

#	Dept.	Project Title	Name	Major	Advisor
1	CHE	Microbial-Enhanced Activated Sludge for Sustainable Treatment and Reuse of Industrial Wastewater	Septhy Shwift	CVE	Dr. Sameer Al-Ashah
			Anahita Kattim	CHE	
			Yasamin Esmaili	CHE	
2	CSE	Enhancing Energy-Efficient Resilient for Generation Optimization (ERGO) to Smart Language Models	Hadi Khalid	CMP and MTH	Dr. Imran Zulkarnain
3	CSE	YedTech: Enhancing Prosthetic Function Through Hybrid EMG and Ultrasound Sensing	Sumayya Balhach	CMP	Dr. Alex Alkoton
			Haris Alkharashi	CMP and MTH	
			Mohab Ashraf	CMP	
4	CSE	AI-Powered, End-to-End System for Automated Transient Astrometry	Qasbi Al Tah	COE and CMP	Dr. Tamer Sharabieh
			Hala Daras	CMP and JDS	
			Ezzeddin Diab	CMP	
5	CSE	Real-Time Wearable Lip Reading System for Hearing-Impaired Individuals Using Smart Glasses	Sarah Elayem	CMP	Dr. Michel Paqaquier
			Aref Dogmooch	CMP	
			Zainab Tariq	CMP	
6	CSE	Automated Detection and Personalized Intervention for Body-Focused Repetitive Behaviors	Siva Adhikari	COE	Dr. Mohamed Daoud (Primary), Dr. Sameer Nobel
			Fatima Sherin	CMP	
			Raghad Aldarsani	CMP	
7	CSE	Lisart-Link-A: Bridging 3D-Printed Customizable Computer Interface to Smart Speaker	Shakha Alzoori	CMP	Dr. Alex Alkoton
			Nour Alhadi	COE	
			Muhammad Alsharif	COE	
8	CSE	Embedded Sensing and Data Fusion System for Dual-Modality Concrete Inspection	Abdelrahman Fakhra	COE	Dr. Waleed Dewik
			Ahmad Elshafie	COE	
			Louy Abbas	COE	
9	CSE	THE SARTORIAL MIRROR: INTELLIGENT VIRTUAL TRY-ON SOLUTION FOR SMARTER FASHION AND SUSTAINABLE RETAIL	Renaud Hamad	CMP	Dr. Rab Amer
			Muhammad Kassoona	CMP	
			Bashar Adas	CMP	
10	CSE	Decentralized Trust Architecture for IoT Middleware: Integrating OASIS with the Sol Blockchain	Haniya Alsharif	CMP	Dr. Anabassia Ghrib
			Muhammad Kassoona	CMP	
			Muhammad Kassoona	CMP	
11	CSE	WAVE: A Deep Learning Approach to Detecting and Correcting Quantum Readout and Tagged Errors	Eyad Naser	CMP	Dr. Reham Abuzur
			Furqan Sajad	CMP and MTH	
			Muhammad Dar	CMP	
12	CSE	Adversarial Robust Small Language Models for Hate-Speech Detection on the Edge	Hadiha Elsayed	COE	Dr. Imran Zulkarnain
			Taha Shaker Ali	COE	
			Jana Abdelbaki	COE	
13	CSE	Speech-Guided Real-Time Smart Glasses for Emotion Recognition and Social Support in Autism	Tareq El-Fakhri	CMP	Dr. Shadi Barilatan
			Ayham Hakeem	CMP	
			Zaina Sami	CMP	
14	CSE	HeatSense: A Smart Wearable Heat-Related Injury Prediction System for Workplace Safety	Sayed Mesum Al	CMP	Dr. Sohem Dhou
			Muhammad Hady	CMP	
			Hazem Elkady	COE	
15	CSE	Wearable Smart Glasses as a Multimodal Assistive Solution	Ayeshah Qureshi	COE	Dr. Bilal Al-Ahmed
