

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
1	Abasyn University, Peshawar	Load Monitoring & Analysis System (LMAS)	Electrical Engineering	Islamabad	70,000	-	70,000
2	Abasyn University, Peshawar	Optimization of Convolutional Neural Network (CNN) on Graphical Unit (GPU)	Electrical Engineering	Islamabad	70,000	-	70,000
3	Abasyn University, Peshawar	Event Based Quality Selective High Efficiency Video Coding	Electrical Engineering	Islamabad	70,000	-	70,000
4	Abasyn University, Peshawar	Natural Gas Outflow & Smoke Detection Using WSN	Electrical Engineering	Main Campus	22,000	-	22,000
5	Abasyn University, Peshawar	Automatic Water Supply System for Field	Electrical Engineering	Main Campus	51,600	10,000	61,600
6	Abasyn University, Peshawar	Microcontroller based Protection system for 3 phase induction motor	Electrical Engineering	Main Campus	44,700	-	44,700
7	Abasyn University, Peshawar	Event Data Recorder for Vehicles	Electrical Engineering	Main Campus	34,500	10,000	44,500
8	Abdul Wali Khan University Mardan	Advance Automatic number plate recognition	Computer Science	Main Campus	70,000	-	70,000
9	Abdul Wali Khan University Mardan	Biometric Phase Security System	Computer Science	Main Campus	58,000	-	58,000
10	Abdul Wali Khan University Mardan	Smart House	Computer Science	Main Campus	70,000	-	70,000
11	Air University, Islamabad	Design an Development of a Grid Tie Inverter	Electrical Engineering	Islamabad	50,380	8,000	58,380
12	Air University, Islamabad	Blind Spot Detection for Vehicle	Electrical Engineering	Islamabad	62,000	-	62,000
13	Air University, Islamabad	Automatic Vehicle Gear Transmission	Mechatronics Engineering	Islamabad	70,000	-	70,000
14	Air University, Islamabad	UGV Assistance Robot Capable of Maneuvering Through Cluttered Environment by Means of UAV	Mechatronics Engineering	Islamabad	70,000	-	70,000
15	Air University, Islamabad	Brain Controlled Wheel Chair	Mechatronics Engineering	Islamabad	70,000	-	70,000
16	Air University, Islamabad	Prototype Wind Mills Power Fluctuation Control System	Mechatronics Engineering	Islamabad	70,000	-	70,000
17	Al-Hamd Islamic University, Quetta	Automation of Street Light Using Fuzzy Logic	Computer Science	Main Campus	70,000	-	70,000
18	Al-Hamd Islamic University, Quetta	Controlling Water Deficiency/Utomatically Water Saving Irrigation System	Computer Science	Main Campus	70,000	-	70,000
19	Al-Hamd Islamic University, Quetta	Wireless Health Monitoring System	Computer Science	Main Campus	70,000	-	70,000
20	Bahauddin Zakariya University (BZU) Multan	Chit- Chat	Information Technology	Lahore Campus	53,000	-	53,000
21	Bahauddin Zakariya University (BZU) Multan	Number Plate Recognition System (ANPR)	Computer Engineering	Main Campus	20,000	-	20,000
22	Bahauddin Zakariya University (BZU) Multan	Innovative Railway Track Surveying with Sensor and Controlled by Wireless Communication	Computer Engineering	Main Campus	23,200	10,000	33,200
23	Bahauddin Zakariya University (BZU) Multan	Humanoid RoBo	Computer Engineering	Main Campus	70,000	-	70,000
24	Bahauddin Zakariya University (BZU) Multan	Accident Identification and Alert System	Computer Engineering	Main Campus	37,000	-	37,000
25	Bahria University (BU), Islamabad	Accident Prevention System	Computer Engineering	Islamabad	48,800	-	48,800

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
26	Bahria University (BU), Islamabad	Cardio Care	Computer Engineering	Islamabad	70,000	-	70,000
27	Bahria University (BU), Islamabad	Extraction of Emotions from Speech	Software Engineering	Islamabad	5,000	-	5,000
28	Bahria University (BU), Islamabad	Child Location Tracking System	Computer Science	Islamabad	70,000	-	70,000
29	Bahria University (BU), Islamabad	Intelligent Vehicuter Accident prerention system	Electrical Engineering	Islamabad	60,000	-	60,000
30	Bahria University (BU), Islamabad	Self-Powered Solar Panel Data Logger	Electrical Engineering	Islamabad	50,595	1,500	52,095
31	Bahria University (BU), Islamabad	Modeling of Humanoid Prosthetic Arm	Electrical Engineering	Islamabad	70,000	-	70,000
32	Bahria University (BU), Islamabad	Extraction of Emotions from Speech	Software Engineering	Islamabad	5,000	-	5,000
33	Bahria University (BU), Islamabad	RoadCuber	Software Engineering	Islamabad	70,000	-	70,000
34	Bahria University (BU), Islamabad	Child surveillance using sensor based signal	Computer Science	karachi	30,000	-	30,000
35	Bahria University (BU), Islamabad	Smart cart using Embedded Controller for Handicap & Disable People	Computer Science	karachi	70,000	-	70,000
36	Bahria University (BU), Islamabad	Secure BCIs android lock screen application	Computer Science	karachi	70,000	-	70,000
37	Bahria University (BU), Islamabad	Development of Disaster Recovery & Rescue Communication system using Multipath	Computer Science	karachi	70,000	-	70,000
38	Bahria University (BU), Islamabad	Atmospheric Water Generator	Electronics Engineering	karachi	70,000	-	70,000
39	Bahria University (BU), Islamabad	User control vehicle tracking system	Software Engineering	karachi	49,000	-	49,000
40	Bahria University (BU), Islamabad	Opinionist	Software Engineering	karachi	2,000	-	2,000
41	Bahria University (BU), Islamabad	Virtual Flight	Software Engineering	karachi	70,000	-	70,000
42	Bahria University (BU), Islamabad	Transit Pakistan	Software Engineering	karachi	10,000	-	10,000
43	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Rescue and Surveillance Quad Copter Supporting Wireless Video Fee, Moement Detection and Obstacle Detection with Solar Charging Ability.	Computer Engineering	Main Campus	70,000	10,000	80,000
44	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Smart Helmet for Coal Mines	Computer Engineering	Main Campus	65,150	10,000	75,150
45	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Deff Talk-A Sign Language Recognition System for Daf-Mute People	Computer Engineering	Main Campus	35,100	10,000	45,100
46	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	On Field Alive Human Detection Robot	Computer Engineering	Main Campus	52,000	10,000	62,000
47	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Fabrication of Sowing, Spraying and Harvesting Controlled Robotic Vehicle.	Electronics Engineering	Main Campus	70,000	-	70,000
48	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Smart Parking System; RFID PLC Based	Electronics Engineering	Main Campus	70,000	10,000	80,000

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
49	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Location Based Reminder System	Computer Science	Main Campus	30,000	10,000	40,000
50	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Priority Based Load Management	Electrical Engineering	Main Campus	28,050	-	28,050
51	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Solar Based Smart Irrigation System	Electrical Engineering	Main Campus	70,000	-	70,000
52	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Hand Gesture Based Robotic Arm With Controlled Chasis Tank	Electrical Engineering	Main Campus	45,940	10,000	55,940
53	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Smart Energy Meter (SEM)	Electrical Engineering	Main Campus	56,130	10,000	66,130
54	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Somart Home(Energy Efficient)	Electronics Engineering	Main Campus	70,000	9,000	79,000
55	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Textile Sensors for Strain Sensing and Breath Rate Monitoring	Electronics Engineering	Main Campus	50,900	-	50,900
56	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Distributed Object Based Air Pollution Monitoring & Recommendation System	Information Technology	Main Campus	70,000	5,000	75,000
57	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Business Oriented Recommendation System for CPEC(China Pakistan Economic Corridor) Using Context Aware Services	Information Technology	Main Campus	20,000	-	20,000
58	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Bike Tracking System with GPS and Controlled By SMS	Information Technology	Main Campus	45,425	-	45,425
59	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Automotive Wireless Sensor Network	Telecom Engineering	Main Campus	62,930	10,000	72,930

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
60	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Self Navigation and Position Tracking System for the Visually Impaired Person	Telecom Engineering	Main Campus	62,200	-	62,200
61	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Implementation of Analyzed Electroencephalogram(EEG) Signals for Brain Copute Interfacing	Telecom Engineering	Main Campus	64,750	4,000	68,750
62	Balochistan University of Information Technology, Engineering and Management Sciences,(BUITEMS) Quetta	Object Tracking with Digital Video Based Srveillance System Over WiFi Network	Telecom Engineering	Main Campus	70,000	-	70,000
63	Capital University of Science & Technology Islamabad	Secure Data Cloud	Computer Science	Main Campus	40,000	-	40,000
64	Capital University of Science & Technology Islamabad	CoLabiNar (Collaborative Labs and webinar)	Computer Science	Main Campus	20,000	-	20,000
65	Capital University of Science & Technology Islamabad	Extraction and Assessment of Weorkshop Proceedings Information in HTML	Computer Science	Main Campus	-	-	-
66	Capital University of Science & Technology Islamabad	Gesture Controlled Bomb Disposal Robot	Electrical Engineering	Main Campus	66,250	10,000	76,250
67	Capital University of Science & Technology Islamabad	Cleaning in Place (CIP)	Electrical Engineering	Main Campus	69,800	10,000	79,800
68	Capital University of Science & Technology Islamabad	ENG Controlled Bionic Arm	Electrical Engineering	Main Campus	69,800	10,000	79,800
69	Capital University of Science & Technology Islamabad	Car Backup Warning and Highway Assistance	Electrical Engineering	Main Campus	30,300	10,000	40,300
70	CECOS University of IT & Emerging Sciences, Peshawar	Controlling PPT Slides via IR Remote, Bluetooth, Gesture and Vice Wireless	Computer & Information Sciences	Main Campus	40,000	10,000	50,000
71	CECOS University of IT & Emerging Sciences, Peshawar	Android Application for Temperature/Humidity Updates and Home Appliances Control	Computer & Information Sciences	Main Campus	43,000	10,000	53,000
72	CECOS University of IT & Emerging Sciences, Peshawar	EQ-Transportation	Computer & Information Sciences	Main Campus	35,000	10,000	45,000
73	CECOS University of IT & Emerging Sciences, Peshawar	GradeBase - The Graduation Database	Computer & Information Sciences	Main Campus	40,000	10,000	50,000
74	CECOS University of IT & Emerging Sciences, Peshawar	Image Based Dimensions Measuring System	Electrical Engineering	Main Campus	43,000	5,000	48,000
75	CECOS University of IT & Emerging Sciences, Peshawar	Design and Development of Solar Powered+Chargeable Electric Cab(vehicle) with Mechanical Transmission and Car Automation System	Electrical Engineering	Main Campus	70,000	10,000	80,000
76	CECOS University of IT & Emerging Sciences, Peshawar	Light Weight Robotic Spider	Electrical Engineering	Main Campus	70,000	10,000	80,000
77	CECOS University of IT & Emerging Sciences, Peshawar	GSM Based Electronics Notice Board	Electrical Engineering	Main Campus	65,800	10,000	75,800

