Sr. No	Name of the Project
1	Enahnced Capacity of Pile Foundation by Skin Resistance
2	Investigating a road network with and without lane changing of rickshaws drivers: A case of Charsadda road, Peshawar
3	Sustainable utlization of demolished cement concrete in reinforced cocnrete member
4	performance Evaluation of Interlock Bricks Masonary Systems
5	Concept and Mission Design of a Small Space Tug Satellite for Debris Remedation in low earth Orbit
6	3D Printer Based on FDM
7	Automatic Book Scanner
8	Deep Learning based Automatic Module Classification
9	IOT Based unmanned Armed Ground Vehicle
10	DESIGN AND DEVELOPMENT OF PROTOTYPE OF IOT SENSORS BASED SMART FARM IRRIGATION SYSTEM
11	Tillage and Seeding Depth Monitoring System for Seeders
12	Development and construction of a offgrid PV For small scale house electricity production.
13	Design and Development of Smart Field Lysimeter
14	Sensor based automatic Spot Specific sprayer for orchards
15	Irrigation pond water quality monitoring by using wireless sensor network
16	Smart GPS Based Variable Rate Fertilizer Spreader
17	Development and Performance Evalaution of Mini Ground Nuts PoD Picker
18	Balanced Power Amplifier for 5G Medical Applications in GaN Technology
19	IMAGE FEATURE EXTRACTION IN A VISUALLY ASSISTED SMART TRIAL FOR HIP/KNEE JOINT ARTHROPLASTY
20	PORTABLE LAB SOLUTION FOR FLUID QUALITY ASSESSMENT
21	BUITEMS SELF-DRIVING SHUTTLE ON CAMPUS
22	Behavioral cloning of perception and action for a physical mobile robot
23	Smart Attendance Management System(Computer Vision)
24	SMART MAINTANCE SYSTEM OF FISH TANK USING AUDRIUNO
25	SMART HELMET
26	Atmospheric Water Generator for Public Water Disipenser
27	
28	Design and Development of IOT Based Smart Solar Irrigation Monitoring and Controlling System
29	Automatic Smart Electrical Power Control System with Enhanced Features using Microcontroller
30	Design and Manufactpuring of low cost SCARA robot
31	Custom-buitl low pediatric gait trainer
32	INTERACTIVE VOICE RECOGNITION BASED MULTIFUNCTIONING SMART MIRROR USING IOT

33	DESIGNING AND DEVELOPMENT OF CLOUD BASED IoT INFRASTRUCTURE FOR REMOTE PATIENT HEALTH MONITORING
34	Design and Fabrication of Low-Cost 3D Printer
35	Designing a control mechanism for an anthropomorphic hand
36	IoT Equipped and AI enabled WSN nodes for Precision Agriculture
37	Automatic Electronic Voting System
38	Counter Rotating Wind Energy Generator for DC Micro Grid
39	Smart Glove Hand Gesture Vocalizer for Deaf and Dumb
40	Development of Aluminium winding Three Phase Induction Motot for Lightweight EV Applications
41	A Hand Gesture Based Robotic Controlled Vehicle
42	Design and analysis of Slotless permanent magnet brushless DC (PMBLDC) motor
43	High Efficiency Irrigation system (HEIS) in outskirts of a city
44	Treatment of used ablution (wazu) from Masjid for reuse
45	DEEP (Development Education Empowerment Progress) – A skill-training programme of DSU for making the youth living near outskirts of Karachi, coming from underprivileged families, to turn proficient with technical know-how & learn basics of construction.
46	Design and Analysis if Photovolatic Powered Reverse Osmosis Desalination System
47	Design and Fabrication of a highly efficient solar water heating using nanoparticles
48	Water Crises and Rain Water Harvesting in DHA, Karachi
49	Unconvential and aesthetic 5-seater Electric Tri whealer
50	IoT Based Weather Monitoring System
51	AI based traffic signal control system
52	Portable Diabetes Type 1 Solution (Open APS)
53	Application of FEM and AI for response-based assessment of RC beam-colum connections
54	Flexural Strength Evaluation of Bamboo Reinforced concrete using the finite Element Method (FEM) and Gene Expression Programming (GEP)
55	Hybro Bike with Digi Featurs
56	Design and Dveleopment of a IoT Based Robot Vec
57	IoT Enabled Livestock Health Monitoring Data logger.
58	Lemon Grading and Sorting Machine
59	Smart Single phase Power Factor Correction system for Domestic user
60	Design of energy efficient house with semi passive cooling / heating system by using wind towers and underground water cisterns
61	Remotely Controlled Agricutlure Pesticide Spraying Robot
62	Desing of ultra-Flexible Skin Uke AI Augmented Sensor Fusion for Human Wearable Monitoring of OSTEOARTHITIES
63	Design and Fabrication of Soft Robotic Hand with Embodied Sensing for Motion Imapired Humans

