Engineering & Technology, Lahore	Swedish College of Engineering and Technology	Mechanical Engineering	'Design, Analysis, and Fabrication of Solar Seawater Desalination Machine with RO and UV Purifier.'
1265	NGIRI-2024-25136	University of Engineering & Technology, Lahore	Swedish College of Engineering and Technology	Mechanical Engineering	'Design and Fabrication of windmill for water pumping '
1266	NGIRI-2024-25326	University of Engineering & Technology, Lahore	Kala Shah Kaku	Biomedical Engineering	'Design and Development of Wearable Strain Sensors for Joint Movement Monitoring'
1267	NGIRI-2024-25387	University of Engineering & Technology, Lahore	Swedish College of Engineering and Technology	Civil Engineering	'Improving Concrete Durability Under Impact Loading Through Steel Fiber From Recycled Rubber Tyre'
1268	NGIRI-2024-25451	University of Engineering & Technology, Lahore	Swedish College of Engineering and Technology	Civil Engineering	'Estimation of Water Deficit using Arc GIS and Remote Sensing for Walhar Canal , District Rahim yar khan, Tehsil Sadiqabad '
1269	NGIRI-2024-25467	University of Engineering & Technology, Lahore	Swedish College of Engineering and Technology	Mechanical Engineering	'Design and fabrication of a machine for automatic waste sorting and preparing compost from organic waste'
1270	NGIRI-2024-25544	University of Engineering & Technology, Lahore	Faisalabad	Mechatronics Engineering	'3D Markerless Motion Capture System for Diagnosis of Parkinsons Disease\ ' OR '\Design of kinematic assessments tools for diagnosis of neurological diseases'
1271	NGIRI-2024-25865	University of Engineering & Technology, Lahore	Lahore	Computer Engineering	'Smart Hand Talk'
1272	NGIRI-2024-25881	University of Engineering & Technology, Lahore	Kala Shah Kaku	Mechanical Engineering	'IoT-Based Automation of Agri-drone for Pesticide Spraying'
1273	NGIRI-2024-25911	University of Engineering & Technology, Lahore	Lahore	Computer Engineering	'Guided Indoor Navigation for the Visually Impaired People'
1274	NGIRI-2024-26265	University of Engineering & Technology, Lahore	Faisalabad	Electrical Engineering	'Digital Board pro: A Smart Device for Converting Display Screens into Interactive Whiteboards '
1275	NGIRI-2024-26266	University of Engineering & Technology, Lahore	Faisalabad	Mechatronics Engineering	'Development and Control of Ankle Foot Prosthesis'
1276	NGIRI-2024-26391	University of Engineering & Technology, Lahore	Narowal	Electrical Engineering	'Implementation of Autonomous Railway Line Fault Detection Robot Using Deep learning'
1277	NGIRI-2024-26584	University of Engineering & Technology, Lahore	Lahore	Computer Science	'Visual Aberrant Behavior Analysis for Senior Assistive Living'
1278	NGIRI-2024-26587	University of Engineering & Technology, Lahore	Kala Shah Kaku	Electrical Engineering	'Automated Precision Object Manipulation System (APOMS): Integrating Computer Vision and 3D Printed Robotic Arm Technology'
1279	NGIRI-2024-26741	University of Engineering & Technology, Lahore	Sharif College of Engineering and Technology	Electrical Engineering	'IoT Enabled Induction motor control using PLC HMI SCADA Sensor Fusion and Predictive Maintenance through AI'
1280	NGIRI-2024-27057	University of Engineering & Technology, Lahore	Faisalabad	Mechatronics Engineering	'Design and Development of Wearable Data Acquisition System for Biomechanical Analysis'
1281	NGIRI-2024-27180	University of Engineering & Technology, Lahore	Faisalabad	Electrical Engineering	'Solar Powered Seed Sprayer Machine for sustainable and efficient agriculture'
1282	NGIRI-2024-27219	University of Engineering & Technology, Lahore	Faisalabad	Electrical Power Engineering	'Design and Implementation of Electric Bicycle'
1283	NGIRI-2024-27628	University of Engineering & Technology, Lahore	Kala Shah Kaku	Computer Science	'Gestational sac segmentation using CNNs for Early Pregnancy Detection and Diagnosis'

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S.No	FYP Code	University	Campus	Department	FYP Title
1284	NGIRI-2024-28281	University of Engineering & Technology, Lahore	Kala Shah Kaku	Computer Science	'Sign Sense Gesture Communication System'
1285	NGIRI-2024-28464	University of Engineering & Technology, Lahore	Kala Shah Kaku	Computer Science	'Sign Craft '
1286	NGIRI-2024-28906	University of Engineering & Technology, Lahore	Lahore	Mechatronics Engineering	'AR-Empowered CPR Training'
1287	NGIRI-2024-29304	University of Engineering & Technology, Lahore	Lahore	Computer Science	'Kalopsia'
1288	NGIRI-2024-29347	University of Engineering & Technology, Lahore	Lahore	Computer Engineering	'ML Enhanced Digital twin of Punjab\'s JC Region'