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
78	City University of Science & IT, Peshawar	Trains Tracking System	Computer Science	Peshawar	13,800	5,000	18,800
79	City University of Science & IT, Peshawar	Smart Loader	Computer Science	Peshawar	23,000	-	23,000
80	City University of Science & IT, Peshawar	Tread Run Game	Computer Science	Peshawar	13,350	-	13,350
81	City University of Science & IT, Peshawar	Polio Campaign Management & Monitoring System	Computer Science	Peshawar	15,000	-	15,000
82	City University of Science & IT, Peshawar	Extensive Vehicle Tax Recognition Using OCR With Encrypted Code Matching in Database	Electrical Engineering	Peshawar	70,000	-	70,000
83	City University of Science & IT, Peshawar	Raspberry Pi Based Industrial Equipment's Automation Using Matlab SIMULINK	Electrical Engineering	Peshawar	54,445	3,000	57,445
84	City University of Science & IT, Peshawar	Implementation of An Aging Chamber For Investigation of H.V Insulators	Electrical Engineering	Peshawar	70,000	4,000	74,000
85	City University of Science & IT, Peshawar	Object Localization and Tracking Using PAN/Tilt Camera	Electrical Engineering	Peshawar	64,070	10,000	74,070
86	COMSATS Institute of Information Technology, Islamabad	Protection of Crops from Wild Animals Using Small U	Computer Science	Abbottabad	70,000	10,000	80,000
87	COMSATS Institute of Information Technology, Islamabad	A Virtual Reality Based Solution for Helping Adult Abs	Computer Science	Abbottabad	70,000	10,000	80,000
88	COMSATS Institute of Information Technology, Islamabad	TeleMap	Computer Science	Abbottabad	25,000	5,000	30,000
89	COMSATS Institute of Information Technology, Islamabad	Urdu Text Detection and Translation Using Smartphone	Computer Science	Abbottabad	30,000	-	30,000
90	COMSATS Institute of Information Technology, Islamabad	Designing A Voltage Compensator for Electrical Distri	Electrical Engineering	Abbottabad	70,000	-	70,000
91	COMSATS Institute of Information Technology, Islamabad	Microcontroller Based Overcurrent Relay for Radial Feeder Protection	Electrical Engineering	Abbottabad	70,000	10,000	80,000
92	COMSATS Institute of Information Technology, Islamabad	Design of Smart Student Tool Kit	Electrical Engineering	Abbottabad	61,500	-	61,500
93	COMSATS Institute of Information Technology, Islamabad	Design and Development of Transponder-Interrogator System for Security Enhancement of Educational Institutes	Electrical Engineering	Abbottabad	60,000	-	60,000
94	COMSATS Institute of Information Technology, Islamabad	Complaint Management System	Computer Science	Attock	30,000	-	30,000
95	COMSATS Institute of Information Technology, Islamabad	Facial Expression Recognition	Computer Science	Attock	50,000	-	50,000
96	COMSATS Institute of Information Technology, Islamabad	Majestic Controller (Android based application for PC control)	Computer Science	Attock	15,000	-	15,000
97	COMSATS Institute of Information Technology, Islamabad	3D racing game	Computer Science	Attock	-	-	-
98	COMSATS Institute of Information Technology, Islamabad	muRIO based remote monitoring industrial system	Electrical Engineering	Attock	32,000	-	32,000
99	COMSATS Institute of Information Technology, Islamabad	Automatic Monitoring and control of green house wirelessly for agricultural application using solar energy	Electrical Engineering	Attock	40,000	-	40,000

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
100	COMSATS Institute of Information Technology, Islamabad	Automatic power theft detecting system for distribution network	Electrical Engineering	Attock	18,000	2,000	20,000
101	COMSATS Institute of Information Technology, Islamabad	Design and variable frequency drive for speed control of single phase squirrel cage induction motor	Electrical Engineering	Attock	70,000	-	70,000
102	COMSATS Institute of Information Technology, Islamabad	Autonomous Robot for Aerial Tracking of Mobile Targets	Computer Science	Islamabad	70,000	10,000	80,000
103	COMSATS Institute of Information Technology, Islamabad	Remote Surgery using VR	Computer Science	Islamabad	70,000	-	70,000
104	COMSATS Institute of Information Technology, Islamabad	Smart Homes for Disabled People	Computer Science	Islamabad	70,000	-	70,000
105	COMSATS Institute of Information Technology, Islamabad	Design and Implementation of a Mutlipurpose Real Time Digital Clock	Electrical Engineering	Islamabad	70,000	-	70,000
106	COMSATS Institute of Information Technology, Islamabad	Development of a Low Cost Aquaponics Food Production System	Electrical Engineering	Islamabad	70,000	10,000	80,000
107	COMSATS Institute of Information Technology, Islamabad	Design & Development of Dielectric Resonator Anten	Electrical Engineering	Islamabad	63,800	-	63,800
108	COMSATS Institute of Information Technology, Islamabad	Pak Currency Recognition	Computer Science	Lahore Campus	70,000	-	70,000
109	COMSATS Institute of Information Technology, Islamabad	Using Reality MINING With The Help of SPARQL to improve Polling System in Pakistan	Computer Science	Lahore Campus	25,000	-	25,000
110	COMSATS Institute of Information Technology, Islamabad	An Intelligent Healthcare System for Neuro-Rehabilitation	Computer Science	Lahore Campus	70,000	-	70,000
111	COMSATS Institute of Information Technology, Islamabad	Smart Vehicle System	Computer Science	Lahore Campus	44,000	-	44,000
112	COMSATS Institute of Information Technology, Islamabad	Energy Efficient Feedback Control of Pneumatic Cylinders and Motors Using PLC and VFDs in a Prototype Development for the Local Soap Industry	Electrical Engineering	Lahore Campus	70,000	-	70,000
113	COMSATS Institute of Information Technology, Islamabad	Patient-Centered Medical System for e-Health Services	Electrical Engineering	Lahore Campus	70,000	-	70,000
114	COMSATS Institute of Information Technology, Islamabad	Indoor Positioning Using Visible Light Communication (VLC) Transceiver	Electrical Engineering	Lahore Campus	60,000	-	60,000
115	COMSATS Institute of Information Technology, Islamabad	Waste Management System Using Programmable Logic Controller for Recovery of Recyclable Materials	Electrical Engineering	Lahore Campus	48,170	10,000	58,170
116	COMSATS Institute of Information Technology, Islamabad	Vehicle Accident Prevention System	Computer Science	Sahiwal	24,250	10,000	34,250
117	COMSATS Institute of Information Technology, Islamabad	Internet of Things (IoT) Based Smart Home System	Computer Science	Sahiwal	22,000	10,000	32,000
118	COMSATS Institute of Information Technology, Islamabad	Design of a Compact Rectenna Operating at GSM Bands for the Microwave energy harvesting	Computer Science	Sahiwal	48,000	10,000	58,000
119	COMSATS Institute of Information Technology, Islamabad	COMSATS transport tracking system	Computer Science	Sahiwal	49,000	-	49,000

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
120	COMSATS Institute of Information Technology, Islamabad	Repairing Walla (Technician Service)	Computer Science	Wah Cantt	30,000	-	30,000
121	COMSATS Institute of Information Technology, Islamabad	Mind Controlled Prosthetic Limb	Computer Science	Wah Cantt	35,050	-	35,050
122	COMSATS Institute of Information Technology, Islamabad	An Unmanned Multi-Terrain Mine Dispensing System	Electrical Engineering	Wah Cantt	70,000	-	70,000
123	COMSATS Institute of Information Technology, Islamabad	An Automatic Approach for the detection of plant disease and pesticide application	Electrical Engineering	Wah Cantt	70,000	-	70,000
124	COMSATS Institute of Information Technology, Islamabad	Environmental Management in the broiler house, an optimized	Electrical Engineering	Wah Cantt	56,930	5,500	62,430
125	COMSATS Institute of Information Technology, Islamabad	A self Organizing traffic congestion control system	Electrical Engineering	Wah Cantt	55,500	5,000	60,500
126	COMSATS Institute of Information Technology, Islamabad	Face Recognition for security purposes	Computer Science	Wah Cantt	45,000	5,000	50,000
127	COMSATS Institute of Information Technology, Islamabad	PakDemocrats: A social Web Portal and Android Application about Pakistan Politicians and Political Parties	Computer Science	Wah Cantt	25,000	10,000	35,000
128	Dawood College of Engineering and Technology, Karachi	myRIO doc-Dispenser	Electronics Engineering	Main Campus	70,000	10,000	80,000
129	Dawood College of Engineering and Technology, Karachi	Quick Response Autonomous Hex-Copter for Surveillance and Monitoring	Electronics Engineering	Main Campus	70,000	-	70,000
130	Dawood College of Engineering and Technology, Karachi	Object Sorting and Placing by Robotic Arm with Fuzzy Logic Controller	Electronics Engineering	Main Campus	57,000	10,000	67,000
131	Dawood College of Engineering and Technology, Karachi	FER Based Rehabilitation Engineering System for Serving Patient Suffering from Tetraplegia	Electronics Engineering	Main Campus	70,000	10,000	80,000
132	Dawood College of Engineering and Technology, Karachi	IOT Based Surveillance and Security System	Telecom Engineering	Main Campus	34,000	-	34,000
133	Dawood College of Engineering and Technology, Karachi	MPLS-Traffic Engineering Implementation for Internet Service Provider	Telecom Engineering	Main Campus	70,000	-	70,000
134	DHA Suffa University, Karachi	Cricket @ Twitter	Computer Science	Main Campus	-	-	-
135	DHA Suffa University, Karachi	A hand bild 3D Scanner Using Leap Motion Device	Computer Science	Main Campus	30,000	-	30,000
136	Fatima Jinnah Women University, (FJWU) Rawalpindi	Student Evaluation System for Final Year	Computer Science	Main Campus	20,000	-	20,000
137	Fatima Jinnah Women University, (FJWU) Rawalpindi	Kindergarten Learning	Computer Science	Main Campus	5,000	-	5,000
138	Fatima Jinnah Women University, (FJWU) Rawalpindi	Street Navigator for Blinds	Computer Science	Main Campus	-	-	-