64	Fabrication of soft and comfortable pressure sensing shoe sole for intutitive Monitoring of Human Quality Gait
65	Date Fruit Classification using Machine Learning
66	Design and Development of Soft Robotics Kit for Educational Training
67	Portable Solar Water Generator for Remote Application
68	An Artifical Intelligence based Sar-sabz pakistan
69	Design and Prototype of SVC (FC-TCR) for Power Factor Improvement
70	Embeded Intelligence Based Portable uroflowmetry Device
71	Aritficial Intelligence Based Green House Management System for precision Agriculutre
72	AI based Deforestation identification using Drone Imagery
73	RGB Sensor-Based Drome Imagery for Crop Health Assessment
74	IOT Assistted Smart Glove Communication Device for Hearing-Impaired Person
75	Artificial Intelligence Based Robot Assistant for Elederly care
76	Artificial Intelligence Based Cable-Driven Robot for Plant Health Assessment in a vertical Framing Environment
77	IoT Based Building Management and Safety System
78	Hybrid Charging stattion for Electric Vehicles
79	IoT based Health Care service Robot
80	Automatic Traffic Flow Control and Violation Detection
81	Water surface cleaning and quality monitoring robot
82	Smart Purpose cleaning Robot
83	GreenV: Green & Healty Environment through minimizing carbin Contaminants by exhaust gases
84	Military War Robot
85	Smart Helmet
86	Electrophoretic Deposition of Commiphora wightii (mukul) loaded zein/ Mesoporous Bioactive Glass Nanoparticle on Titanium for orthopedic implants
87	Design of Efficient controller and Fast charger for Electric Motor Bike
88	Multi level Three PhaseVoltage Source inverter for on Grid PV system
89	The synchorization of BLDC Machine for electric vehicle
90	IoT Based motor health monitoring system
91	Design Analayis and Model Fabrication of verrical axis wind turbine
92	PYROLYSIS of WASTE PLASTICS INTO FUELS
93	Production of 5000 litiers/day of biodiesel using jatropha oil via transestarification process
94	Production of Ethylene Dichloride by Direct Chlorination Method
95	Production of qreen fibreboard from pretreated aqro industrial waste.
96	Production of Nitro Phosphate by Odda Process
97	Manufacturing of Urea By Snamprogetti Process for 1900 MTPD

98	Manufacturing of Formalin (37%) formaldehyde aqueous solution) by Partial Oxidation of Methanol over Silver Catalyst
99	Smart Home Energy Management System
100	Design & Development of Mini Dense Plasma Focus for Electronic Industry to Study Single Event Upset Phenomenon
101	Unmanned Ground Robot
102	IoT based solar powered smart irrigation system without batteries using MPPT.
103	Flood Monitoring and Water System
104	Intelligent Lithium-Ion Battery Management System
105	Optimization of Power Electronic Circuit Topologies using Machine learning
106	Absorption refrigeration chamber using solar energy
107	Low Cost efficient portable ventilator
108	Production of motor oil from coal
109	Monitoring of Irrigation system using SCADA Application
110	Production of 100 MTPD of linear alkul sulfonic acid from linear alkyl benzen
111	Belt Type oil skimmer for Industrial Waste Water
112	Automatic Medication System for Patient Care
113	TRAIN COMFORT ANALYSIS USING ACCELERATION MEASUREMENT AND NEURAL NETWORK
114	RC based Autonomous Real Electric Vehcile
115	Numerical And Experimental Investigation of Concrete Beam Reinforced with Steel and FRP Bars Under Flexural Action
116	Green Retrofitting of an existing builing envelope using BIM-A Case study
117	Smart Audio Testing and hearing aid
118	Design and Development of stairlift
119	Cum Rubber and Waste Engine oil modified bitumen
120	Automated Image Dataset Collection System For Cotton Crop Leaves
121	Soil Moisture Estimation using remote sensing imagery by UAV
122	Design, development and experimental analysis of a waste heat recovery system for the surface of a rotary cement kiln
123	Towards Reducing Handoff Times in Next Generation Wireless Networks
124	Traffic-Aware Service Differentiation in Software Defined Networks for Healthcare
125	Seismic Behaviour of Skewed Bridges in Pakistan using Non Line Time History Analysis
126	Smart Shopping Cart
127	Development of Weft Knitted Structures with Self-Diagnostic Function for protective Application
128	Detection of defects in aircraft hybrid joints through a scanning scheme development