1289	NGIRI-2024-29377	University of Engineering & Technology, Lahore	Lahore	Computer Engineering	' Smart Surgical Hand: AI & EMG for Fatigue Analysis'
1290	NGIRI-2024-29462	University of Engineering & Technology, Lahore	Lahore	Computer Science	'AI Hadi NER for the urdu translation of Quran'
1291	NGIRI-2024-29630	University of Engineering & Technology, Lahore	Narowal	Biomedical Engineering	'Sign Language to Speech Translation using Flexible sensor Arrays'
1292	NGIRI-2024-29923	University of Engineering & Technology, Lahore	Lahore	Mechatronics Engineering	'Electric Formula Car with Regenerative Braking System'
1293	NGIRI-2024-29944	University of Engineering & Technology, Lahore	Swedish College of Engineering and Technology	Civil Engineering	Development and evaluation of nano-carbon-cement composite sensors for health monitoring of civil structures
1294	NGIRI-2024-23498	University of Engineering & Technology, Peshawar	Jalozai	Mechanical Engineering	'Design And Fabrication Of Drainage Cleaning Machine'
1295	NGIRI-2024-23655	University of Engineering & Technology, Peshawar	Peshawar	Mechatronics Engineering	'Pneumatic Engine Prototype'
1296	NGIRI-2024-23694	University of Engineering & Technology, Peshawar	Peshawar	Mechatronics Engineering	'Design and Fabrication of Melt Flow Index (MFI) Machine '
1297	NGIRI-2024-23871	University of Engineering & Technology, Peshawar	Peshawar	Mechatronics Engineering	'Design and Fabrication of Three D Bio Printer of Tissues Engineering'
1298	NGIRI-2024-23889	University of Engineering & Technology, Peshawar	Peshawar	Mechatronics Engineering	'Development of Autonomous Medicine Delivery Robot for Hospital Applications'
1299	NGIRI-2024-23937	University of Engineering & Technology, Peshawar	Jalozai	Electrical Engineering	'Design and Fabrication of a Portable Solar Cooler Using Thermoelectric Effect'
1300	NGIRI-2024-24240	University of Engineering & Technology, Peshawar	Jalozai	Civil Engineering	'Traffic control system using image processing'
1301	NGIRI-2024-24593	University of Engineering & Technology, Peshawar	Jalozai	Mechanical Engineering	'Feasibility Assessment Of sustainable production facility for Himalayan Salt in pakistan'
1302	NGIRI-2024-24646	University of Engineering & Technology, Peshawar	Abbottabad	Electronics Engineering	'Induction cooking using solar energy '
1303	NGIRI-2024-25160	University of Engineering & Technology, Peshawar	Bannu	Civil Engineering	'To Evaluate the Mechanical Properties of Rubberized Concrete under Elevated Temperature'
1304	NGIRI-2024-25506	University of Engineering & Technology, Peshawar	Jalozai	Electrical Engineering	' Precision Agriculture Enhancement through Machine Learning and IoT Integration'
1305	NGIRI-2024-25684	University of Engineering & Technology, Peshawar	Jalozai	Electrical Engineering	'Smart automation and monitoring of water tubewell system for Water and sanitation services Company through IoT'
1306	NGIRI-2024-25697	University of Engineering & Technology, Peshawar	Jalozai	Civil Engineering	'Numerical modeling of Mechanically Stabilized Earth Walls using GFRP bars embedded in sand'
1307	NGIRI-2024-26172	University of Engineering & Technology, Peshawar	Jalozai	Mechanical Engineering	'Design and Fabrication of mold for testing the mechanical properties of Recycled polymers for sustainability in industry'
1308	NGIRI-2024-26348	University of Engineering & Technology, Peshawar	Peshawar	Electrical Power Engineering	'Regenerative Suspension System for an electric vehicles for an effective harvesting of the energy'
1309	NGIRI-2024-26442	University of Engineering & Technology, Peshawar	Peshawar	Electrical Power Engineering	'Real-Time Monitoring and Protection Of Distribution Transformer'
1310	NGIRI-2024-26653	University of Engineering & Technology, Peshawar	Jalozai	Civil Engineering	'Validation of experimental and numerical results using large direct shear test'
1311	NGIRI-2024-26671	University of Engineering & Technology, Peshawar	Peshawar	Mechanical Engineering	'IoT-Based Predictive Maintenance and Monitoring System for Industrial Motors '
1312	NGIRI-2024-26952	University of Engineering & Technology, Peshawar	Jalozai	Electrical Engineering	'IoT Based Smart Green House System'
1313	NGIRI-2024-27036	University of Engineering & Technology, Peshawar	Peshawar	Mechanical Engineering	'Design and Fabrication of Folding Wing VTOL UAV For Payload Transportation'
1314	NGIRI-2024-27103	University of Engineering & Technology, Peshawar	Peshawar	Industrial Electronics	'Mold Design For Footrest Of WheelChair'
1315	NGIRI-2024-27299	University of Engineering & Technology, Peshawar	Jalozai	Electrical	'Performance Enhancement of Photovoltaic Cell using Thermal Electric Cooling TEC'
1316	NGIRI-2024-27792	University of Engineering & Technology, Peshawar	Peshawar	Mechanical Engineering	'Design and Fabrication of Life Saving Robot U buoy'