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
139	Fatima Jinnah Women University, (FJWU) Rawalpindi	Voice Enabled Interactive Frame Work for Visually Impaired	Software Engineering	Main Campus	40,700	-	40,700
140	Fatima Jinnah Women University, (FJWU) Rawalpindi	Implementation of Document Summarizer for News Domain	Software Engineering	Main Campus	45,000	-	45,000
141	Fatima Jinnah Women University, (FJWU) Rawalpindi	A Framework to Recommend Value Added packages Based on Mobile Sets Using Data Mining Techniques	Software Engineering	Main Campus	5,000	-	5,000
142	Fatima Jinnah Women University, (FJWU) Rawalpindi	Pervasive Health Care System for Continuous Patient Monitoring and Awareness via Wearable Sensors	Software Engineering	Main Campus	10,050	-	10,050
143	Federal Urdu University of Arts, Science and Technology, Karachi/ Islamabad	Magnetic Levitation Train for Ultra high speed rail Transportation	Electrical Engineering	Islamabad	63,000	10,000	73,000
144	Federal Urdu University of Arts, Science and Technology, Karachi/ Islamabad	Gesture Controlled Wheel Chair and Home Automation Using Leap Motion Controlled	Electrical Engineering	Islamabad	64,900	5,000	69,900
145	Federal Urdu University of Arts, Science and Technology, Karachi/ Islamabad	Portable Solar Paowerd Vehicle for Irrigation System in Rural Areas	Electrical Engineering	Islamabad	70,000	10,000	80,000
146	Federal Urdu University of Arts, Science and Technology, Karachi/ Islamabad	Brain and Gesture Control Smart Home System for Handicap, Low Vission and Old Aged persons	Electrical Engineering	Islamabad	63,200	4,500	67,700
147	Federal Urdu University of Arts, Science and Technology, Karachi/ Islamabad	Pakistan Railway Train System	Computer Science	Karachi	70,000	10,000	80,000
148	Federal Urdu University of Arts, Science and Technology, Karachi/ Islamabad	Ad hoc Flea Market Application	Computer Science	Karachi	20,000	10,000	30,000
149	Foundation University Islamabad	Senior Person Activity Monitoring System	Telecom Engineering	Rawalpindi	56,780	-	56,780
150	Foundation University Islamabad	Electrical Power Generation Through Footstep and Its Monitoring via GSM	Telecom Engineering	Rawalpindi	40,500	10,000	50,500
151	Foundation University Islamabad	Zigbee-Gps based indoor & outdoor elderly fall detection	Telecom Engineering	Rawalpindi	50,000	-	50,000
152	Foundation University Islamabad	Automated Gun for prison security using GSM and Android application	Telecom Engineering	Rawalpindi	70,000	-	70,000
153	Ghulam Ishaq Khan (GIK) Institute of Engineering Sciences & Technology, Swabi	Smart Security System for the Automobile Industry	Electronics Engineering	Main Campus	30,200	-	30,200
154	Ghulam Ishaq Khan (GIK) Institute of Engineering Sciences & Technology, Swabi	Small Campaign outfiled and uneven terrain robot	Electronics Engineering	Main Campus	23,300	-	23,300
155	Ghulam Ishaq Khan (GIK) Institute of Engineering Sciences & Technology, Swabi	Solar-wind hybrid power generation	Electronics Engineering	Main Campus	25,600	-	25,600
156	Ghulam Ishaq Khan (GIK) Institute of Engineering Sciences & Technology, Swabi	Restaurant Automation	Electronics Engineering	Main Campus	45,950	2,320	48,270
157	Gift University, Gujranwala.	DIY Visual Programming interface for Arduino	Computer Science	Main Campus	25,100	-	25,100
158	Gift University, Gujranwala.	Distress Voice Finder Robot	Computer Science	Main Campus	49,510	-	49,510
159	Gift University, Gujranwala.	Quality Assurance of Industrial Products	Computer Science	Main Campus	35,000	-	35,000

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
160	Gift University, Gujranwala.	Solar Energy Data Logger with 2 Dimensional Tracking	Electrical Engineering	Main Campus	55,500	-	55,500
161	Gift University, Gujranwala.	Search and Rescue Robot	Electrical Engineering	Main Campus	70,000	-	70,000
162	Government College University (GCU), Lahore	Development of Human Robot for Real Time Explosive Detection	Electrical Engineering	Main Campus	70,000	-	70,000
163	Government College University (GCU), Lahore	Object Positioning Robotic Arm with Path Finder Vehicle System	Electrical Engineering	Main Campus	70,000	-	70,000
164	Government College University (GCU), Lahore	Solar Based Advanced Water Quality Monitoring System Using Wireless Sensor Network	Electrical Engineering	Main Campus	70,000	-	70,000
165	Government College University, Faisalabad	CNC Machine for PCB Drilling and Miling	Electrical Engineering	Faisalabad	60,000	-	60,000
166	Government College University, Faisalabad	Trend Mapper	Computer Science	Main Campus	-	-	-
167	Hajvery University, Lahore	3D Printer	Electrical Engineering	Main Campus	36,000	10,000	46,000
168	Hajvery University, Lahore	Measuring Fetal Heart Rate in High-Risk Pregnancies	Electrical Engineering	Main Campus	50,000	10,000	60,000
169	Hamdard University, Karachi	Smart Drip Irrigation control system using arduino	Computer Engineering	Main Campus	70,000	10,000	80,000
170	Hamdard University, Karachi	RFID Based Student Attendance System with android application	Computer Engineering	Main Campus	70,000	10,000	80,000
171	Hamdard University, Karachi	Controlling Mouse Through Eye Movement	Computer Engineering	Main Campus	45,000	5,000	50,000
172	Hamdard University, Karachi	Indigenous Development of Intergrated Neonatal incubator control and Monitoring System	Computer Engineering	Main Campus	58,800	10,000	68,800
173	Hamdard University, Karachi	Solar Power Forecasting using inverter communication for stand by power reserver Activation	Electronics Engineering	Main Campus	51,000	10,000	61,000
174	Hamdard University, Karachi	Omni-Directional BallBot	Electronics Engineering	Main Campus	59,100	10,000	69,100
175	Hamdard University, Karachi	Integrated AC Power Control System	Electronics Engineering	Main Campus	32,000	10,000	42,000
176	Hamdard University, Karachi	Frontal Facial Recognition Based Automatic Door Lock System	Electronics Engineering	Main Campus	70,000	10,000	80,000
177	Hamdard University, Karachi	Wireless Real Time Monitoring of Photovoltaic system	Telecom Engineering	Main Campus	20,600	10,000	30,600
178	Hamdard University, Karachi	Android based greenhouse automation and control	Telecom Engineering	Main Campus	70,000	10,000	80,000
179	Hazara University, Mansehra	Autism Specturm Disorder	Computer Science	Main Campus	8,000	-	8,000
180	Hazara University, Mansehra	Facial Recognition for Attendance System	Computer Science	Main Campus	70,000	-	70,000
181	Hazara University, Mansehra	Performance Analysis of Erbium and Thulium Doped Fiber Amplifiers	Telecom Engineering	Main Campus	55,000	-	55,000
182	Hazara University, Mansehra	Sea Web Acoustic Communication and Navigation	Telecom Engineering	Main Campus	35,000	10,000	45,000
183	Hazara University, Mansehra	A Compact Four Element UWB Mimo Antenna with On-Demand WLAN Rejection	Telecom Engineering	Main Campus	63,000	-	63,000
184	Hazara University, Mansehra	Design of Multiband Frequency Selective Surfaces	Telecom Engineering	Main Campus	61,000	-	61,000