129	Desing and Fabrication of Flapping Wing Appratus
130	Design and development of a small Sized heavy lift drone
131	Ballistic Analysis if Impact of APFSDs round and Heat round on RHA plate
132	Evaluation of Mechanical Properties of Aviation Grade Compostie under Extreme Environments
133	Fabrication of Bladeless UAV for experimental testing
134	Design and devleopment of air-to-air recharging for RC drone
135	Fabrication of an IC engineer for UAV applications
136	Development of Rescue Robot with Smart Searching Methodology Desing
137	Design and Analysis of PIPE Inspection and Climbing Robot
138	Experimental Analysis of Airfoils of wind turbine for drag and pressure distribution
139	Water Rescue Robot
140	FPGA-Based FM Broadcast Monitoring, Recording & Playback System (SDR)
141	Smart Hub for Air Conditioning Network
142	Multi Sourced Electric Cart
143	Automated Escalator system on already built staircase
144	AI Powered Self-Checkout System
145	Artizen
146	Smart Warehouse
147	Signified
148	Tutornia
149	Influence of chemical treatment on the structural properties and durability of locally available bamboo as a sustainable construction material.
150	Mycelium-Based Bioplastic: An Alternative to Polystyrene
151	To develop sustainable lightweight ALECA infill smart panels for buildings and development of machine learning tool to predict mechanical properties of ALECA concrete
152	Intelligent Gepbing (Smart LMS)
153	To develop a 3D Concrete printer (CNC router Machine based) Capable of moving in 3 D Degrees of Freedom
154	Development of Process simulation model of gas processing plant for OGDCL
155	
156	Condition monitoring and diagnostics of critical engineering assets based on machine learning
157	Virtual Reality Based Excavator Training Simulator
158	SAKOON: Automating the Electric Workload of a Building
159	FPGA based real-time video processing system
160	Improvement in the strength of unburnt bricks using fly ash and bagasse ash as cemnetitious material
161	Evauation of Empirical SPTN-Vs correlations using 1D site response analysis for shalloe bedrock sites in Islamabad, Pakistan
162	Prosthetic Hand for Disabled Persons

163	Control of a 6 DoF Robotic Manipulator
164	Design and model fabrication of brown sugar making machine using a sugar can juice
165	PLC/MCU Based Full flight Simulator cockpit of cessna-172 Aircraft
166	Design, Simulation and Characterization of a Compact Wireless Power Transfer Infrastructure for Portable Electronic Peripherals
167	Design & Development of solar based MPPT Inverter
168	Predictive Mainternance in Industry 4.0
169	Design and Fabrication of sugarcane cutting
170	Energy audit to reduce energy consumption and increase sustainability
171	Non-Intrusive Load Monitoring System
172	Solar Powered auto irrigation monitoring system with plant health indication using image processing
173	Parametric studies on the flow characteristics in porous media for the development of indicator predicting shelf life of perishable food items
174	Dynamics of sessile droplet over hydrophobic surfaces under external electric field
175	Determination of Water Saving and Crop Water Productivity using Bottle Wick Irrigation System for Bitter and Sponge Gourd Crops
176	Evaluation of low cost drip irrigation system at different hydraulic heads for maize production
177	Agricultural modernization and its influence on agriculture sustainability, The Hydroponics System (NFT)
178	Experimental Investigatio n on the structure response of Bubble Deck slab after localized fire exposure
179	Cost-Efficient and Smart Automated Structural Health Monitoring System using Micro-Controller UAV-Driven Drone
180	Reverse Vending Machine
181	Smart Brain Computer Interface for Controlling and Monitoring of Medical Bed
182	Rover Robot
183	One Way Smart Street Lighting System
184	Study of GHG emissions of manufactuing sector of Pakistan Integrated with SGGs
185	Food Saviour
186	Design and fabrication of smart mosquito killer machine
187	Design and manufacturing of an industrial blender for tea leaves / other condiments.
188	Design and Implementaion of electric assisted bicycyle by self recharging system
189	Design and Fabrication of Automatic Dishwasher
190	Renewable Power Generation via Animate Prime Movers
191	Development of smart condcutive textile for wearable applications
192	Multimode smart wheel chair for quadriplegic patients