1317	NGIRI-2024-28146	University of Engineering & Technology, Peshawar	Jalozai	Mechanical Engineering	'Chainless Leverage Bicycle '
1318	NGIRI-2024-28201	University of Engineering & Technology, Peshawar	Jalozai	Electrical	'An IOT based vehicle security and control'
1319	NGIRI-2024-28286	University of Engineering & Technology, Peshawar	Jalozai	Electrical	'IOT Based Smart Switch Board Technology for Smart Home'

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Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
1320	NGIRI-2024-29572	University of Engineering & Technology, Peshawar	Jalozai	Civil Engineering	'Utilizing Novel Machine learning Techniques to predict the compressive strength of graphene Nano particles reinforced Cementitious composites '
1321	NGIRI-2024-29823	University of Engineering & Technology, Peshawar	Peshawar	Industrial Electronics	'Factorial design to optimize dye removal from wastewater in a local textile industry'
1322	NGIRI-2024-23294	University of Engineering & Technology, Taxila	Taxila	Software Engineering	'Clone My Voice'
1323	NGIRI-2024-23363	University of Engineering & Technology, Taxila	Taxila	Computer Engineering	'NeuroAd EEG Based Personalized Ad Preference Prediction'
1324	NGIRI-2024-23673	University of Engineering & Technology, Taxila	Taxila	Mechanical Engineering	'Fabrication of 3D Printer Filament from Waste Bottles '
1325	NGIRI-2024-24179	University of Engineering & Technology, Taxila	Taxila	Electrical	'Orchard Management and Monitoring via UAS'
1326	NGIRI-2024-24537	University of Engineering & Technology, Taxila	Taxila	Computer Engineering	'Enhancing user experience through scented media'
1327	NGIRI-2024-25616	University of Engineering & Technology, Taxila	Taxila	Electrical	'Design and Fabrication of Smart Portable Certification System'
1328	NGIRI-2024-26118	University of Engineering & Technology, Taxila	Taxila	Software Engineering	'Sight Sync'
1329	NGIRI-2024-26141	University of Engineering & Technology, Taxila	Taxila	Software Engineering	'Pixelizedpng Smart Photo Distribution for Events'
1330	NGIRI-2024-26635	University of Engineering & Technology, Taxila	Taxila	Computer Engineering	'EIn-Mirror Emotional Intelligent Mirror '
1331	NGIRI-2024-26869	University of Engineering & Technology, Taxila	Taxila	Telecom Engineering	'Data Collection In Wireless Sensing Network with Multiple Robotic'
1332	NGIRI-2024-27192	University of Engineering & Technology, Taxila	Taxila	Electrical Engineering	'Solar Induction Wireless Electric Vehicle Charging Station'
1333	NGIRI-2024-27415	University of Engineering & Technology, Taxila	Taxila	Electrical Engineering	'Design and Analysis of Electric Bicycle with Dual Axis Solar Tracking Mechanism using UV Sensors'
1334	NGIRI-2024-28648	University of Engineering & Technology, Taxila	Taxila	Electrical Engineering	'Solid State Transformer Based Electric Vehicle Charger '
1335	NGIRI-2024-29120	University of Engineering & Technology, Taxila	Taxila	Computer Engineering	'CuddleCare Health and Behavioral Monitoring of Neonates using Deep Learning and Computer Vision'
1336	NGIRI-2024-23550	University of Engineering & Technology, Mardan	Mardan	Electrical Engineering	'Design, Identification and Implementation of an acoustic-based Gunshot Detection and Localization System'
1337	NGIRI-2024-23920	University of Engineering & Technology, Mardan	Mardan	Telecom Engineering	'Multiband Antennas With Reduced Mutual Coupling and Low Wrist Effect for Next Generation of Smart Watches'
1338	NGIRI-2024-23921	University of Engineering & Technology, Mardan	Mardan	Telecom Engineering	'Smart agriculture system '
1339	NGIRI-2024-23940	University of Engineering & Technology, Mardan	Mardan	Computer Science	'Facemimic'
1340	NGIRI-2024-23947	University of Engineering & Technology, Mardan	Mardan	Computer Science	'Digitization of Governor Secretariat'
1341	NGIRI-2024-23969	University of Engineering & Technology, Mardan	Mardan	Electrical Power Engineering	'Modeling Of Gas Detecting Device For Providing Safety'
1342	NGIRI-2024-24542	University of Engineering & Technology, Mardan	Mardan	Computer Science	'Automated Sinusitis Detection using Deep Learning'
1343	NGIRI-2024-25002	University of Engineering & Technology, Mardan	Mardan	Electrical Engineering	'Enhancing Hydroelectric efficiency with water recycling using solar energy'
1344	NGIRI-2024-25141	University of Engineering & Technology, Mardan	Mardan	Electrical Engineering	'To design Solar Powered Water Surface Garbage Collecting Boat'
1345	NGIRI-2024-25193	University of Engineering & Technology, Mardan	Mardan	Electrical	'Voice activated, body detecting and auto temperature adjusting IoT shower Valve.'