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
185	HITEC University Taxila	Remote Health monitoring of solar PV-Systems Using GSM	Electrical Engineering	Main Campus	57,000	-	57,000
186	HITEC University Taxila	Writing Aid for Dysgraphia Affected People	Electrical Engineering	Main Campus	70,000	10,000	80,000
187	Imperial College of Business Studies	Gereneration of Electricity Using Speed Breaker	Electrical Engineering	Bahria Town Lahore	46,700	-	46,700
188	Indus University, Karachi	First Prototype Smart Parking (FPSP)	Computer Science	Main Campus	42,700	-	42,700
189	Indus University, Karachi	Pi-Router	Computer Science	Main Campus	35,000	-	35,000
190	Indus University, Karachi	Design and Development of an interactive notice board application for multi-touch surface	Computer Science	Main Campus	37,740	-	37,740
191	Indus University, Karachi	The Smart Solar Panel Sun Tracking System	Electronics Engineering	Main Campus	67,000	-	67,000
192	Indus University, Karachi	GSM based Smart Energy Meter	Electronics Engineering	Main Campus	48,000	10,000	58,000
193	Indus University, Karachi	3 Axis CNC Machine	Electronics Engineering	Main Campus	70,000	-	70,000
194	Indus University, Karachi	Auto Landing & Path Tracking Smart Quad Copter for Unreachable Areas during Natural Disasters	Mechatronics Engineering	Main Campus	70,000	-	70,000
195	Indus University, Karachi	Wave Energy Converter to Electricity	Mechatronics Engineering	Main Campus	70,000	-	70,000
196	Institute of Management Sciences, (IM Sciences), Peshawar	Content Based Image Retrieval Using Deep Learning	Computer Science	Main Campus	22,000	4,500	26,500
197	Institute of Management Sciences, (IM Sciences), Peshawar	Spam Filtering for Blogs	Computer Science	Main Campus	-	4,500	4,500
198	Institute of Space Technology, Islamabad	Design of Passive RFID for 5 Persons and 10 Vehicles	Electrical Engineering	Main Campus	70,000	-	70,000
199	Institute of Space Technology, Islamabad	Smart and Cost Effective Fire Safety System	Electrical Engineering	Main Campus	20,000	-	20,000
200	Institute of Space Technology, Islamabad	Solar Powered Locally Available Submersible Pump's Driving Mechanism	Electrical Engineering	Main Campus	70,000	-	70,000
201	International Islamic University, Islamabad	Home Automation using Android Smart App	Computer Science	Islamabad	22,900	-	22,900
202	International Islamic University, Islamabad	Peer to Peer Live Video Streaming	Computer Science	Islamabad	50,000	10,000	60,000
203	International Islamic University, Islamabad	Accident Informer Using GSM and GPS	Computer Science	Islamabad	51,800	10,000	61,800
204	International Islamic University, Islamabad	Design and Development of Three Phase Grid Tie Multilevel Inverter	Electronics Engineering	Islamabad	68,301	-	68,301
205	International Islamic University, Islamabad	Bionic Hand Controlled Flying Robot	Electronics Engineering	Islamabad	53,800	-	53,800
206	International Islamic University, Islamabad	Tilt- Rotor Quadcopter Cum Flying Shaped Surveillance Air Vehicle	Electronics Engineering	Islamabad	70,000	-	70,000
207	International Islamic University, Islamabad	Interactive Companion Robot Using Speech & Face Recognition	Electronics Engineering	Islamabad	20,660	9,030	29,690
208	International Islamic University, Islamabad	Rapp (Rapid App)	Software Engineering	Islamabad	25,000	10,000	35,000
209	International Islamic University, Islamabad	DSS (Decision Support System)	Software Engineering	Islamabad	25,000	10,000	35,000

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
210	Iqra National University, Peshawar	Li-Fi Optical Communication System	Computer Science	Peshawar	29,000	-	29,000
211	Iqra National University, Peshawar	Wireless Gesture Rebotic vehicle	Computer Science	Peshawar	22,000	3,000	25,000
212	Iqra National University, Peshawar	Wirless Power Transmission using Microwaves	Computer Science	Peshawar	41,800	-	41,800
213	Iqra National University, Peshawar	Hydro Kinetics Irrigation Network Automation	Electrical Engineering	Peshawar	70,000	-	70,000
214	Iqra National University, Peshawar	On Grid Hybrid AC DC Intelligent converter	Electrical Engineering	Peshawar	70,000	-	70,000
215	Iqra National University, Peshawar	Automated Anti-theft Electricity Distribution system	Electrical Engineering	Peshawar	70,000	-	70,000
216	Iqra National University, Peshawar	Wireless speed and Direction Synchronization of Dc Motors	Electrical Engineering	Peshawar	57,750	-	57,750
217	Iqra National University, Peshawar	Power generation Urom foot steps	Computer Science	Peshawar	33,400	4,000	37,400
218	Iqra University, Karachi	Automated Driving License Office	Computer Science	Main Campus	70,000	-	70,000
219	Iqra University, Karachi	Auto Passage Congestion Neutralizer (APCN)	Computer Science	Main Campus	70,000	-	70,000
220	Iqra University, Karachi	Smart Restaurant service	Computer Science	Main Campus	70,000	-	70,000
221	Iqra University, Karachi	Detection of plant direase via DIP	Computer Science	Main Campus	30,000	-	30,000
222	Islamia College, Peshawar	3D Reconstruction Based Cultural and Heritage Preservation	Computer Science	Main Campus	62,985	-	62,985
223	Islamia College, Peshawar	Human Facial Expression Analysis	Computer Science	Main Campus	59,276	-	59,276
224	Islamia College, Peshawar	Content Based Image Retrieval	Computer Science	Main Campus	70,000	-	70,000
225	Islamia College, Peshawar	Biometric Based Security and Attendance System for Islamia College, University Gate Entry	Computer Science	Main Campus	61,750	-	61,750
226	Islamia University (IU), Bahawalpur	EEG headset based Robot - controller through Zigbee network	Computer Engineering	Main Campus	65,000	-	65,000
227	Islamia University (IU), Bahawalpur	Accelerometer Based Gestures Controlled Robotics Machine	Computer Engineering	Main Campus	55,000	-	55,000
228	Islamia University (IU), Bahawalpur	Real Time Flood prediction system	Computer Engineering	Main Campus	51,060	-	51,060
229	Islamia University (IU), Bahawalpur	Cost Effective Electronic Solution for Small to Larg scale Control Shed	Computer Engineering	Main Campus	58,600	-	58,600
230	Islamia University (IU), Bahawalpur	Hybrid-Synchronization Analysis and Implementation for the Distributive Renewable Energy Resources to make the stand Alone System	Electrical Engineering	Main Campus	70,000	-	70,000
231	Islamia University (IU), Bahawalpur	Design and Analysis of smart metering system	Electrical Engineering	Main Campus	59,200	10,000	69,200
232	Islamia University (IU), Bahawalpur	Android controlled four quadrant DC motor speed control	Electrical Engineering	Main Campus	70,000	-	70,000
233	Islamia University (IU), Bahawalpur	GSM based solar powered Irrigation system	Electronics Engineering	Main Campus	63,400	10,000	73,400
234	Islamia University (IU), Bahawalpur	UGV with robotic arm for bomb diffusion and surveillance	Electronics Engineering	Main Campus	66,100	10,000	76,100
235	Islamia University (IU), Bahawalpur	Automatic Solar System with maximum power production excogitating solar spectrum	Electronics Engineering	Main Campus	48,000	10,000	58,000
236	Islamia University (IU), Bahawalpur	GSM and GPS based vehicle tracking and locking system	Telecom Engineering	Main Campus	67,800	10,000	77,800
237	Islamia University (IU), Bahawalpur	Lifi/ VLC Based Smart traffic control system	Telecom Engineering	Main Campus	70,000	-	70,000
238	Islamia University (IU), Bahawalpur	Microcontroller Based Smart Stick/cane for Blinds	Telecom Engineering	Main Campus	70,000	-	70,000

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
239	Islamia University (IU), Bahawalpur	Smart Car Parking system	Telecom Engineering	Main Campus	70,000	-	70,000
240	Isra University, Hyderabad	Generation of Electrical Energy by the Conversion of Kinetic energy of vehicles at jamshoro Toll Plaza	Electrical Engineering	Main Campus	70,000	10,000	80,000
241	Isra University, Hyderabad	Free Electricity Generator Using Permanent Magnet Field	Electrical Engineering	Main Campus	67,000	10,000	77,000
242	Isra University, Hyderabad	eBUGGY	Electrical Engineering	Main Campus	70,000	-	70,000
243	Isra University, Hyderabad	Autonomous Fire Fighting Robot	Computer Science	Main Campus	61,160	-	61,160
244	Isra University, Hyderabad	Flying Surveillance via Electronic Eye	Computer Science	Main Campus	65,200	-	65,200
245	Isra University, Hyderabad	Tracking IOS Based Mobile Applicaton	Computer Science	Main Campus	35,000	-	35,000
246	Jinnah University for Women, Karachi	Autonomous Car	Information Technology	Main Campus	70,000	-	70,000
247	Jinnah University for Women, Karachi	Voice Activated Home Automation System	Information Technology	Main Campus	55,000	-	55,000
248	Jinnah University for Women, Karachi	Smart Van Service (SVS)	Information Technology	Main Campus	70,000	-	70,000
249	Jinnah University for Women, Karachi	Healing With Kinect	Information Technology	Main Campus	64,500	-	64,500
250	Karakoram International University, Gilgit	Machine Learning Algorithms to Predict Students Performance	Computer Science	Main Campus	70,000	9,000	79,000
251	Kohat University of Science and Technology, Kohat	Let's Play Kids	Information Technology	Kohat	31,500	-	31,500
252	Kohat University of Science and Technology, Kohat	Chindro 3D Game	Information Technology	Kohat	50,000	-	50,000
253	Lahore College for Women University, Lahore	2-Fold security based on Cryptography and Steganography	Computer Science	Main Campus	-	-	-
254	Lahore College for Women University, Lahore	MobiGrab - An Android based Mobile Monitoring Application	Computer Science	Main Campus	69,690	10,000	79,690
255	Lahore College for Women University, Lahore	Life Savior: Intergrated Emergency Response System	Computer Science	Main Campus	68,107	-	68,107
256	Lahore College for Women University, Lahore	Get On The Road (GOTR)	Computer Science	Main Campus	24,700	-	24,700
257	Lahore University of Management Sciences	4 Class Motor Imagery Classification	Electrical Engineering	Lahore	70,000	10,000	80,000
258	Lahore University of Management Sciences	Grid Tied Solar Micro- Inverter with Inverse Power Factor Correction	Electrical Engineering	Lahore	70,000	-	70,000
259	Lahore University of Management Sciences	Design and Implementation of Brushless DC Motors	Electrical Engineering	Lahore	70,000	10,000	80,000
260	Lahore University of Management Sciences	An integrated System for Power Flow Control & Load Management	Electrical Engineering	Lahore	70,000	-	70,000
261	Mehran University of Engg. & Technology (MUET), Jamshoro	Cloud-Based Smart Patient Monitoring system	Computer Engineering	Jamshoro	70,000	10,000	80,000
262	Mehran University of Engg. & Technology (MUET), Jamshoro	Under Ground Fault Distance Locator	Electrical Engineering	Jamshoro	8,800	10,000	18,800
263	Mehran University of Engg. & Technology (MUET), Jamshoro	Artificial Environment based agricultural growth chamber	Electronics Engineering	Jamshoro	70,000	1,500	71,500
264	Mehran University of Engg. & Technology (MUET), Jamshoro	Piezo Smart Road and Interlligent Transportation	Electronics Engineering	Jamshoro	70,000	-	70,000
265	Mehran University of Engg. & Technology (MUET), Jamshoro	Stair Climbing robot	Electronics Engineering	Jamshoro	48,000	-	48,000

