



**Final Year Design Project (FYDP)**  
**Department of Electrical Engineering**  
**(Session 2019-23)**

S. No.	FYDP Group ID	Student Name	Project Title	Advisor	Co-Supervisor From Industry
1	FYP 01/2019-23	Ali Murtaza Aziz Ur Rehman Ibad Ullah	MIMO base Micro strip Patch Antenna with rectangular shape patch for Sub 6GHz 5G Applications	Dr. Javed Iqbal	Engr. Dr. Farman Ullah Sensylink Microelectronics, China
2	FYP 02/2019-23	Zarish Baloch Javeria Qasim Wajahat Ali	Multipurpose Smart Secure backpack using Rasberry Pi Zero W	Dr. Nasir Saleem	Engr. Imran Samad Manager, PTCL
3	FYP 03/2019-23	Abdul Moiz Sufyan Arif Khuzaima Aziz	Smart Wireless Power Transmission for Household Applications	Dr. Ehtasham Mustafa	Engr. Kamran Ali Siddiqui Deputy Manager, Jamshoroo Power Company
4	FYP 04/2019-23	Manahil Javed Sarara Kalsoom Atif Rehman	Intelligent Tri-Energy Management System for Economic Sustainability among Utility-Solar Battery	Dr. Aamir Nawaz	Engr. Rafay Moatassim Ali Lucky Cememnt Limited
5	FYP 05/2019-23	M. Sheeraz Ghani Ullah Irfan Ullah	Meta Material-based highly Isolated MIMO Antenna for Portable Wireless Applications	Dr. Javed Iqbal	Engr. Younis Jadoon Area Manager Jazz Mobile Company
6	FYP 06/2019-23	Iqra Batool	Intelligent Video Surveillance Using Deep Neural Networks	Dr. Nasir Saleem	Engr. Imran Samad Manager, PTCL
7	FYP 07/2019-23	Sharjeel Malik Hidayat Ullah Faisal Khan	IoT Based Smart Agriculture System	Dr. Ehtasham Mustafa	Engr. Younis Jadoon Area Manager Jazz Mobile Company
8	FYP 08/2019-23	Mujtba Kamal	Under and over voltage protection in GSM based system using ARDUINO UNO	Dr. M. Yousaf Ali	Engr. Dr. Farman Ullah Sensylink Microelectronics, China

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**(Session 2018-22)**

S. No.	FYDP Group ID	Student Name	Project Title	Advisor	Co-Supervisor from Industry
1	FYP 01/2018-22	Muhammad Arsalan Muhammad Saleem Muhammad Umar	A reflector Antenna Array for 5G Millimeter Wave Applications	Dr. Javed Iqbal	Engr. Imran Samad Manager, PTCL
2	FYP 02/2018-22	Ansar Nawaz Bilal Haider Muhammad Naeem	Artificial Intelligence- based Drowsy Driver Detection Safety System	Dr. Nasir Saleem	Engr. Dr. Farman Ullah Sensylink Microelectronics, China
3	FYP 03/2018-22	Dindar Ali Faheem Ullah Muhammad Shahzaib	Modeling of Cable Polymeric Materials based on Dielectric Measurements	Dr. Ehtasham Mustafa	Engr. Kamran Ali Siddiqu Deputy Manager, Jamshoroo Power Company
4	FYP 04/2018-22	Atif Zaman Alamzeb khan Raaz Muhammad	GSM based Health Monitoring System for Electrical Machines	Dr. Aamir Nawaz	Engr. Kamran Ali Siddiqu Deputy Manager, Jamshoroo Power Company
5	FYP 05/2018-22	Irfan Ullah Abil Ali Shahid Rasool	Jointly Predict the Vehicle Speed and Distance using Machine Learning Approaches	Dr. Ishtiaq Ahmad	Engr. Imran Samad Manager, PTCL
6	FYP 06/2018-22	Pir Shah Fahad Said Rehman Waheed Kundi	IOT based Transformer Health Monitoring System	Dr. Nasir Saleem	Engr. Rafay Moatassim Ali Lucky Cememnt Limited
7	FYP 07/2018-22	Mansoor Ahmed Muhammad Ullah Noor Salam	Compact Low Cost Ultra wide band MIMO Antenna Design for Lower 5G bands	Jamal Abdul Nasir	Engr. Younis Jadoon Area Manager Jazz Mobile Company
8	FYP 08/2018-22	Imran Khan Waseem Ullah Shah Munir	Modeling, Simulation and Hardware implementation of PMU for the Protection of two Area Network	Dr. Usman Illahi	Engr. Rafay Moatassim Ali Lucky Cememnt Limited
9	FYP 09/2018-22	Amir Junaid Raza Ullah Wahid Ullah	Modeling, Simulation and Hardware implementation of PMU for the Protection of two Area Network	Dr. Usman Illahi	Engr. Younis Jadoon Area Manager Jazz Mobile Company