

**FYDP Proposal & Mid Evaluation Marks (Batch 19F)**

<b>Group No.</b>	<b>Supervisor</b>	<b>FYDP Title</b>	<b>Members</b>
G-1	<b>Dr. Muhammad Rauf</b>	SMART Low-Cost Reliable Hybrid E-Bicycle	19/F – ES – 03
			19/F – ES – 07
			19/F – ES – 15
			19/F – ES – 55
G-2	<b>Dr. Muhammad Musharraf Alam</b>	Smart Doctor's Appointment Scheduling & Management System	19/F – ES – 06
			19/F – ES – 48
			19/F – ES – 68
			19/F – ES – 84
G-3	<b>Dr. Awais Gul</b>	Facial Feature Based Attendance System	19/F – ES – 43
			19/F – ES – 69
			19/F – ES – 71
			19/F – ES – 85
G-4	<b>Dr. Awais Gul</b>	Image Processing for Crop Disease Identification	19/F – ES – 18
			19/F – ES – 20
			19/F – ES – 32
			19/F – ES – 64
G-5	<b>Engr. Muhammad Ismail</b>	EV-BMS with Charge Monitoring & Fire Protection	19/F – ES – 28
			19/F – ES – 50
			19/F – ES – 58
			19/F – ES – 80

G-6	<b>Engr. Muhammad Ismail</b>	AI-Based Agri Bot for Smart Farming	19/F – ES – 01
			19/F – ES – 11
			19/F – ES – 19
			19/F – ES – 57
G-7	<b>Engr. Maqsood-Ur-Rehman</b>	IoT Implementation in Smart Grid Security	19/F – ES – 10
			19/F – ES – 12
			19/F – ES – 72
			19/F – ES – 76
G-8	<b>Engr. Maqsood-Ur-Rehman</b>	Intelligent Collusion Avoidance System for Warehouse Automation	19/F – ES – 08
			19/F – ES – 22
			19/F – ES – 56
			19/F – ES – 86
G-9	<b>Engr. Mustafa Mohiuddin</b>	Autonomous Guided Vehicle Based on PLC	19/F – ES – 53
			19/F – ES – 66
			19/F – ES – 73
			19/F – ES – 81
G-10	<b>Engr. Mustafa Mohiuddin</b>	A Multi-Controlled Semi-Autonomous Wheelchair for Old & Physically Challenged People	19/F – ES – 65
			19/F – ES – 77
			19/F – ES – 91
			19/F – ES – 93
G-11	<b>Engr. Talha Tariq</b>	Deep Learning Based Performance Evaluation of IoT Security Devices	19/F – ES – 14

			19/F – ES – 35
			19/F – ES – 51
			19/F – ES – 90
G-12	<b>Engr. Talha Tariq</b>	Design & Development of Digital Doctor	19/F – ES – 25
			19/F – ES – 47
			19/F – ES – 75
			19/F – ES – 83
G-13	<b>Engr. Irshad Memon</b>	Voltage Stability Analysis of Power System Network Integrated with Renewable Source & SVC	19/F – ES – 05
			19/F – ES – 13
			19/F – ES – 21
			19/F – ES – 27
G-14	<b>Engr. Majid Shaikh</b>	Design & Develop Hardware to Demonstrate Smart Grid Using Smart Metering	19/F – ES – 24
			19/F – ES – 30
			19/F – ES – 46
			19/F – ES – 49
G-15	<b>Engr. Majid Shaikh</b>	Automatic Solar Cleaning Robot	19/F – ES – 37
			19/F – ES – 61
			19/F – ES – 63
			19/F – ES – 89
G-16	<b>Engr. Anum Nadir</b>	Smart Helmet	19/F – ES – 02
			19/F – ES – 44

			19/F – ES – 59
			19/F – ES – 60
G-17	<b>Engr. Syed Waqar Alam</b>	Development of On-board Units (OBU) for Intelligent Transportation System (ITS)	19/F – ES – 34
			19/F – ES – 52
			19/F – ES – 70
			19/F – ES – 78
G-18	<b>Engr. Rohail Shaikh</b>	Stress Detection in University Students	19/F – ES – 04
			19/F – ES – 26
			19/F – ES – 45
			19/F – ES – 82
			19/F – ES – 92