193	Fabrication of rice-husk based biocomposites boards to investigate its properties for structural application
194	Performance of Molasses waste as a cement replacemnet material for concrete
195	TARGETING TO ZERO ROUTINE FLARING (ZRF): RECOVERY AND CONVERSION OF INDUSTRIAL FLARE GAS INTO CLEAN ENERGY (H2)
196	Enriched biogas and bio fertilizer production from cow through anerobic digestion
197	Manufacturing of Super absorbent Polyment (Sodium Polyuacrylate)
198	Design, Optimization and fabrication of small scale hydel turbines to harness from low-head sources
199	Physio-Chemical Analysis and Groundwater Prospectiing at Main campus of UET, lahore
200	Solar Powered Hydroxyl Gas Production, utilization and Optimization in Thermal Power System
201	3D Printable, Cost-Effective, Electric Powered Human Prosthetic Hand with Parametric Modelling
202	Laboratory Study of stabilization of soils contaminated with industrial waste using Lignosulphonate
203	Structural performance of Earth Retaining System: An efficient and Economical solution to locak construction Industry
204	A study of structural health monitoring of bridges
205	Development of cemnet-less recycyled aggregate concrete A sustainable solution for future construction
206	Design of sprinkler Irrigation Syste for an Area and its cost comparision with Canal system
207	Development of modified catalyticitic membranes for accelerated elimination of Pharmacuetical products using Advanced oxidation process
208	Experimental Evaluation of subgrade soil stabilized with rice husk ash for use in road construction
209	Design of sustainabke water distribution systems fo urban areas in developing countries
210	Conditional Assessment of Bridges
211	Design and Investigation of a four stroke camless Engine using programmitcally controlled actuators
212	Analysis of EEG Signal to Classify Sleep Stages using ML
213	Tracking and monitoring of fitness of athletes using IoT Enabled wearable activity recognition and Random forest algorithm for performance prediction
214	Design and Development of a Robotic Ultrasound Probe Holder
215	Development of Intelligent Sleep Monitoring System for Vehicles to Prevent Road Accidents
216	Development of a wearable Tremor Supression Glove for Rehablitation of Parkinson Disease
217	EEG Based Mind Controlled Smart Prosthetics Arm

218	"An integrated syringe and infusion pump system for controlled drug delivery of hospitalized patients
219	IOT BASED KNEE REHABILITATION DEVICE
220	Investigation of Durability and Structural Performance of Fiber-Reinforced Spun Cast Concrete Pipes
221	Mechanical properties of Coal bottom ash concrete prepared by partial replacement of cement and sand
222	Potential Evaluation of Inverted wells using Rain water for Ground water Recharge in lahore City
223	Smart Assistant for visually impaired people
224	Response of Soft Clay to Traffic Loading
225	Classification of Soil Texture and Organic Matter
226	An assessment of potential in low cost housing in Pakistan
227	Management of Irrigation Supply and Demand of Tarbela Reservoir
228	A Machine Learning based High Risk Disease Prediction & Personalized Diet Tracking & Monitoring System
229	Remote Patient Monitoring Application using IOT
230	Reconfigurale Metasurface for polarization convenetion and RCS reduction
231	Feasibility study and process optimization of citric acid production plant in KPK, using sugar cane molasses
232	Development and Characterization of Ceramic waste powder-bentonite blended GGBS based cement-less geopolymer concrete desinged using Tasguchi method
233	Design of Intensive Firing roasting and melting furnance by non ferrous metal
234	CP robot by AI
235	Engine Emission Analyzer
236	Production of Methanol through Catalytic Hydrogenation of Co2 Captured from Air
237	Production of 850 X 10 power three TPA of Bio-Ehtylenet from Zea-Mays (Corn Stover)
238	Production of Hydrogen from Steam biomass Gasification (for Fuel Cells)
239	Production of propylene Glycol from glycerol
240	Production of 13,500 ton/ day biodieseil from chicken fat
241	Production of bio-Diesel by using alagae
242	Production of Synthetic Natural Gas (SNG) through gasification of biomass (food Waste)
243	Design, Fabrication and Control of a solar Thermal Room Heating System
244	Desing and Development of a Smart Tough Terrain Beetle Robot
245	Desing and Development and control of a smart, Reconfigurable, Stair Climbing wheelchair
246	Water Sensititve urban design for wah cant city

247	A study on the self healing and self sensing capabilities of graphene oxide (GO) nanoinforced bacterial cemet and concrete
248	Production of 12 MCMD of Biomethane using sugarcane Bahasse
249	Solar Powered Double H-Bridge LLC Resonant Converter Based Electrical Vehicle Battery Charger with Wide Charging Range and Low Output Voltage Ripples
250	Optimization Of Input Parameters For Top Link Used In Millat Tractor For Thread Per Inch And Diametric Measurements At Various Points.
251	Integrating the principles of lean manufacturing and ergonomics in textile sector