

2018-2019 AUS College of Engineering (CEN) Capstone Projects Competition Winners

Dep.	Student Name	Advisor/s	Project Title	Rank
CHE	Dana Kadoura	Dr. Nikolas Kalogerakis	Optimizing Carbon Black Production from Waste Tires Pyrolysis (Catalytic Slow Pyrolysis)	1
	Mona Kaddura			
	Muna AlHebshi			
	Obaida Zeno			
	Zainab AlHaddad			
	Abdullah El-Amin	Dr. Amani Al Othman	Design of a Mixed Feed FO-RO1 Desalination Process	2
	Mai Alhussein			
	Waad Hussein			
	Ranwa Al Sa'di			
	Nada Allam			
	Faten Jomma	Dr. Nikolas Kalogerakis	Production of Activated Carbon from Waste Tire Pyrolysis	3
	Hamidah ElJarouch			
	Mahmoud Diab			
	Mariam AlMheiri			
	Reem AlHafiz			
CSE	Salman Amin Sowdagar	Dr. Fadi Aloul Dr. Imran Zualkernan	Smart Emergency Evacuation System	1
	Hassan Abdalla Al Noman			
	Omar Abdulkarim Alhammadi			
	Vikram Sakkia			
	Muhammad Umer Sadiq	Dr. Assim Sagahyroon Dr. Salam Dhou	Preliminary Melanoma Detection Using Support Vector Machine Classification	2
	Karam Ahfid			
	Donthi Sankalpa			
	Omar Elbashir Mohamed	Dr. Fadi Aloul Dr. Assim Sagahyroon	Detecting Heart Anomalies Through Machine Learning Based Mobile App	3
	El Houssine Talab			
	Labeeba Begum			

CVE	Ibrahim Oways	Dr. Sherif Yehia	Residual Capacity of Fiber Reinforced Lightweight Concrete Exposed to Elevated Temperature	1
	Mohamed Al-Ashqar			
	Omar Elsayed			
	Rehan Mohamed			
	Noor Al Huda Tello	Dr. Farid Abed	Effect of Harsh Environmental Exposure on the Flexural Performance of BFRP-RC Beams	2
	Malak Abdelrahman			
	Salma ElTonsy			
	Farida Weheda			
	AbdelmonemAmar	Dr. Serter Atabay	Stormwater Drainage Network for Abu Dhabi Corniche	3
	Rokaia Dawoud			
Ismail Medjden				
ELE	Taha ur Rahman	Dr. Shayok	Laser-Based Detection & Classification of Mosquitos	1
	Usama Iqbal	Mukhopadhyay		
	Eman Ouda	Dr. Nasser Qaddoumi		
	Eldar Sido	Dr. Amer Zakaria	Robotic System for Railway Crack Detection Using Microwave Probes	2
	Shoghair Manjikian	Dr. Shayok		
	Yousif Khaireddin	Mukhopadhyay Dr. Nasser Qaddoumi		
	Hamza Khan	Dr. Usman Tariq	Mobile Based Class Attendance using Deep Learning	3
	Nasir Mohammad Khalid			
INE	Rawan A.F. Abdalhadi	Dr. Malick Ndiaye	Optimizing Order Picking Processes at Aramex	1
	Salam Husami			
	Toka Hossameldin Sallam			
	Nagham Mohamad Ismail			
	Anahita Hamidreza Naeimi	Dr. Moncer Hariga	Supply Chain Network Design for a German Software Startup	2
	Omar Ibrahim Kamel			
	Youssef Saad			
	Dina Ashraf Salman	Dr. Abdulrahim Shamayleh Dr. Mahmoud Awad	Business Process Re-Engineering (BPR) of Labour Disputes: Dubai Tawafouq Center	3
	Rania Hani Almadi			
	Adnan Nedat Al Sousy			
	Aseel Mohammad Aljammal			

MCE	Samer Elkhatib	Dr. Mohammad Hamdan	Fully Automated PV Cleaning Robot	1
	Amro Dajani			
	Tarek Knio			
	Mahmoud Alsheikh	Dr. Wael Abuzaid	Lower Exoskeleton Rehabilitation Robot	2
	Mohammad Madi			
	Mohammad Omari			
	Ibrahim Diab			
	Elyas Mohammad Samea	Dr. Mohammad Jaradat	Aerial Manipulation Project	3
	Mohammad Alkharaz			
	Abdul Rahman Itani			
	Aser Ahmed			
	Ibrahim Abuzayed			