			Sara Elzawi	COE	
			Shahab Saleem	CMP	
16	CSE	Real-Time AI-Driven Predictive Maintenance for Airport Luggage Systems	Tayyar Anar	COE	Dr. Shadi Barilatan
			Ahmad Asude	COE	
			Nazan Abu-Jarrah	COE	
17	CSE	Autonomous Drones For Emergency Response	Ahmed Ghogay	COE	Dr. Mohamed Hassan
			Osama Alsharif	COE	
			Sayed Elsharif	COE	
18	CSE	KHWAL: BIOMETRIC LEVEL EEG MAGNIFIED SPEECH CLASSIFICATION	Ahmad Mahfazi	CSE	Dr. Mohamed Daoud
			Muhammad Imtiaz	CSE	
			Haidar Raza	CSE	
19	CVE	Design and Experimental Investigation of Concrete Beams Reinforced with FRP Bars and Using Fiber Reinforced Concrete	Mohamed Yagoub	CVE	Dr. Farid Abad
			Muhammad Talib	CVE	
			Somiyeh Eskesocky	CVE	
20	ELE	Design and Comparative Study of Poly-Kinematic Models and Granular Media in a Kinetic Sand Table	Muhammad Usair Abbas	ELE	Dr. Sara Emran
			Muhammad Usair Abbas	ELE	
			Muhammad Usair Abbas	ELE	
21	ELE	Coordinated Robot Foraging with Multi-Agent Reinforcement Learning for Battery Optimization	Muhammad Mohiuddin	ELE	Dr. Amr Hassan
			Saeed Amrhan	ELE	
			Abdullah Almarzooqi	ELE	
22	ELE	MND: Multi-Modal Intelligent Non-Invasive Detection	Danial Idrees	ELE	Dr. Nasser Qadumi
			Abdellatif Niam	ELE	
			Chaya Alhamoud	ELE	
23	ELE	A Dual-Band Wireless Ingestible Capsule for Real-Time Gastrointestinal Sensing	Hady Abdalla	ELE	Dr. Lutfi Alshah
			Shorif Elhos	ELE	
			Muhammad Tawfeeq	ELE	
24	ELE	Design and Development of a Single-Diode of Freedom Drone	Ali Alsharif	EME	Dr. Sara Emran
			Muhammad Hakeem	EME	
			Hady Ali	EME	
25	INE	Taref: Impacts on Supply Chains: A PROSA-Guided Systemic and a Tariff Shock Absorption Framework (TSAF)	Muhammad Vitha	INE	Dr. Vian Ahmed
			Muhammad Vitha	INE	
			Muhammad Vitha	INE	
26	INE	Automation of Defect Detection and Repair Using Robotic Wire Arc Additive Manufacturing (RWAM)	Leen Meroof	INE	Dr. Noha Hassan
			Shahad Alsharafa	INE	
			Fatimah Alsharafa	INE	
27	INE	PainDetect: A Multimodal Platform for Objective Pain Measurement	Jana Alsharafa	INE	Dr. Abdulrahman Shemayeh
			Sara Alsharafa	INE	
			Shahad Alsharafa	INE	
28	INE	Decision support system for optimal routing of autonomous Transomed	Muhammad Vitha	INE	Dr. Faisal Alsharafa
			Muhammad Vitha	INE	
			Muhammad Vitha	INE	

#	Dept.	Project Title	Name	Major	Advisor
1	CHE	Investigating large-scale water purification process through low-cost modified adsorbents	Sadya Ali Saleh	CHE	Dr. Amr Al-Dhannan
2	COE	Smart Parking Management System Real-Time Occupancy	Muhammad	CMP and MTH	Dr. Bilal Al-Ahmed
			Safwan Alsharif	CMP	
			Muhammad Serhan	COE	
3	COE	A Practical Implementation of a Virtualized Energy Harvesting IoT	Ahmed Saad	COE	Dr. Anabassia Ghrib