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
266	Mehran University of Engg. & Technology (MUET), Jamshoro	Advannce Human Gesture Controlled Application Using Microsoft kinect	Electronics Engineering	Jamshoro	65,000	10,000	75,000
267	Mehran University of Engg. & Technology (MUET), Jamshoro	A Mobile Application for locating, Tracking and Geo-Fencing University points and finding vacant seats	Computer Engineering	Jamshoro	18,000	10,000	28,000
268	Mehran University of Engg. & Technology (MUET), Jamshoro	Online Donation System	Software Engineering	Jamshoro	33,000	-	33,000
269	Mehran University of Engg. & Technology (MUET), Jamshoro	Smart Irrigation System	Computer Engineering	Jamshoro	30,650	2,000	32,650
270	Mehran University of Engg. & Technology (MUET), Jamshoro	Wireless charging using Magnetic resonant Coupling	Computer Engineering	Jamshoro	31,280	10,000	41,280
271	Mehran University of Engg. & Technology (MUET), Jamshoro	Auto Reminder and Notifier	Software Engineering	Jamshoro	50,000	10,000	60,000
272	Mehran University of Engg. & Technology (MUET), Jamshoro	Road monitoring system using crowd sourcing approach	Telecom Engineering	Jamshoro	32,000	10,000	42,000
273	Mehran University of Engg. & Technology (MUET), Jamshoro	Green Energy IOT smart home	Telecom Engineering	Jamshoro	70,000	10,000	80,000
274	Mehran University of Engg. & Technology (MUET), Jamshoro	Drones for Security Surveillance of MUET Campus	Telecom Engineering	Jamshoro	70,000	10,000	80,000
275	Mehran University of Engg. & Technology (MUET), Jamshoro	Environmental Mapping and WAR driving of Hyderabad City	Telecom Engineering	Jamshoro	28,360	10,000	38,360
276	National University of Computer and Emerging Sciences, Islamabad	PLANTICO	Computer Science	Faisalabad	25,000	-	25,000
277	National University of Computer and Emerging Sciences, Islamabad	Fast Aid for Vially Impaired (FAVI)	Computer Science	Faisalabad	25,000	-	25,000
278	National University of Computer and Emerging Sciences, Islamabad	Uni Cloud	Computer Science	Islamabad	58,000	-	58,000
279	National University of Computer and Emerging Sciences, Islamabad	DEEP-ALPR (Automatic Licence Plate Detection)	Computer Science	Islamabad	70,000	-	70,000
280	National University of Computer and Emerging Sciences, Islamabad	Towards a soft computing approach to document clustering	Computer Science	Karachi	-	-	-
281	National University of Computer and Emerging Sciences, Islamabad	A Workflow Oriented Configurable Final Year Project Management System	Computer Science	Karachi	-	-	-
282	National University of Computer and Emerging Sciences, Islamabad	Human Muscle Power Generator	Electrical Engineering	Karachi	38,000	10,000	48,000
283	National University of Computer and Emerging Sciences, Islamabad	Conveyor Sorting Line	Electrical Engineering	Lahore	27,450	-	27,450
284	National University of Computer and Emerging Sciences, Islamabad	GPU (OpenCl) Based FFT Library	Computer Science	Peshawar	60,000	-	60,000
285	National University of Computer and Emerging Sciences, Islamabad	Smart Phone Based Human Activity	Computer Science	Peshawar	58,000	-	58,000
286	National University of Computer and Emerging Sciences, Islamabad	Hand Gesture Recognition System	Computer Science	Peshawar	28,000	-	28,000
287	National University of Modern Languages (NUML), Islamabad	Measuring QOS in Cloud Environments	Computer Science	Main Campus	-	10,000	10,000

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
288	National University of Modern Languages (NUML), Islamabad	Database Watermarking	Computer Science	Main Campus	-	10,000	10,000
289	National University of Modern Languages (NUML), Islamabad	Android Based Eyesight Checker	Computer Science	Main Campus	20,000	8,000	28,000
290	National University of Modern Languages (NUML), Islamabad	Fake Currency Note Recogniser Using Mobiles	Computer Science	Main Campus	9,000	8,000	17,000
291	National University of Modern Languages (NUML), Islamabad	Smart Phone Application for Parkingt Reservation (Park Me)	Software Engineering	Main Campus	15,000	10,000	25,000
292	National University of Modern Languages (NUML), Islamabad	Global Positioning System Navigated Unmanned Ground Vehicle	Telecom Engineering	Main Campus	70,000	10,000	80,000
293	National University of Sciences and Technology, Islamabad	Real Time Vehicle Monitoring System	Computer Engineering	CEME	62,000	10,000	72,000
294	National University of Sciences and Technology, Islamabad	Biometric Voting Machine	Computer Engineering	CEME	70,000	10,000	80,000
295	National University of Sciences and Technology, Islamabad	Smart Power Homes	Computer Engineering	CEME	70,000	9,500	79,500
296	National University of Sciences and Technology, Islamabad	Video Based Analysis for Retailer's Resource Management	Computer Engineering	CEME	52,500	10,000	62,500
297	National University of Sciences and Technology, Islamabad	Smart Infusion PUMP	Electrical Engineering	CEME	10,200	5,000	15,200
298	National University of Sciences and Technology, Islamabad	Development of IED/Bomb Disposal Unmanned Robot with 3 DOF Grasping Manipulator	Mechatronics Engineering	CEME	70,000	-	70,000
299	National University of Sciences and Technology, Islamabad	Development of Harvester Mounted ATV (All-Terrain Vehicle)	Mechatronics Engineering	CEME	70,000	-	70,000
300	National University of Sciences and Technology, Islamabad	Development of A Low-Cost Solution for Wildlife Tracking using An Unmanned Aerial Platform	Mechatronics Engineering	CEME	70,000	-	70,000
301	National University of Sciences and Technology, Islamabad	Virtul Dressing Room	Software Engineering	MCS	28,000	10,000	38,000
302	National University of Sciences and Technology, Islamabad	From Thinking to Text	Software Engineering	MCS	15,000	10,000	25,000
303	National University of Sciences and Technology, Islamabad	Ur-Ring	Software Engineering	MCS	24,000	10,000	34,000
304	National University of Sciences and Technology, Islamabad	GSP Based Intelligent Monitoring and Control of PMTs	Electronics Engineering	PNEC	52,700	10,000	62,700
305	National University of Sciences and Technology, Islamabad	Advanced Metering Infrastructure and Customer Side System (AMICS)	Electronics Engineering	PNEC	70,000	-	70,000
306	National University of Sciences and Technology, Islamabad	Adaptive Energy Management System for Buildings.	Electronics Engineering	PNEC	65,100	-	65,100
307	National University of Sciences and Technology, Islamabad	Solar Powered Auto-Irrigation System	Electronics Engineering	PNEC	70,000	-	70,000
308	National University of Sciences and Technology, Islamabad	Design and Development of state-of-the-art IoT	Management Information System	PNEC	70,000	-	70,000
309	National University of Sciences and Technology, Islamabad	Standard Electronic Health Information Management and Analysis System	Computer Science	SEECS	70,000	-	70,000

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
310	National University of Sciences and Technology, Islamabad	Epiwear: A Wearable for Accurate and Timely Detection of Epileptic Seizures	Electrical Engineering	SEECS	70,000	-	70,000
311	National University of Sciences and Technology, Islamabad	Cattle Vitals: A Smart System for Silent Heart Detection in Buffaloes	Electrical Engineering	SEECS	70,000	-	70,000
312	National University of Sciences and Technology, Islamabad	Body Area Network to Assist Cardiac Patients- AEGIS	Electrical Engineering	SEECS	70,000	-	70,000
313	National University of Sciences and Technology, Islamabad	Dengue Dectector: A Protable and Cost Effective Diagnostic Screening Device for Early Dengue Fever Detection	Electrical Engineering	SEECS	70,000	-	70,000
314	National University of Sciences and Technology, Islamabad	Model VR- Collabrative 3D Model Editor	Software Engineering	SEECS	56,600	-	56,600
315	National University of Sciences and Technology, Islamabad	Aparaxator	Software Engineering	SEECS	-	10,000	10,000
316	NED University of Engineering & Technology	Design and Development of Industrial Autonomous Guided Vehicles System and Network	Inds Electroni	Institute of Industrial Electronics Engineering	70,000	0	70,000
317	NED University of Engineering & Technology	Wireless Industrial Monitoring and Controlling with Modbus Interface	Inds Electroni	Institute of Industrial Electronics Engineering	70,000	0	70,000
318	NED University of Engineering & Technology	Design and Development of FPGA based Industrial Controller	Inds Electroni	Institute of Industrial Electronics Engineering	70,000	0	70,000
319	NED University of Engineering & Technology	Design and Implementation of Power Line Modem Via FSK for Industrial Communication	Inds Electroni	Institute of Industrial Electronics Engineering	70,000	0	70,000
320	NED University of Engineering & Technology	Intelligent Hearing Assistant	CISE	Main Campus	55,000	10,000	65,000
321	NED University of Engineering & Technology	Portable Real Time Intelligent ECG Monitor	CISE	Main Campus	54,000	-	54,000
322	NED University of Engineering & Technology	Power Efficient Mote Design for WSNs	CISE	Main Campus	54,939	-	54,939
323	NED University of Engineering & Technology	Real Time Language Identification System	CISE	Main Campus	62,000	-	62,000
324	NED University of Engineering & Technology	Phasor Measurement Unit in Accordance with IEEE Standards of Measurements(C37.188.1-2011) and Communication (C37.118.2-2011)	Electrical Engineering	Main Campus	24,575	0	24,575
325	NED University of Engineering & Technology	VFD Design for Capacitor Run Single Phase Induction Motor	Electrical Engineering	Main Campus	23,100	0	23,100
326	NED University of Engineering & Technology	Robust Algorithm For Real-Time Non Intrusive Load Monitoring	Electrical Engineering	Main Campus	12,000	0	12,000
327	NED University of Engineering & Technology	Development of Neural Signal Controlled Wheelchair for Handicaps	Electronics Engineering	Main Campus	70,000	0	70,000

