

Dept. / Prog.	Students	Advisor(s)	Project Title	Rank
CHBE	Amaan Memon Khalifa Aldaquili Alduhoori Lamees Bougas Latifa Alshelahi Nada Ibrahim	Dr. Sameer Al Asheh Dr. Ahmed Aidan	Recovery of Lithium from Spent Lithium-Based Batteries	1
	Hessa AlSuwaidi Mariam Aljasm Roudha Alhellil Alhajeri Sara Alhammadi	Dr. Paul Nancarrow	Manufacture of Phenolic Foam Insulation Incorporating Bio-based Feedstocks	2
	Ayda Atallah Hajar El Rashed Maisha Tasnia Nahla Nowshad Zulfiquer Shaharfa	Dr. Ghaleb Hussein	Reducing the Side Effects of Chemotherapy	3
CMP	Salma Shaarawi Mohamed Eid Aley Eshra Abdelrahman Darwish	Dr. Mohammad Daoud	A Deep Learning Approach for Arabic Sign Language Interpretation	1
	Muhammad Usmani Samir Mahmood Youssef Elmoadany Abdullah Zahid	Dr. Imran Zuolkernan	Hierarchical Object Detection and Real-Time Text Recognition for UAE Traffic Signs	2
	Anas Hakmi Mohammed Mohammed Mohamad Kafi Abdel Rahman Rateb	Dr. Aliaa Moualla	Robots Learning Facial Expressions The Imitation Game Approach	3
COE	Ahmad Mansour Amr Abu Alhaj Omar Farrag Baraa Abed	Dr. Abdulrahman Al-Ali Dr. Taha Landolsi	Intelligent Vehicle Emission Monitoring and Prediction System	1
	Hamza Ahmed Abushahla Ghanim Abdulla Al-Ali Sultan Khalid Abdalla Muhmamd Ismail Sadaqat	Dr. Mohamed AlHajri Dr. Taha Landolsi	Cognitive Radio Spectrum Sensing and Allocation: A Low-Complexity Deep Learning Approach	2
	Ananya Sudheer Ashrita Koshy Saba Hussain Zain Raisan	Dr. Hicham Hallal Dr. Mohamed Alhajri	VR Gamified SeaWorld Tour for Pediatric Cancer Patients	3
CVE	Mohamed Amro Imbabi Ali Raed Al Fakhouri Rafal Ibrahim Habib Kaltham Ali Almhreiri	Dr. Sherif Yehia	Rehabilitation of Damaged Recycled Concrete Beams using Fiber Cementitious Materials	1
	Abdinasir Al Muhumed Ahmed Sheikh Hamdan Saeed Alnuaimi Abdulla Abdulgaffar Qaderi Essra Khaled Al Shawabkeh Nagia Ahmed Aboelyousr	Dr. Mousa Attom	Enhancement of Shear Strength in Clay Soil Using Environmental Hazardous Material	2
	Diana Hammoud Tabarek Mohanad Al falahi Munir Mbarouk Mbarouk	Dr. Farid Abed	Structural Design & Fire Performance of Concrete Beams Reinforced with GFRP Bars	3
ELE	Samrin Saleem Nikita Miller Ahmed Sharafath Ahamed Zibli Rhea Srivastava	Dr. Ming Teng Dr. Salam Dhou (CSE)	Real-Time Wireless Monitoring System with Predictive Analysis of Healthcare Data	1
	Hanna Ahmed Sadoun Amro Basil Alkhatib	Dr. Mahmoud Ibrahim Dr. Amer Zakaria	Human Activity Recognition (HAR) Using Wi-Fi and 3D Convolutional Layers	2
	Safwan Ismail Khan Mostafa Ahmed Nasr Mohamed Elrashid Hassan	Dr. Amer Zakaria Dr. Nasser Qaddoumi	Microwave Based Rail Metal Surface Crack Detection System	3
INE	Malak El-Farra Raghd Hamza Shahd Mahmoud Layan Shadid	Dr. Mahmoud Awad	Vehicle Routing Optimization of Flower Transportation	1
	Layal Afioni Sana Sha'ban Noura Hammoud	Dr. Noha Hussein	Harnessing Nature's Energy Through an Optimized TEG System	2
	Rahaf Amasaib Joudi Abdallah Ahmed Mohamed	Dr. Bayan Hamdan Dr. Vian Ahmad	Digitizing ACAL's Catalyst Defect Detection: A Deep Learning-Driven Approach	3
MCE	Basil Kordi Abdel Rahman hamzah Yazan Nasir Fares Abdelrazeq	Dr. Mohamed Abdelgawad	Building and Optimizing Piezoelectric Pump for Cooling Purposes	1
	Ahmad Khattab Lamees Oudeh Amal Al Khawaja Omar Alhammadi Ibraheem Kanan	Dr. Mohamed Abdelgawad	An Atmospheric Water Generator for Supplying Fresh Water in Arid Regions in the UAE	2
	Momen Aldahshan Ahmed Hassan Faisal Abu Abed	Dr. Mohammad Jaradat	Aquatic Quadrotor semi-Autonomous Sampling System	3