1346	NGIRI-2024-25324	University of Engineering & Technology, Mardan	Mardan	Telecom Engineering	'Iot based cattle farm monitoring system'
1347	NGIRI-2024-25455	University of Engineering & Technology, Mardan	Mardan	Telecom Engineering	'Design and Analysis of Metamaterial based Wearable Antennas for Communication and Medical Application'
1348	NGIRI-2024-29706	University of Engineering & Technology, Mardan	Mardan	Electrical Engineering	'Solar Based Smart Grass Cutting Robot'
1349	NGIRI-2024-24306	University of Gujrat	Hafiz Hayat	Electrical Engineering	'stereo vision navigation of quadruped robot'
1350	NGIRI-2024-27779	University of Gujrat	Hafiz Hayat	Electrical Engineering	'Multi Modal Gaze Shifting with Visual and Acoustic Information'
1351	NGIRI-2024-28042	University of Gujrat	Hafiz Hayat	Electrical Engineering	'Lower limb exoskeleton for rehabilitation'
1352	NGIRI-2024-28163	University of Gujrat	Hafiz Hayat	Electrical Engineering	'Steering control of Ackerman architecture weed managing mobile robot '
1353	NGIRI-2024-29890	University of Gujrat	Hafiz Hayat	Computer System	'PlayPulse'
1354	NGIRI-2024-29549	University of Jhang	Main	Computer Science & IT	'3D-PRINTED "THIRD THUMB" ON HUMAN AUGMENTATION'
1355	NGIRI-2024-29714	University of Jhang	Main	Computer Science & IT	'Talking Alert '

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S.No	FYP Code	University	Campus	Department	FYP Title
1356	NGIRI-2024-27721	University of Karachi	Main	Computer Science	'Pathological Lab System'
1357	NGIRI-2024-27728	University of Karachi	Main	Computer Science	'AI Sign-to-Speech: Empowering Deaf Communication'
1358	NGIRI-2024-27730	University of Karachi	Main	Computer Science	'Envision Specs Glasses - Assistive Device for the Visually Impaired Using Deep Learning Model'
1359	NGIRI-2024-27743	University of Karachi	Main	Software Engineering	'Therapy: Revolutionizing Mental Health Access'
1360	NGIRI-2024-29358	University of Karachi	Main	Computer Science	'Customised LLM Application for Ubit'
1361	NGIRI-2024-29460	University of Karachi	Main	Software Engineering	'SheDrive'
1362	NGIRI-2024-24294	University of Kotli	Main Campus	Computing and Technology	'Child safety monitoring system with wearable camera'
1363	NGIRI-2024-27220	University of Kotli	Main Campus	Computer Science & IT	'Smart Computer Vision System'
1364	NGIRI-2024-27399	University of Kotli	Main Campus	Computer Science & IT	'TomatoTally: AI-Powered Tomato Fruit Tracker'
1365	NGIRI-2024-27545	University of Kotli	Main Campus	Software Engineering	'Green Links '
1366	NGIRI-2024-28190	University of Kotli	Main Campus	Computer Science & IT	'HumanResource Management in the age of Artificial Intelligence '
1367	NGIRI-2024-24639	University of Lakki Marwat	Main	Computer Science & IT	'Multimodal Dental Caries Classification and Segmentation Using Hybrid Convolutional Neural Networks'
1368	NGIRI-2024-27323	University of Malakand	Chakdara	Software Engineering	'ADHD Detection Model'
1369	NGIRI-2024-28654	University of Malakand	Chakdara	Computer Science & IT	'Push-to-Speech to Text Processing System using Deep Learning and Transformers'
1370	NGIRI-2024-30119	University of Malakand	Chakdara	Software Engineering	'Fuel Petrol High Speed Diesel and LPG price prediction using ML and DL'
1371	NGIRI-2024-23288	University of Management and Technology	Lahore	Computer Science	'Domain-Specific Contextual Smart Embedding for Medical Question Answering ChatBot'
1372	NGIRI-2024-23778	University of Management and Technology	Sialkot	Electrical Engineering	'Automatic Power Factor Correction for Power Quality Improvement Using ATmega328'
1373	NGIRI-2024-24198	University of Management and Technology	Lahore	Mechanical Engineering	'Belt and Pulley controlled BiPAP ventilation and patient monitoring system'
1374	NGIRI-2024-24320	University of Management and Technology	Lahore	Computer Science & IT	'AI Deep Fake Detection'
1375	NGIRI-2024-25214	University of Management and Technology	Lahore	Electrical Engineering	'IoT Based Smart Health Monitoring System'
1376	NGIRI-2024-25302	University of Management and Technology	Lahore	Electrical Engineering	'CATTLE MONITORING SYSTEM USING SMART SENSORS FOR HEALTH MONITORING and CATTLE MANAGEMENT'
1377	NGIRI-2024-25547	University of Management and Technology	Lahore	Mechanical Engineering	'Design and Development of an Energy-Efficient Grain Dryer system'
1378	NGIRI-2024-25645	University of Management and Technology	Lahore	Mechanical Engineering	'Design and Development of Autonomous Exoskeleton Arm for Enhanced Rehabilitation of Paralyzed Patients'
1379	NGIRI-2024-25749	University of Management and Technology	Lahore	Electrical	'wearable health monitoring device using iot'
1380	NGIRI-2024-25943	University of Management and Technology	Lahore	Electrical Engineering	'Gesture controlled robotic arm using leap Motion controller 2 '
1381	NGIRI-2024-26168	University of Management and Technology	Lahore	Electrical Engineering	'Indoor Localization System'
1382	NGIRI-2024-26582	University of Management and Technology	Lahore	Mechanical Engineering	'Indigenous Design and Development of a Portable Automated CPR Machine with Integrated Vital Monitoring for Enhanced Emergency Medical Care: A Cost-Effective Solution for Low-Resource Settings'
1383	NGIRI-2024-26707	University of Management and Technology	Sialkot	Computer Science & IT	'Machine Learning Incorporating Surveillance & logging Using Computer Vision'
1384	NGIRI-2024-25557	University of Mianwali	Main	Information Technology	'LifeConnect'
1385	NGIRI-2024-24241	University of Narowal	Main	Computer Science & IT	'Health card integration in HMS '
1386	NGIRI-2024-24251	University of Narowal	Main	Computer Science & IT	'Automated Social Media Content Moderator Using Machine Learning'
1387	NGIRI-2024-24268	University of Narowal	Main	Computer Science	'Real Time Sign Language Detection'
1388	NGIRI-2024-24296	University of Narowal	Main	Computer Science	'Lungs Disease Detection and Cancer Risk Prediction Using AI'
1389	NGIRI-2024-24932	University of Narowal	Main	Computer Science	'Para Gesture Talk'
1390	NGIRI-2024-27438	University of Narowal	Main	Computer Science	' Detection of Cyber attacks through ML'
1391	NGIRI-2024-26492	University of Peshawar	Peshawar	Electronics	'DESIGN AND IMPLEMENTATION OF SMART PRAYER MAT'

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S.No	FYP Code	University	Campus	Department	FYP Title
1392	NGIRI-2024-26493	University of Peshawar	Peshawar	Electronics	'Computer Vision based Follow Me Shopping cart with Billing System'