			Abdulkarim Hantbi	CMP	
			Muhammad Alsharif	CMP	
4	COE	Onboard Vision for Small Robots: Detection, SLAM, and Visual Servoing	Ahmed Dhanawi	COE	Dr. Mohamed Hassan
			Amr Ay	COE	
			Muhammad Serhan	COE	
5	COE	Active Perception and Navigation by the Visually Impaired	Haroon Mohamad	CMP	Dr. Michel Paqaquier
			Ali Alsharif	CMP	
			Abdullah Saleem	COE	
6	COE	Content Aware Artifact Analysis for Neural Video Recommendation	Amr Ay	COE	Dr. Rab Amer
			Amr Ay	COE	
			Amr Ay	COE	
7	COE	Nonlinear Algebraic Quantization Link	Amr Ay	COE	Dr. Rab Amer
			Amr Ay	COE	
			Amr Ay	COE	
8	COE	Continuous Dynamic Arabic Sign Language Interpretation Application	Yara Khalil	COE	Dr. Mohamed Daoud
			Yara Khalil	COE	
			Yara Khalil	COE	
9	COE	AI-Powered Medical Diagnostic System Using Machine Learning for Early Diagnosis and Risk Prediction	Jasra Alzour	COE	Dr. Sohem Dhou
			Yara Khalil	COE	
			Yara Khalil	COE	
10	COE	Sustainable Concrete Reinforcement: Strength and Durability Evaluation of Reinforced Concrete	Ali Mohamed	COE	Dr. Sherif Fathy
			Ali Mohamed	COE	
			Ali Mohamed	COE	
11	ELE	Data-Driven Neural Network Based Behavioral Modeling of Power Amplifiers	Muhammad Abeer	ELE	Dr. Qasbi Al Tah
			Muhammad Abeer	ELE	
			Muhammad Abeer	ELE	
12	ELE	Autonomous Design for Multiple Shear Production Line Inspection	Loay Abbas	ELE	Dr. Nasser Qadumi
			Loay Abbas	ELE	
			Loay Abbas	ELE	
13	ELE	The Quiet Zone: Design of localized wave cancellation system	Yara Khalil	ELE	Dr. Lutfi Alshah
			Yara Khalil	ELE	
			Yara Khalil	ELE	
14	ELE	Low-Cost Portable RF Measurement System	Loay Abbas	ELE	Dr. Qasbi Al Tah
			Loay Abbas	ELE	
			Loay Abbas	ELE	
15	ELE	Autonomous Cable-Traversing Robot for Deep Learning-Based Defect Detection in High-Voltage Transmission Lines	Hadiha Elsayed	ELE	Dr. Ming Xing Tang
			Hadiha Elsayed	ELE	
			Hadiha Elsayed	ELE	
16	ELE	Automatic Pet Feeder	Amr Ay	ELE	Dr. Sohem Dhou
			Amr Ay	ELE	
			Amr Ay	ELE	
17	ELE	Wearable Document Monitoring and Enhancement	Amr Ay	ELE	Dr. Sohem Dhou
			Amr Ay	ELE	
			Amr Ay	ELE	
18	INE	Wearable Psychophysiological Signals for Emotion Monitoring and Environment Optimization	Taha Alsharif	INE	Dr. Sohem Dhou
			Taha Alsharif	INE	
			Taha Alsharif	INE	
19	MCE	Investigating the current status of Tribology: Management to prevent high-temperature degradation with electro-mechanics	Amr Ay	MCE	Dr. Mohamed Hammad
			Amr Ay	MCE	
			Amr Ay	MCE	
20	MCE	Development of a Small Scale Wind Turbine for Low-Speed Applications in the UAE	Safwan Alsharif	MCE	Dr. Mohamed Hammad
			Safwan Alsharif	MCE	
			Safwan Alsharif	MCE	