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
328	NED University of Engineering & Technology	Multifunctional Electromyographic (EMG) Controlled Prosthetic System	Electronics Engineering	Main Campus	55,000	0	55,000
329	NED University of Engineering & Technology	VLC(Visible Light Communication) Transmission using LED Light and Photo Diode	Telecom Engineering	Main Campus	30,000	0	30,000
330	NED University of Engineering & Technology	Electromyography and Voice Controlled Robotic Arm	Telecom Engineering	Main Campus	70,000	0	70,000
331	NED University of Engineering & Technology	Wireless System Based Smart Wheelchair	Telecom Engineering	Main Campus	69,800	9,500	79,300
332	NED University of Engineering & Technology	Secure Communication usign ECC	Computer Science	Usman Institute of Technology	25,000	-	25,000
333	NED University of Engineering & Technology	Smart Shop	Computer Science	Usman Institute of Technology	20,000	-	20,000
334	NED University of Engineering & Technology	Intelligent Sales Engine	Computer Science	Usman Institute of Technology	44,500	-	44,500
335	NED University of Engineering & Technology	Communicator for Special Persons using Pakistan Sign Language	Computer Science	Usman Institute of Technology	70,000	-	70,000
336	NED University of Engineering & Technology	Humanoid RC Robot	Electrical Engineering	Usman Institute of Technology	43,900	0	43,900
337	NED University of Engineering & Technology	The Smartcane For Blind People	Electrical Engineering	Usman Institute of Technology	52,050	0	52,050
338	NED University of Engineering & Technology	Automation of Fabric Inspection Machine using Digital Image Processing	Electrical Engineering	Usman Institute of Technology	44,100	0	44,100
339	PAF-KIET	E-Voting	Computer Science	Main Campus	25,000	-	25,000
340	PAF-KIET	Active Transduction of Distant Signals Through Optical Coupling	Electronics Engineering	Main Campus	70,000	10,000	80,000
341	PAF-KIET	Motion Capturing	Electronics Engineering	Main Campus	18,790	0	18,790
342	PAF-KIET	Image Processing Based Glass Jam Cap Inspection System	Electronics Engineering	Main Campus	70,000	10,000	80,000
343	PAF-KIET	Obstacle Detection System for Visually Impaired With Tracking System	Electronics Engineering	Main Campus	12,000	0	12,000
344	Pakistan Institute of Engineering and Applied Sciences (PIEAS), Islamabad	Design and Operation Optimization of A Solar Collector System	Electrical Engineering	Main Campus	61,000	10,000	71,000
345	Pakistan Institute of Engineering and Applied Sciences (PIEAS), Islamabad	Design and Development of Marx Generator Based 40kVPulsed Power Supply for Non-Lethal Electric Fence Applications	Electrical Engineering	Main Campus	70,000	10,000	80,000
346	Pakistan Institute of Engineering and Applied Sciences (PIEAS), Islamabad	Brain Controlled Wheelchair	Electrical Engineering	Main Campus	70,000	10,000	80,000
347	Pakistan Institute of Engineering and Applied Sciences (PIEAS), Islamabad	Development of FPGA Based Real time Brain Imaging System	Electrical Engineering	Main Campus	70,000	0	70,000
348	Quaid-e-Awam University of Engineering, Science & Technology (QUEST) Nawabshah	Smart Home Automation	Computer Engineering	Main Campus	70,000	0	70,000
349	Quaid-e-Awam University of Engineering, Science & Technology (QUEST) Nawabshah	Unmanned/Autonomous Rail-Track Surveillance Trolley for preemptive Decision making	Computer Engineering	Main Campus	70,000	0	70,000

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
350	Quaid-e-Awam University of Engineering, Science & Technology (QUEST) Nawabshah	Power Generation by Foot Step using piezo electric sensor	Electrical Engineering	Main Campus	70,000	10,000	80,000
351	Quaid-e-Awam University of Engineering, Science & Technology (QUEST) Nawabshah	Ardino based home automatiom using GSM Technology	Electrical Engineering	Main Campus	62,000	10,000	72,000
352	Quaid-e-Awam University of Engineering, Science & Technology (QUEST) Nawabshah	Zigbee& Microcontroller based portable ECG	Electronics Engineering	Main Campus	60,000	0	60,000
353	Quaid-e-Awam University of Engineering, Science & Technology (QUEST) Nawabshah	Electronic Power Steering	Electronics Engineering	Main Campus	41,000	10,000	51,000
354	Quaid-e-Awam University of Engineering, Science & Technology (QUEST) Nawabshah	Point Tracking an android app for tracking busses	Information Technology	Main Campus	70,000	0	70,000
355	Riphah International University, Islamabad	Bandpass Filter Design for 5G- Wifi Applications	Electrical Engineering	Main Campus	70,000	0	70,000
356	Riphah International University, Islamabad	A Novel Broadband Bandpass Filter Using T-Shaped Resonator	Electrical Engineering	Main Campus	70,000	0	70,000
357	Sardar Bahadur Khan Women's University, Quetta	Visitor Management System for SBKWU	Computer Science	Main Campus	70,000	0	70,000
358	Sarhad University of Science & Information Technology, Peshawar.	Solar Air Condition Bed	Electrical Engineering	Main Campus	70,000	0	70,000
359	Sarhad University of Science & Information Technology, Peshawar.	Power line based PLC and SCADA dual control system without false triggering	Electrical Engineering	Main Campus	70,000	0	70,000
360	Sarhad University of Science & Information Technology, Peshawar.	Deployment and Performance of UAV for Crop Spraying	Electrical Engineering	Main Campus	70,000	0	70,000
361	Sarhad University of Science & Information Technology, Peshawar.	Wirless hand gesture robot based on digital image processing	Electrical Engineering	Main Campus	50,430	0	50,430
362	Sarhad University of Science & Information Technology, Peshawar.	Hand Gesture Based Nurse Following Motorized Wheel Chair for Medical center	Information Technology	Main Campus	65,000	10,000	75,000
363	Sarhad University of Science & Information Technology, Peshawar.	Vehicle Tracking System	Information Technology	Main Campus	62,500	10,000	72,500
364	Sindh Agriculture University, Tandojam	Android Application for Control the Home Appliance	Information Technology	Main Campus	20,000	10,000	30,000
365	Sindh Agriculture University, Tandojam	Thumb Attendance System	Information Technology	Main Campus	24,000	10,000	34,000
366	Sindh Agriculture University, Tandojam	Domain Based Proxy Server	Information Technology	Main Campus	-	10,000	10,000
367	Sindh Agriculture University, Tandojam	Steganoraphy a new Technology for Hiding Text File in Audio (WAV) Files using Low Bit Encoding	Information Technology	Main Campus	20,000	10,000	30,000
368	Sir Syed University of Engineering & Technology (SSUET), Karachi	Internet of Things, Android Based Automation System	Computer Engineering	Main Campus	69,900	0	69,900
369	Sir Syed University of Engineering & Technology (SSUET), Karachi	ReadOye	Computer Science	Main Campus	35,000	0	35,000
370	Sir Syed University of Engineering & Technology (SSUET), Karachi	Robot Control by Neurons and Facial Gesture	Electronics Engineering	Main Campus	70,000	0	70,000

