

Dawood University of Engineering and Technology, Karachi

Department of Electronic Engineering

SDGs mapping with Final Year Design Project

Batch 19/F

SUSTAINABLE DEVELOPMENT GOALS



<https://www.sdgpakistan.pk/#>

Dawood University of Engineering and Technology, Karachi

Department of Electronic Engineering

SDGs mapping with Final Year Design Project

Batch 19/F

FYDP Supervisors and Projects (Batch 19F)

Dept. of Electronic Engineering

Group No.	Supervisor	FYDP Title	Members	Targeted SDGs
1.	Dr. Muhammad Rauf	SMART Low-Cost Reliable Hybrid E-Bicycle	19/F – ES – 03 19/F – ES – 07 19/F – ES – 15 19/F – ES – 55	3, 7, 8, 9, 13, and 15
2.	Dr. Muhammad Musharraf Alam	Smart Doctor's Appointment Scheduling & Management System	19/F – ES – 06 19/F – ES – 48 19/F – ES – 68 19/F – ES – 84	3, 9, and 10
3.	Dr. Awais Gul	Facial Feature Based Attendance System	19/F – ES – 43 19/F – ES – 69 19/F – ES – 71 19/F – ES – 85	9
4.	Dr. Awais Gul	Image Processing for Crop Disease Identification	19/F – ES – 18 19/F – ES – 20 19/F – ES – 32 19/F – ES – 64	3, 8, 9, and 12
5.	Engr. Muhammad Ismail	EV-BMS with Charge Monitoring & Fire Protection	19/F – ES – 28 19/F – ES – 50 19/F – ES – 58 19/F – ES – 80	3, 7, 8, 9, 13, and 15
6.	Engr. Muhammad Ismail	AI-Based Agri Bot for Smart Farming	19/F – ES – 01 19/F – ES – 11 19/F – ES – 19 19/F – ES – 57	1, 2, 7, 8, 9, 12, and 15
7.	Engr. Maqsood-Ur-Rehman	IoT Implementation in Smart Grid Security	19/F – ES – 10 19/F – ES – 12 19/F – ES – 72 19/F – ES – 76	7, 8, and 9
8.	Engr. Maqsood-Ur-Rehman	Intelligent Collusion Avoidance System for Warehouse Automation	19/F – ES – 08 19/F – ES – 22 19/F – ES – 56 19/F – ES – 86	3
9.	Engr. Mustafa Mohiuddin	Autonomous Guided Vehicle Based on PLC	19/F – ES – 53 19/F – ES – 66 19/F – ES – 73 19/F – ES – 81	9

Dawood University of Engineering and Technology, Karachi

Department of Electronic Engineering

SDGs mapping with Final Year Design Project

Batch 19/F

10.	Engr. Mustafa Mohiuddin	A Multi-Controlled Autonomous Wheelchair for Old & Physically Challenged People	19/F – ES – 65 19/F – ES – 77 19/F – ES – 91 19/F – ES – 93	4
11.	Engr. Talha Tariq	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	9 and 16
12.	Engr. Talha Tariq	Design & Development of Digital Doctor	19/F – ES – 25 19/F – ES – 47 19/F – ES – 75 19/F – ES – 83	3 and 9
13.	Engr. Irshad Memon	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	3
14.	Engr. Majid Shaikh	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	7, 8, and 12
15.	Engr. Majid Shaikh	Automatic Solar Cleaning Robot	19/F – ES – 37 19/F – ES – 61 19/F – ES – 63 19/F – ES – 89	7, 8, and 9
16.	Engr. Anum Nadir	Smart Helmet	19/F – ES – 02 19/F – ES – 44 19/F – ES – 59 19/F – ES – 60	3 and 9
17.	Engr. Syed Waqar Alam	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	9 and 11
18.	Engr. Rohail Shaikh	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	3, 4, and 9