INSTITUTE OF INDUSTRIAL ELECTRONICS ENGINEERING

<IE-485> Final Year Design Project

Project List

Batch 2022

Semester Fall 2025 (7th)

Sr. No.	Project Title	Student Name	Supervisor/ Co-Supervisor	Industry
43401	Smart Tracking System for Fabric Roll Traceability at Liberty Mills Limited.	1. (22023) Muhammad Masood Anwar Saeed 2. (22039) Shakeel Ur Rehman 3. (22047) Wareesha Ali 4. (22016) Mazhar Hussain	Engr. Dr. Sameer Ahmed Engr. Ghazanfar Ali	Liberty Mills Limited, Karachi
43402	Intelligent Navigation System for Autonomous Ware House Robots.	1. (22038) Shajee Ahmed 2. (22049) Zainab Shahid 3. (22019) Muhammad Anas Anwar Saeed 4 (21031) Muhammad Umer	Engr. Dr. Asif Ahmad Engr. Agha M. Shakir	
43403	Development of a Smart Vision Wearable Device for Visually Impaired Assistance	1. (22041) Syed Shabib Hadi Rizvi 2. (22015) Maryum Hira 3. (22004) Ahtisham Syed 4. (22031) Muhammad Yousuf	Engr. Dr Sajid Hussain Engr. Asghar Daudani	
43404	AI Based Smart Greenhouse Monitoring and Control System.	1. (22022) Muhammad Janeed Qureshi 2. (22042) Syeda Ayesha Fatima 3. (22024) Muhammad Musab Bin Najeeb 4. (22011) Hassan Imran	Engr. Sajid Hussain Engr. Ghazanfar Ali	
43405	Collaborative Robotic Arm Based Automated Assembling System.	1. (22014) Laiba Najam 2. (22018) Muhammad Adil 3. (22033) Munawar Hassan 4. (21028) Muhammad Saad	Engr. Dr. Asif Ahmad Engr. Asghar Daudani	
43406	Upgradation and Automation of Dying and Bleaching Machine at Liberty Mills Limited.	1. (22006) Alishba 2. (22005) Ali Sufyan 3. (22008) Faizan Iqbal Ahmed 4. (21002) Abdullah Asif	Engr. Agha M. Shakir Engr. Dr. Asif Ahmad	Liberty Mills Limited, Karachi
43407	AI-Enabled Smart Vending System for Healthy Living.	1. (22046) Vishakha Ashok 2. (22048) Wasif Manzoor 3. (22029) Muhammad Uzair Ehsan 4. (21023) M Ausaf	Engr. Dr. Sameer Ahmed Engr. Qurratulain	
43408	Development of Real-Time Multi-Camera Monitoring System Using Edge AI.	1. (22001) Abdul Mutaal 2. (22035) Sabih Ali 3. (22017) Muhammad Ahmed 4. (22021) Muhammad Azher Ahmed Khan	Engr. Dr. Syed Saeed Jaffar Engr. Dr. Asif Ahmad	
43409	Design FPGA Based Accelerator for Real Time Image Processing Applications	1. (22034) Saad Sheikh 2. (22020) Muhammad Anza 3. (22043) Syeda Wafa-E-Zehra 4. (22044) Tamoor Ghyoor	Engr. Dr. Farah Haroon Engr. Dr Syed Saeed Jaffar	
43410	Centralized Monitoring and Analytical System for Industrial Process Variables and Utilities at Lucky Textile.	1 (22010) Hafiza Umaima Jamshed 2. (22009) Fatima 3. (22032) Mujtaba Ahmed Siddiui 4. (22028) Muhammad Taha	Engr. Agha M. Shakir Engr. Sajid Hussain	Lucky Textile
43411	Development of Smart Monitoring System for Cathodic Protection of SSGC Gas Pipelines.	1. (22012) Huzaifa Shabbir 2. (22045) Ummaima Shoaib 3. (22030) Muhammad Waleed Khan 4. (20033) Muhammad Umair	Engr. Ghazanfar Ali Engr. G. M. Rind	SSGC Limited Karachi
43412	AI Enabled Autonomous Aerial Window Cleaner	1. (22007) Emaan 2. (22002) Abdul Rafay 3. (22026) Muhammad Saim Khan	Engr. Dr. Syed Saeed Jaffar Engr. Dr. Farah Haroon	

FYDP Coordinator _____ FYDP Review Committee Head _____ Chairperson _____