1393	NGIRI-2024-23365	University of Sargodha	Main	Electrical Engineering	'ADVANCED INFUSION PUMP USING IOT.'
1394	NGIRI-2024-23394	University of Sargodha	Main	Electrical	'IOT-Based 3-Phase Load and Fault Analysis with Phase Shifting and Auto-Reset'
1395	NGIRI-2024-23542	University of Sargodha	Main	Electrical Engineering	'IOT Based Railway Inspection System A smart Approach To Improve Safety and Reliability '
1396	NGIRI-2024-23613	University of Sargodha	Main	Electrical Engineering	'Smart Road Safety and Vehicle accident prevention, detection and reporting system for Mountain roads'
1397	NGIRI-2024-23801	University of Sargodha	Main	Mechanical Engineering	'Optimization of sand battery for effective heat transfer'
1398	NGIRI-2024-24354	University of Sargodha	Main	Computer Science & IT	'News Wave'
1399	NGIRI-2024-24359	University of Sargodha	Main	Computer Science & IT	'Triple Negative Breast Cancer Classification Using Machine Learning'
1400	NGIRI-2024-24367	University of Sargodha	Main	Mechanical Engineering	'Development of a Bio Micromachining Process based on bacterial ink for Surface Texturing'
1401	NGIRI-2024-24551	University of Sargodha	Main	Computer Science & IT	'Emolislam'
1402	NGIRI-2024-24557	University of Sargodha	Main	Information Technology	'ShopSmart '
1403	NGIRI-2024-24572	University of Sargodha	Main	Electrical/Electronics Engineering	'Dynamic Balancing Of Rotary Inverted Pendulum'
1404	NGIRI-2024-24845	University of Sargodha	Main	Computer Science & IT	'GDPR Compliance Scanner'
1405	NGIRI-2024-25034	University of Sargodha	Main	Information Technology	'Shifting Realities A Tale of Three Worlds'
1406	NGIRI-2024-25267	University of Sargodha	Main	Software Engineering	'MindMate'
1407	NGIRI-2024-25270	University of Sargodha	Main	Software Engineering	'Gobang'
1408	NGIRI-2024-25479	University of Sargodha	Main	Software Engineering	'EcoSmart'
1409	NGIRI-2024-27630	University of Sargodha	Main	Information Technology	'Pharmacy Management System With AI Doctor'
1410	NGIRI-2024-27640	University of Sargodha	Main	Electrical Engineering	'Comparative analysis of soil nutrients from Sargodha and Gujrat region for citrus production'
1411	NGIRI-2024-27663	University of Sargodha	Main	Information Technology	'IOT Based card Accident Detection and rescue system'
1412	NGIRI-2024-27973	University of Sargodha	Main	Computer Science	'Lost And Found item'
1413	NGIRI-2024-27999	University of Sargodha	Main	Computer Science	'SkinCare Mart'
1414	NGIRI-2024-28017	University of Sargodha	Main	Computer Science	'SEO Strategy Advisor'
1415	NGIRI-2024-28835	University of Sargodha	Main	Software Engineering	'Citrus Disease Detection'
1416	NGIRI-2024-26225	University of Science & Technology	Main	Software Engineering	'Efficient Skin Cancer Detection using Ensemble of Machine Learning and Deep Learning Techniques with Image Super-Resolution'
1417	NGIRI-2024-27223	University of Science & Technology	Main	Software Engineering	'Online Ticket Booking System'
1418	NGIRI-2024-27330	University of Science & Technology	Main	Software Engineering	'Community Services'
1419	NGIRI-2024-27865	University of Science & Technology	Main	Software Engineering	'ECOMMERCE CHATBOT'
1420	NGIRI-2024-29853	University of Science & Technology	Main	Electrical Engineering	'Anti Earthquake Bed'
1421	NGIRI-2024-23686	University of Sialkot, Sialkot	Sialkot	Software Engineering	'SaadaMove A Gamified Rehabilitation Solution Using Motion Detection'
1422	NGIRI-2024-23695	University of Sialkot, Sialkot	Sialkot	Software Engineering	'Blindsight '
1423	NGIRI-2024-23696	University of Sialkot, Sialkot	Sialkot	Software Engineering	'Apple Disease Detection using leaf images'
1424	NGIRI-2024-23698	University of Sialkot, Sialkot	Sialkot	Software Engineering	'CardioPulse: Cardiovascular disease Prediction through an Integrated Machine Learning Framework'
1425	NGIRI-2024-23945	University of Sialkot, Sialkot	Sialkot	Computer Science	'Personality Prediction through CV Analysis'
1426	NGIRI-2024-23983	University of Sialkot, Sialkot	Sialkot	Computer Science	'AI Based Learning System for Deaf Community'
1427	NGIRI-2024-24193	University of Sialkot, Sialkot	Sialkot	Computer Science	'Rapid Fire Fighting Robot Car'

