

#	Dept.	Project Title	Name	Major	Advisor
1	CHE	Release of Chemotherapy Drugs in Response to Ultrasound from Nanocarriers	Rahma Al Bargouthi	CHE	Dr. Ghaleb Hussein
			Ahman Alruzzi	CHE	
			Banan Mohammad	CHE	
			Eman Adnan	CHE	
2	CHE	Optimizing The Prediction of Epileptic Seizures Using M-Xene Based Surface Electrodes and a Deep Learning Model Combined With Electroencephalogram Signals	Daniel Kordab	INE	Dr. Amani Al-Othman
			Omar Amer	CMP	Dr. Abdulrahim Shamayleh
			Rashaad Hasan	CHE	Dr. Omar Arif
3	CHE	Removal of caffeine from Wastewater using novel zirconium-based membrane	Sidra Abdulkarim	CHE	Dr. Amani Al-Othman
			George Piliposyan	CHE	
			Celine Merhi	CHE	
4	CSE	Ro'ya: A Deep Learning Approach for Human Activity Recognition for Individuals with Visual Impairments	Abdullah Shahid	CMP	Dr. Mohammad Daoud
			Karim Elsayed	CMP	
			Mustafa Ashraf	CMP	
			Adam Burhanpurwala	COE	
5	CSE	"Ransomware Detection Using Machine Learning"	Mostafa Amer	CMP	Dr. Anas Al Majali
			Obada Alhasan	CMP	Dr. Waleed Dwek
			Omar Twalbeh	COE	
			Yahia Shahin	CMP	
6	CSE	AI-Powered BCI for Chess: An Inclusive Solution for Accessible Gaming	Rana Gharaibeh	CMP	Dr. Hicham Hallal
			Lodan Elmugamer	CMP	Dr. Aliaa Moualla
			Abdulla Mahir Bin Saifudheen	COE	Mr. Ali Reza
			Hassan Abouelela	COE	
7	CSE	LenScript: Smart Glasses for Real-Time Transcription and Emotional Awareness for the Hearing Impaired	Syed Arfan Hussain	COE	Dr. Alex Akson
			Layan Alsalah	CMP	Dr. Ra'afat Abu Rukba
			Fatma Alkindi	CMP	
			Salma Ali Alaleeli	CMP	
8	CSE	Automating Wildlife Monitoring: A Classification Framework for Ecologists Using Large Vision Models	Yassine Bouhamed	CMP	Dr. Imran Zualkernan
			Maryam Gharaibeh	CMP	
			Nesreen Rahmeh	CMP	
			Ahmed Wahba	CMP	
9	CSE	Fast Inference and Ultra-Low Power Platform for Desert Search and Rescue	Yousef Irshaid	COE	Dr. Mohamed Alhajri
			Malik Hader	COE	
			Adham Elmosalamy	COE	
			Ahmad Alsaleh	CMP	
10	CSE	Gaze Control: A New Frontier for Disability Assistance	Deena Almuwahed	COE	Dr. Raafat Aburukba
			Abdulrahman Taj	CMP	Dr. Mohammad Daoud
			Tariq Bala'awi	COE	
			Jawdi Alchurbaji	CMP	
11	CSE	Smart Kitchen: Food Management System	Farzaan Siddiqui	COE	Dr. Michel Pasquier
			Mohammad Arfan Ameen	CMP	
			Adithya Sankar	CMP	
			Kareem Ahmed	COE	
12	CSE	Security Scripts as Stories	Adithya Krishnakumar	CMP	Dr. Imran Zualkernan
			Abdulrahman Taj	CMP	
			Abdulrahman Shoaib	COE	
13	CVE	Utilization of concrete washout water in sustainable concrete production	Mustafa Elsayedelroubi	CVE	Dr. Sherif Yahia
			Ahmed Gahalla	CVE	
			Hamza Al khatib	CVE	
			Habiba Atta	CVE	
14	CVE	Advancements in Structural Resilience: Ultra-High Performance Engineered Cementitious Composites (UHPC-ECC) Columns Reinforced with High Strength Steel	Malak Allan	CVE	Dr. Mohammad AlHamaydeh
			Abdulaziz Sharif	CVE	
			Khalid Aboukaram	CVE	
			Lubega Ansar	CVE	
15	CVE	Speed Patterns and Road Safety on the AUS campus	Mohammed Ali	CVE	Dr. Akmal Abdelfatah
			Maryam Ahmed	CVE	
			Hamda AlHammadi	CVE	
16	ELE	Performance Analysis of Bifacial PV Modules Systems	Ali Mohamad	ELE	Dr. Rached Dhaouadi
			Amr Saleh	ELE	Dr. Habib-Ur Rehman
			Fares Srehini	ELE	
17	ELE	Linearization of 5G Power Amplifiers using Advanced Machine Learning Techniques	Marwan Emira	ELE	Dr. Oualid Hammi
			Ziad Hegazy	ELE	
18	ELE	Microwave Based Mechanical Vibration Measurement Prototype	Hamze Soueid	ELE	Dr. Amer Zakaria
			Ahmed Al Bayati	ELE	
			Ahmed Mahmoud	ELE	
19	ELE	IRMIS: Intelligent Rail Maintenance and Inspection System	Mark Farag	ELE	Dr. Nasser Qaddoumi
			Haya Taifour	ELE	
			Abed Alfattah Naseraldin	ELE	
20	ELE	Space Rover for Terrain Navigation and Sample Collection	Saif Aljamri	ELE	Dr. Bara Emran
			Ali Jaafar	ELE	
			Falah Darwish	ELE	
21	ELE	IoT-Enabled LoRa Smart Meter for Energy Monitoring	Abdelrahman Nasrallah	ELE	Dr. Mahmoud H. Ismail Ibrahim
			Mohamed Adam	ELE	Dr. Mostafa Shaaban
22	MCE	Enhancing the deep hole drilling process for steel and aluminum	Suhaila Alshaali	MCE	Dr. Maen Alkhader
			Shaima Alawadi	MCE	
23	MCE	Hydrogen Fuel Cell Powered Compact Vehicle	Saadullah Syed	MCE	Dr. Mehmet Orhan
			Mohamed Kallatra	MCE	
			Mohammed Issa	MCE	
24	MCE	Evaluating and Improving a Handheld Remote Docking Joystick for Unmanned Surface Vessels	Mohammed Mawloud	MCE	Dr. Mehdi Ghommem
			Hisham Tubaishat	MCE	
			Mohammed Obeid	MCE	