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
371	Sir Syed University of Engineering & Technology (SSUET), Karachi	Force Feedback Control of Robotic Arm	Electronics Engineering	Main Campus	70,000	0	70,000
372	Sir Syed University of Engineering & Technology (SSUET), Karachi	Vertical Take-off & Landing (VTOL) Aircraft	Electronics Engineering	Main Campus	70,000	10,000	80,000
373	Sir Syed University of Engineering & Technology (SSUET), Karachi	Robotic Mobilization Device (For People With Leg Disabilities)	Electronics Engineering	Main Campus	63,000	0	63,000
374	Sir Syed University of Engineering & Technology (SSUET), Karachi	Hand Gesture Recognition Device	Telecom Engineering	Main Campus	69,000	0	69,000
375	Sir Syed University of Engineering & Technology (SSUET), Karachi	Mind-Machine Interface	Telecom Engineering	Main Campus	70,000	0	70,000
376	Sir Syed University of Engineering & Technology (SSUET), Karachi	Intelligent Autonomous Car Using Arduino	Telecom Engineering	Main Campus	30,000	0	30,000
377	Sir Syed University of Engineering & Technology (SSUET), Karachi	Real Time Implementation of Cognitive Radio Using FPGA	Telecom Engineering	Main Campus	70,000	0	70,000
378	Sukkur, IBA	Smart Intercom	Computer Science	Main Campus	70,000	10,000	80,000
379	Sukkur, IBA	Andriod Ignition	Computer Science	Main Campus	57,000	-	57,000
380	Sukkur, IBA	Remote Healthcare Blood Pressure Monitoring System	Computer Science	Main Campus	45,000	10,000	55,000
381	Sukkur, IBA	Aero Security	Computer Science	Main Campus	44,000	10,000	54,000
382	Sukkur, IBA	Adaptove Full Beam dispersion control for glare free automotive headlights	Electrical Engineering	Main Campus	70,000	-	70,000
383	Sukkur, IBA	Installation of Solar Plant For a Village Monitored Via GSM	Electrical Engineering	Main Campus	70,000	-	70,000
384	Sukkur, IBA	Cost Effective Intelligent Bus Tracking and Implementation in FPGA	Electrical Engineering	Main Campus	49,620	-	49,620
385	Sukkur, IBA	Pervasive Electricity Distribution System	Electrical Engineering	Main Campus	68,700	-	68,700
386	SZABIST, Karachi	NGO Management System	Computer Science	Hyderabad	38,000	-	38,000
387	SZABIST, Karachi	Docknock (Android Application)	Computer Science	Hyderabad	70,000	-	70,000
388	SZABIST, Karachi	Talking Lights - Lifi For Transmitting Information in thin Air	Computer Science	Hyderabad	70,000	-	70,000
389	SZABIST, Karachi	Retail Expert	Computer Science	Hyderabad	70,000	-	70,000
390	SZABIST, Karachi	Virtual Reality experiences	Computer Science	Karachi	70,000	-	70,000
391	SZABIST, Karachi	Smart Eye	Mechatronics Engineering	Karachi	21,500	3,500	25,000
392	SZABIST, Karachi	Exoskeleton	Mechatronics Engineering	Karachi	68,000	5,500	73,500
393	SZABIST, Karachi	Autonomous UAV for object tracking and monitoring using GPS navigation	Mechatronics Engineering	Karachi	70,000	-	70,000
394	SZABIST, Karachi	Design and Fabrication of an autonomous Multipurpose Robot to assist Disabled People	Mechatronics Engineering	Karachi	70,000	8,200	78,200
395	The University of Azad Jammu & Kashmir	Pulse/heart beat detector using android app	Software Engineering	Main Campus	27,500	-	27,500
396	The University of Azad Jammu & Kashmir	Application of Emerging Technology (Six Sense Technology)	Software Engineering	Main Campus	63,100	-	63,100

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
397	The University of Faisalabad, Faisalabad	EHSAS-E-NOOR A Wearable Device To Assist Blind and Visually Impaired People by Haptic and Voice Feedback Using Kinect	Electrical Engineering	Main Campus	70,000	-	70,000
398	The University of Faisalabad, Faisalabad	Military Based Robotic Tank	Electrical Engineering	Main Campus	70,000	9,000	79,000
399	The University of Faisalabad, Faisalabad	Design and Simulation of Fully Automated Fire Tube Boiler Using PLC	Electrical Engineering	Main Campus	70,000	-	70,000
400	The University of Faisalabad, Faisalabad	Reduction of Operational Losses of Industrial Load by Using Intelligent Driver	Electrical Engineering	Main Campus	60,000	-	60,000
401	The University of Lahore, Lahore	Beacon VOIP Restaurant System	Computer Science	Lahore	70,000	-	70,000
402	The University of Lahore, Lahore	Smart Trolley	Computer Science	Lahore	62,740	-	62,740
403	The University of Lahore, Lahore	Brain Machine Interface Using EEG Signals	Electrical Engineering	Lahore	46,700	10,000	56,700
404	The University of Lahore, Lahore	Human to Human & Machine Interface Using EMG Signals	Electrical Engineering	Lahore	70,000	3,000	73,000
405	The University of Lahore, Lahore	Lab VIEW Based Data Acquisition, Processing and GUI for ECG Analysis	Electrical Engineering	Lahore	70,000	10,000	80,000
406	The University of Lahore, Lahore	Remote Transmission of ECG Signal over Internet	Electrical Engineering	Lahore	66,000	10,000	76,000
407	UET, Peshawar	Antenna Design Wi-Fi Application	Electronics Engineering	Abbottabad	-	-	-
408	UET, Peshawar	Ditection of Gas Leakage with SMS Alert and Digitization of Fuel in Automobiles	Electronics Engineering	Abbottabad	27,000	-	27,000
409	UET, Peshawar	Active Noise Cancelling FM Transmitter and Receiver	Electronics Engineering	Abbottabad	68,550	-	68,550
410	UET, Peshawar	Design of an Intelligent Solar Charge Controller Using Mppt to Improve Efficiency of PV System	Electrical Engineering	Bannu	44,800	-	44,800
411	UET, Peshawar	Energy Trading Among Micro Grids for Efficient Power Utilization	Electrical Engineering	Bannu	70,000	5,000	75,000
412	UET, Peshawar	Intelligent Accident Detection & Ambulance Rescure System	Electrical Engineering	Bannu	53,200	-	53,200
413	UET, Peshawar	Portable 3D Printer	Electrical Engineering	Bannu	52,220	-	52,220
414	UET, Peshawar	Robotic Land Survey	Electrical Engineering	Kohat	20,000	10,000	30,000
415	UET, Peshawar	Patient Monitoring System using Internet	Electrical Engineering	Kohat	23,800	-	23,800
416	UET, Peshawar	Head Movement Based Electric Wheel Chair	Electrical Engineering	Kohat	56,000	-	56,000
417	UET, Peshawar	Android Based Home Automation using Internet(IoT)	Electrical Engineering	Kohat	32,900	5,000	37,900
418	UET, Peshawar	Generation of Fuel Gas Usign Water and Solar Energy	Electrical Engineering	Mardan	18,200	-	18,200
419	UET, Peshawar	Design and Analysis of Fequency Reconfigurable Antennas for Medical and Communication Purposes	Telecom Engineering	Mardan	55,000	5,000	60,000

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
420	UET, Peshawar	Immediate Fault Detection and Quick Respnscce in the power Distribution System	Electrical Engineering	Mardan	41,100	-	41,100
421	UET, Peshawar	Design and Fabrication of Quadcopter Drone with Auto navigation System	Electrical Engineering	Mardan	57,500	10,000	67,500
422	UET, Peshawar	Autonomous Unmanned Ground Vehicle(UGV) with Smart Object Avoidance	Electrical Engineering	Mardan	54,591	7,000	61,591
423	UET, Peshawar	Design and Analysis of Wearable/Textile Antenna using EBG Ground Planes	Telecom Engineering	Mardan	37,500	10,000	47,500
424	UET, Peshawar	Compact Size Dual Band Implantable Antenna for Biotelemetry Application	Telecom Engineering	Mardan	70,000	-	70,000
425	UET, Peshawar	GSM Based SCADA: Power Monitorign and Power Management Usign Microcontroller	Telecom Engineering	Mardan	7,310	9,000	16,310
426	UET, Peshawar	Design & Development of an Air Pollution Monitoring Station	Computer & Information Sciences	Peshawar	70,000	-	70,000
427	UET, Peshawar	Smart Switching of Feeders for Efficient Management of Load	Electrical Engineering	Peshawar	70,000	-	70,000
428	UET, Peshawar	Low Cost Shake Table	Electrical Engineering	Peshawar	70,000	-	70,000
429	UET, Peshawar	Implementation of Smart Nanogrid	Electrical Engineering	Peshawar	70,000	-	70,000
430	UET, Peshawar	Zig-bee Based Intelligent module for Energy metering with GUI	Electrical Engineering	Peshawar	23,500	-	23,500
431	University of Central Punjab, Lahore	All Terrain Surveillance and Rescue Robot	Information Technology	Johar Town, Lahore Campus	70,000	10,000	80,000
432	University of Central Punjab, Lahore	Autonomous Flying Robot for Surveillance	Information Technology	Johar Town, Lahore Campus	68,100	10,000	78,100
433	University of Central Punjab, Lahore	Aerial Pest Detection in Crops	Information Technology	Johar Town, Lahore Campus	70,000	10,000	80,000
434	University of Central Punjab, Lahore	Intelligent Environment Control and Lighting	Information Technology	Johar Town, Lahore Campus	64,000	10,000	74,000
435	University of Engg. & Technology (UET) Taxila	Accident Prevention Using Eye Blink And Head Movement Monitoring	Electrical Engineering	APCOMS	16,500	10,000	26,500
436	University of Engg. & Technology (UET) Taxila	Communication Trainer for Engineers	Electrical Engineering	APCOMS	70,000	-	70,000
437	University of Engg. & Technology (UET) Taxila	Antenna Training System For Undergraduate Labs	Electrical Engineering	APCOMS	65,000	-	65,000
438	University of Engg. & Technology (UET) Taxila	Charge Controller Regenerative Braking System for Automobiles	Electrical Engineering	APCOMS	50,000	10,000	60,000
439	University of Engg. & Technology (UET) Taxila	Intelligent Learning Through Interactive Whiteboard	Software Engineering	APCOMS	70,000	-	70,000
440	University of Engg. & Technology (UET) Taxila	Control and automation of boiler along with instrumentation parameters for the generation of steam using PLC	Mechatronics Engineering	Chakwal	60,000	10,000	70,000
441	University of Engg. & Technology (UET) Taxila	Design and Implementation of Biaxial Solar Tracker	Mechatronics Engineering	Chakwal	55,700	9,500	65,200
442	University of Engg. & Technology (UET) Taxila	Automatic Medicine Dispenser Machine	Mechatronics Engineering	Chakwal	33,470	-	33,470