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S.No	FYP Code	University	Campus	Department	FYP Title
1428	NGIRI-2024-25384	University of Sialkot, Sialkot	Sialkot	Information Technology	'Self Balancing robot for restaurant'
1429	NGIRI-2024-25916	University of Sialkot, Sialkot	Sialkot	Computer System	'Application for smart hydroponics system in pakistan'
1430	NGIRI-2024-26147	University of Sialkot, Sialkot	Sialkot	Computer System	'hydroponic system for rice'
1431	NGIRI-2024-26852	University of Sialkot, Sialkot	Sialkot	Computer Science	'Swim Eye â€” IOT Drowning Detector'
1432	NGIRI-2024-27843	University of Sialkot, Sialkot	Sialkot	Computing and Technology	'Smart burner '
1433	NGIRI-2024-28005	University of Sialkot, Sialkot	Sialkot	Information Technology	'Elektron Guardian'
1434	NGIRI-2024-23620	University of Sindh	Allama I.I Kazi	Information Technology	'Real-time Pothole Detection with YOLO-v7 for Autonomous Vehicles'
1435	NGIRI-2024-24637	University of Sindh	Allama I.I Kazi	Software Engineering	'Advanced Spying & Bomb Disposal Robot'
1436	NGIRI-2024-25169	University of Sindh	Badin	Computer Science	'360 degree fire fighting robot'
1437	NGIRI-2024-25376	University of Sindh	Badin	Computer Science	'Obstacle Detection System with Voice Commands for visually impaired People'
1438	NGIRI-2024-25585	University of Sindh	Badin	Computer Science	'Smart Agriculture Land'
1439	NGIRI-2024-25724	University of Sindh	Badin	Computer System	'Tambora Music Player'
1440	NGIRI-2024-27710	University of Sindh	Allama I.I Kazi	Software Engineering	'ARchitect Design Your Space with Augmented Reality'
1441	NGIRI-2024-27738	University of Sindh	Allama I.I Kazi	Electronics Engineeering	'GREEN: Automated Fertilizer Mixing and Dispensing System'
1442	NGIRI-2024-27785	University of Sindh	Badin	Computer Science	'Sindhi Dictionary'
1443	NGIRI-2024-27901	University of Sindh	Allama I.I Kazi	Electronics Engineeering	' Industrial Heat Recovery for Green Energy Generation'
1444	NGIRI-2024-28283	University of Sindh	Allama I.I Kazi	Electronics	'Design and implementation of industrial Robotic Arm for pick and Place services '
1445	NGIRI-2024-28590	University of Sindh	Mirpur Khas	Information Technology	'Handy3'
1446	NGIRI-2024-29368	University of Sindh	Allama I.I Kazi	Software Engineering	'EduGuide Bot'
1447	NGIRI-2024-29369	University of Sindh	Allama I.I Kazi	Software Engineering	'FYPease an AI Base'
1448	NGIRI-2024-27774	University of Sufism and Modern Sciences, Bhitshah Sindh	Main	Computer Science	'Diabetes Prediction System'
1449	NGIRI-2024-28913	University of Sufism and Modern Sciences, Bhitshah Sindh	Main	Information Technology	PD-RPP: An AI-driven framework for plant disease and recommendation precaution Pesticides with integrated chatbot assistant
1450	NGIRI-2024-28368	University of Swabi	Main	Computer Science	'Autonomous Landing Of Unmanned Aerial Vehicles On Moving Platform Using Computer Vision'
1451	NGIRI-2024-25825	University of Swat	Main	Science & Technology	'Numerical analysis of unconditional positivity-preserving method for age-structured SIR epidemic model'
1452	NGIRI-2024-28916	University of Swat	Main	Computing and Technology	'Formulation and Dynamical Aspects of Social Media Addiction and Depression Model Via Nonlinear Incidence Rate'
1453	NGIRI-2024-29817	University of Swat	Main	Computing and Technology	'Development of Einstein Aggregation operators Using The Complex Neutrosophic information And Their Application In Decision Making'
1454	NGIRI-2024-29947	University of Swat	Main	Computer & Information System Engineering	'Dry and wet segregation '
1455	NGIRI-2024-29959	University of Swat	Main	Science & Technology	'Exploring and managing strategies of infectious diseases through mathematical analysis'
1456	NGIRI-2024-29991	University of Swat	Main	Computing and Technology	'Optimal Control Of Leaf Brown Spot Disease Of Rice Model '
1457	NGIRI-2024-26824	University of Technology Nowshera (Shuhada-e-APS)	Main	Energy System Engineering	'An IoT Based smart System for Thermal Heat Management of PV panels for a Solar Power Plant'
1458	NGIRI-2024-26853	University of Technology Nowshera (Shuhada-e-APS)	Main	Energy System Engineering	'IOT BASE SOLAR MONITORING AND CLEANING SYSTEM'
1459	NGIRI-2024-27198	University of Technology Nowshera (Shuhada-e-APS)	Main	Electrical Engineering	'Next generation smart wheel chair with a futuristic approach'
1460	NGIRI-2024-27250	University of Technology Nowshera (Shuhada-e-APS)	Main	Mechanical Engineering	'AUTOMATIC WASTE COLLECTION SYSTEM'
1461	NGIRI-2024-27272	University of Technology Nowshera (Shuhada-e-APS)	Main	Energy System Engineering	'Solar powered portable advertising wireless message display'
1462	NGIRI-2024-27717	University of Technology Nowshera (Shuhada-e-APS)	Main	Information Technology	'Design and Development of Smart Fruit dehydration using Android Application '

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S.No	FYP Code	University	Campus	Department	FYP Title
1463	NGIRI-2024-27780	University of Technology Nowshera (Shuhada-e-APS)	Main	Electrical Engineering	'Solar power drone '
1464	NGIRI-2024-27851	University of Technology Nowshera (Shuhada-e-APS)	Main	Electrical Engineering	'Upgradation of tradition home ups convert to smart control hybrid solar system '
1465	NGIRI-2024-29048	University of Technology Nowshera (Shuhada-e-APS)	Main	Electrical	'Solar powered water purification system '
1466	NGIRI-2024-29735	University of Technology Nowshera (Shuhada-e-APS)	Main	Mechanical Engineering	'Manually patient care wheelchair system '
1467	NGIRI-2024-29844	University of Technology Nowshera (Shuhada-e-APS)	Main	Mechanical Engineering	'Solar powered bicycle/kart vehicle '
1468	NGIRI-2024-29946	University of Technology Nowshera (Shuhada-e-APS)	Main	Mechanical Engineering	'Advancing Dynamo Systems for Sustainable and Cost-Free Electricity Generation'
1469	NGIRI-2024-25859	University of the Poonch	Main	Electrical Engineering	'Design and Implementation of IoT-Enabled Seebeck Thermoelectric Generator for Sustainable Energy Harvesting'
1470	NGIRI-2024-27029	University of the Poonch	Main	Software Engineering	'Tutor Connect System'
1471	NGIRI-2024-27058	University of the Poonch	Main	Electrical Engineering	'Automatic Traffic Signal Control system for emergency vehicle using NRF module '
1472	NGIRI-2024-27083	University of the Poonch	Main	Electrical Engineering	'designing and analysis of monitoring systems to improve networking in communication devices'
1473	NGIRI-2024-27356	University of the Poonch	Main	Electrical Engineering	'Design an Ambient Light Responsive(ALS) Automatic Vehicle Headlight Control System'
1474	NGIRI-2024-27814	University of the Poonch	Main	Computer Science & IT	'Auto Listing Genius'
1475	NGIRI-2024-28127	University of the Poonch	Main	Computer Science & IT	'Web Shield Guardian Against Digital theard'
1476	NGIRI-2024-28292	University of the Poonch	Main	Computer Science & IT	'Waste food Management app'
1477	NGIRI-2024-29183	University of the Poonch	Main	Computer Science & IT	'AI based health tracker app for diabetic patients'
1478	NGIRI-2024-23261	University of Wah	Quaid	Computer Science	'Voice based expert System for Handicapped'
1479	NGIRI-2024-23327	University of Wah	Wah Engineering College	Mechatronics Engineering	'AI Based Control of Prosthetic Hand using sEMG and Arm Kinematics'
1480	NGIRI-2024-23335	University of Wah	Wah Engineering College	Electrical Engineering	'Design and development of urdu language based voice controlled wheel chair with obstacle avoidance'
1481	NGIRI-2024-23353	University of Wah	Wah Engineering College	Electrical Engineering	'Design and Development of Bottle Filling and Capping System Using Dc Servo Motor '
1482	NGIRI-2024-23431	University of Wah	Quaid	Computer Science	'Smart Trolley and Automated Billing System'
1483	NGIRI-2024-23536	University of Wah	Wah Engineering College	Electrical Engineering	'IoT Based Solar powered intelligent grass cutting robot with obstacle avoidance'
1484	NGIRI-2024-24165	University of Wah	Quaid	Computer Science	Decentralized Land Registry System
1485	NGIRI-2024-24230	University of Wah	Quaid	Computer System	Industrial Safety System
1486	NGIRI-2024-24233	University of Wah	Wah Engineering College	Mechanical Engineering	'Phase Change Materials in building envelopes for energy savings.'