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
443	University of Engg. & Technology (UET) Taxila	Design and Implementation of MHD based Propeller	Electrical Engineering	Main Campus	12,200	6,310	18,510
444	University of Engg. & Technology (UET) Taxila	Control System Design for Disable Persons using Brain Computer interface (BCI)	Electrical Engineering	Main Campus	70,000	10,000	80,000
445	University of Engg. & Technology, Lahore	Magnetically Levitated Vertical Axis Wind Turbine	Electrical Engineering	FSD Campus	57,010	4,000	61,010
446	University of Engg. & Technology, Lahore	Self Balancing Robot Using IMU as Feedback Element	Electrical Engineering	FSD Campus	8,850	-	8,850
447	University of Engg. & Technology, Lahore	Unipad Design, Fabrication and Simulation	Mechatronics Engineering	FSD Campus	47,100	-	47,100
448	University of Engg. & Technology, Lahore	Autonomous Mobile Robot For PipeLine Inspection	Mechatronics Engineering	FSD Campus	52,000	-	52,000
449	University of Engg. & Technology, Lahore	Design and Implementation of Next Generation Security and Surveillance System	Electrical Engineering	KalaShah Kaku	70,000	-	70,000
450	University of Engg. & Technology, Lahore	VT 360 (Virtual Teleportation)	Computer Science	Main Campus	70,000	10,000	80,000
451	University of Engg. & Technology, Lahore	iFruitfly - An Intelligent system for food Quality	Computer Science	Main Campus	46,440	-	46,440
452	University of Engg. & Technology, Lahore	Wi-Fi and GSM enabled Smart Switching	Computer Science	Main Campus	70,000	-	70,000
453	University of Engg. & Technology, Lahore	OSCAR (Omni Directional Speech Controlled Automated Room)	Computer Science	Main Campus	70,000	10,000	80,000
454	University of Engg. & Technology, Lahore	Grid Tied Multilevel Inverter with Power Quality Monitoring	Electrical Engineering	Main Campus	70,000	10,000	80,000
455	University of Engg. & Technology, Lahore	Wheelief: An Automated Guided Wheel Chair	Electrical Engineering	Main Campus	70,000	-	70,000
456	University of Engg. & Technology, Lahore	Diagnostic Tests for Cancer and Asthma	Electrical Engineering	Main Campus	70,000	-	70,000
457	University of Engg. & Technology, Lahore	Human Body Detection Under EarthQuake Rubble	Electrical Engineering	Main Campus	65,000	-	65,000
458	University of Engg. & Technology, Lahore	Agri-Robot for Soil and Crop Monitoring	Mechatronics Engineering	Main Campus	70,000	-	70,000
459	University of Engg. & Technology, Lahore	Multi Directional, Multi Cylinder Generator Wind Turbine	Electrical Engineering	Narowal Campus	49,000	-	49,000
460	University of Engg. & Technology, Lahore	High Voltage High Frequency Pulse Generator	Electrical Engineering	Narowal Campus	14,100	-	14,100
461	University of Engg. & Technology, Lahore	Rotogravure Drum Exposing Using Laser Technology	Electrical Engineering	NFC-Institute of Engineering and Fertilizer Research	65,500	-	65,500
462	University of Engg. & Technology, Lahore	Automatic Leather Nesting Machine	Electrical Engineering	NFC-Institute of Engineering and Fertilizer Research	60,249	-	60,249
463	University of Engg. & Technology, Lahore	Portable Hybrid Refrigeration System	Electrical Engineering	Sharif College of Engineering and Technology	-	-	-

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
464	University of Engg. & Technology, Lahore	Microcontroller Based High Speed Switching Converter From Single Phase to Three Phase	Electrical Engineering	Sharif College of Engineering and Technology	15,000	-	15,000
465	University of Engg. & Technology, Lahore	Smart Monitoring and Optimization of WSBG7 Based Power System	Electrical Engineering	Sharif College of Engineering and Technology	32,700	-	32,700
466	University of Gujrat, Gujrat	Underground Power Cable Detection	Electrical Engineering	Main Campus	54,000	-	54,000
467	University of Gujrat, Gujrat	Real Time Electric Power Generation From Tubewells And Synchronization with WAPDA Supply.	Electrical Engineering	Main Campus	70,000	10,000	80,000
468	University of Gujrat, Gujrat	Brain Controlled Wheelchair Using BCI Technology	Electrical Engineering	Main Campus	57,000	3,000	60,000
469	University of Gujrat, Gujrat	Hybrid Automatic Transfer Switch	Electrical Engineering	Main Campus	70,000	-	70,000
470	University of Haripur, Haripur	Low Cost Design for RC Vehicle	Information Technology	Main Campus	35,000	-	35,000
471	University of Haripur, Haripur	Secure Home: Android Based Solution	Information Technology	Main Campus	55,000	-	55,000
472	University of Haripur, Haripur	Safe Driving: An App to Monitor Drowsiness of Driver and Check Speed	Information Technology	Main Campus	55,000	-	55,000
473	University of Haripur, Haripur	GSM Based Smart Safety System	Information Technology	Main Campus	16,450	-	16,450
474	University of Management and Technology, Lahore	Legal Ball	Computer Science	Main Campus	69,598	-	69,598
475	University of Management and Technology, Lahore	A Novel Design of Multisource Priority Based 230V Distribution Panel	Electrical Engineering	Main Campus	69,870	-	69,870
476	University of Management and Technology, Lahore	Suicide Bomber Detector	Electrical Engineering	Main Campus	70,000	-	70,000
477	University of Management and Technology, Lahore	Autonomous Car	Electrical Engineering	Main Campus	30,000	10,000	40,000
478	University of Management and Technology, Lahore	R-Pi Robot as a Personal Assitant for Disabled People in home or office	Electrical Engineering	Main Campus	70,000	-	70,000
479	University of Management and Technology, Lahore	Rice Grain Analyzer and Classifier	Computer Science	Main Campus	50,000	-	50,000
480	University of Management and Technology, Lahore	Study of the environmental change and its effect on Plants by using Z1 motes based wireless sensor network	Telecom Engineering	Main Campus	70,000	-	70,000
481	University of Peshawar, Peshawar	Mind Controlled Robot Car	Computer Science	Main Campus	70,000	10,000	80,000
482	University of Peshawar, Peshawar	Web Based Real-Time Monitoring System for Air Pollution	Computer Science	Main Campus	67,300	-	67,300
483	University of Peshawar, Peshawar	Indoor Patient Localization using WSN	Electronics Engineering	Main Campus	69,000	10,000	79,000
484	University of Peshawar, Peshawar	Android Base Wireless Door Bell System	Electronics Engineering	Main Campus	68,100	10,000	78,100
485	University of Sargodha, Sargodha	Alphabetic Character movement control in LED cube by human Body Actions	Electrical Engineering	Main Campus	70,000	-	70,000
486	University of Sargodha, Sargodha	Low Cost Design Solution for Geophysical Exploration Devices	Electrical Engineering	Main Campus	70,000	-	70,000
487	University of Science & Technology, Bannu	Hand Gestures Controlled Robotic Arm & Car	Electrical Engineering	Main Campus	39,750	10,000	49,750
488	University of Sindh, (SU) Jamshoro	Monitoring and Control of Boiler/Furnace	Electronics Engineering	Main Campus	59,000	-	59,000

S#	University/Institute Name	FYP Title	Department	Campus Name	Budget requested For Equipment	Budget Demanded for Miscellaneous	Total Budget
489	University of Sindh, (SU) Jamshoro	Identity Based Smart Class Environment	Information Technology	Main Campus	28,600	-	28,600
490	University of Sindh, (SU) Jamshoro	Second Eye of Blind(A Smart System for Blind People)	Information Technology	Main Campus	70,000	-	70,000
491	University of Sindh, (SU) Jamshoro	Design of a Smart Wearable Indoor Guidance (SWIG) System for Visually Impaired People	Electronics Engineering	Main Campus	34,100	10,000	44,100
492	University of Sindh, (SU) Jamshoro	On Body Energy Harvesting System	Electronics Engineering	Main Campus	66,650	-	66,650
493	University of Sindh, (SU) Jamshoro	Smart Wheel Chair Controlled Through Android Phone	Information Technology	Main Campus	52,000	-	52,000
494	University of Sindh, (SU) Jamshoro	Vision Based Crowd Surveillance System (VCSS)	Information Technology	Main Campus	30,000	-	30,000
495	University of Swat, Swat	Share your Journey	Software Engineering	Main Campus	26,000	-	26,000
496	University of the Punjab, Lahore	Autonomous Crop Dustinf Quad Copter	Electrical Engineering	New Campus	70,000	-	70,000
497	University of the Punjab, Lahore	Component Based Security System	Computer Science	PUCIT	64,010	-	64,010
498	University of the Punjab, Lahore	BcOn Time	Information Technology	PUCIT	11,300	-	11,300
499	University of the Punjab, Lahore	Electroid	Information Technology	PUCIT	70,000	10,000	80,000
500	University of the Punjab, Lahore	Prediction System Based on Analytics for Library Data	Information Technology	PUCIT	55,000	10,000	65,000
501	University of Wah, Wah Cantt	Android Cell Phone based controlled robotic car using microcontroller	Computer Science	Main Campus	41,000	-	41,000
502	University of Wah, Wah Cantt	Smart Home for Smart Living	Computer Science	Main Campus	23,500	-	23,500
503	University of Wah, Wah Cantt	Ultrasonic Blind Walking Stick	Computer Science	Main Campus	20,874	-	20,874
504	University of Wah, Wah Cantt	Design and Implementation of Smart Bi- Directional Energy Meter to measure Electrical Parameters	Electrical Engineering	Main Campus	12,030	4,070	16,100
505	University of Wah, Wah Cantt	Development of Conveyor Belt System for Distinguishing Objects Based on height and color	Electrical Engineering	Main Campus	51,600	10,000	61,600
506	University of Wah, Wah Cantt	Design and Development of Digital SMART synchroscope	Electrical Engineering	Main Campus	13,000	7,000	20,000
507	University of Wah, Wah Cantt	Parcel delivery Quadcopter using GPS	Electrical Engineering	Main Campus	48,200	-	48,200
508	University of Wah, Wah Cantt	Design and experimental analysis of a solar thermal room heating system	Mechatronics Engineering	Main Campus	29,100	-	29,100
509	University of Wah, Wah Cantt	Design and Development of fully automated hydroponic system	Mechatronics Engineering	Main Campus	41,000	10,000	51,000
510	Virtual University of Pakistan, Lahore	Game Club	Computer Science	Lahore	69,500	-	69,500
511	Virtual University of Pakistan, Lahore	NFC Based Android Task Launcher	Computer Science	Lahore	4,000	-	4,000
512	Virtual University of Pakistan, Lahore	Virtual Dressing Room	Computer Science	Lahore	22,000	-	22,000

Total **27,828,670**