1487	NGIRI-2024-24253	University of Wah	Quaid	Computer System	'E-Votex '
1488	NGIRI-2024-24261	University of Wah	Wah Engineering College	Mechanical Engineering	'Design and development of composite helmet to resist high velocity impact'
1489	NGIRI-2024-24305	University of Wah	Wah Engineering College	Mechatronics Engineering	'design and development of portable exhaust emission analyzer for two wheeler vehicles'
1490	NGIRI-2024-24370	University of Wah	Wah Engineering College	Mechatronics Engineering	'Design and Implementation of AI powered Soft Robotic Gripper for Fruit Harvesting'
1491	NGIRI-2024-24373	University of Wah	Quaid	Computer Science	'Classic Grand Marque Website'
1492	NGIRI-2024-24455	University of Wah	Wah Engineering College	Mechanical Engineering	'Impact and CAI testing of hybrid composites structure between glass and jute fiber'
1493	NGIRI-2024-24799	University of Wah	Wah Engineering College	Mechatronics Engineering	'IoT-Driven Smart Helmets: Redefining the Landscape of Motorbike Safety'
1494	NGIRI-2024-23707	Usman Institute of Technology	Karachi	Computer System Engineering	'MJ WALKERS '
1495	NGIRI-2024-25532	Usman Institute of Technology	Karachi	Electrical Power Engineering	'Development of scada system for Wind power plant'
1496	NGIRI-2024-25573	Usman Institute of Technology	Karachi	Electrical Engineering	'Fabric Inspection Through Machine Learning'
1497	NGIRI-2024-25872	Usman Institute of Technology	Karachi	Computer System Engineering	'Smart Living Centralized Mobile Application '
1498	NGIRI-2024-26050	Usman Institute of Technology	Karachi	Computer System	'Ceramic Tiles Quality Inspection'
1499	NGIRI-2024-26144	Usman Institute of Technology	Karachi	Electrical/Electronics Engineering	'IoT based soil testing probe for sustainable agricultural productivity'
1500	NGIRI-2024-26588	Usman Institute of Technology	Karachi	Electrical Power Engineering	'Smart Prepaid Energy Meter'
1501	NGIRI-2024-26840	Usman Institute of Technology	Karachi	Electrical Engineering	'Adaptive Cruise control'

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Shortlisted FYPs

S.No	FYP Code	University	Campus	Department	FYP Title
1502	NGIRI-2024-27128	Usman Institute of Technology	Karachi	Electrical Engineering	'AI Based Lithium Battery Testing For EV'
1503	NGIRI-2024-27994	Usman Institute of Technology	Karachi	Electrical Engineering	'Self Service Fuel Station'
1504	NGIRI-2024-28889	Usman Institute of Technology	Karachi	Computer Science	'Analyticube Data Insights Through Web OLAP'
1505	NGIRI-2024-29751	Usman Institute of Technology	Karachi	Software Engineering	'Textile Tech'
1506	NGIRI-2024-29772	Usman Institute of Technology	Karachi	Software Engineering	'Enigma AI'
1507	NGIRI-2024-29783	Usman Institute of Technology	Karachi	Software Engineering	'HelmSecure Vision'
1508	NGIRI-2024-29792	Usman Institute of Technology	Karachi	Computer Science	'Turbo Dialect'
1509	NGIRI-2024-29807	Usman Institute of Technology	Karachi	Computer Science & IT	'Shoplabz'
1510	NGIRI-2024-29824	Usman Institute of Technology	Karachi	Software Engineering	'MentorConnects'
1511	NGIRI-2024-29901	Usman Institute of Technology	Karachi	Computer Science	'Video Search By Image Query'
1512	NGIRI-2024-29990	Usman Institute of Technology	Karachi	Computer Science	'Intellitrader'
1513	NGIRI-2024-29127	Virtual University of Pakistan	Main	Computer Science & IT	'e Carpool'
1514	NGIRI-2024-25792	Women University AJK	Main	Computer Science & IT	'Pharma Link Android Application'
1515	NGIRI-2024-25794	Women University AJK	Main	Computer Science & IT	'Machine Learning Models for Predicting Heart Failure'
1516	NGIRI-2024-25801	Women University AJK	Main	Computer Science & IT	Women University Alumni Portal
1517	NGIRI-2024-25838	Women University AJK	Main	Computer Science	Traffic Flow Prediction using Machine Learning
1518	NGIRI-2024-25897	Women University AJK	Main	Computer Science & IT	Augmented Reality Shopping Experience Application
1519	NGIRI-2024-26008	Women University AJK	Main	Computer Science	Predictive Modeling of Salary: Harnessing Diverse Datasets for Accurate Projections
1520	NGIRI-2024-24399	Ziauddin University, ZUFEST	North Nazimabad	Software Engineering	'AI-based Traffic Congestion Pattern and Unauthorized Parking Control System Using YOLOv8'
1521	NGIRI-2024-24562	Ziauddin University, ZUFEST	North Nazimabad	Software Engineering	'ArticuLearn An Application Journey from sound to speech mystery for speech sound disorder'
1522	NGIRI-2024-24907	Ziauddin University, ZUFEST	North Nazimabad	Software Engineering	'Developing a deep learning segmentation model to identify polyps in upper gastrointestinal endoscopy.'
1523	NGIRI-2024-24911	Ziauddin University, ZUFEST	North Nazimabad	Software Engineering	'Unmasking tuberculosis Early Detection Using Chest Xray Images'
1524	NGIRI-2024-25390	Ziauddin University, ZUFEST	North Nazimabad	Electrical Engineering	'Vehicle Monitoring System Using GIS Technology'
1525	NGIRI-2024-26486	Ziauddin University, ZUFEST	North Nazimabad	Biomedical Engineering	'A machine learning model for photocatalytic dye degradation of silk fabric functionalized with TiO2/cellulose nanocomposite'
1526	NGIRI-2024-26730	Ziauddin University, ZUFEST	North Nazimabad	Civil Engineering	'Fresh and Hardened Properties of 3D Printed Fly-Ash Based Concrete for Sustainable Automated Construction'
1527	NGIRI-2024-26787	Ziauddin University, ZUFEST	North Nazimabad	Civil Engineering	'DESIGNING AND CONSTRUCTING OF MULTI-STAGE GRAVEL FILTER TO REDUCE TSS (TOTAL SUSPENDED SOLIDS) FROM REJECTED WATER OF RO PLANT.'
1528	NGIRI-2024-27766	Ziauddin University, ZUFEST	North Nazimabad	Electrical Engineering	'Load Management System for Efficient Electricity Consumption'
1529	NGIRI-2024-28560	Ziauddin University, ZUFEST	North Nazimabad	Electrical Engineering	' Implementation of Robotic Arm Weighing Technology for Carton Weight Verification '