

Abu Dhabi University, under the sponsorship of RTX, is organizing:

The 11th Undergraduate Research and Innovation Competition (URIC)

 Thursday, 23 May 2024

 8:00 AM - 7:00 PM

Keynote Speeches:



Prof. Ghassan Aouad
Chancellor, *Abu Dhabi University*



Mr. Fahad Al Mheiri
Managing Director, *RTX*



Dr. Dirk Richter
Senior Advisor, Director, Health Sector, Innovation, *Abu Dhabi Department of Health*



Dr. Karim Houni
Head of Digital Innovation, *Emirates Global Aluminium*

Category Name	Room Number	Page Number
Accounting, Economics, E-Commerce, Finance & Fintech	H-1F-12	4
Architecture & Urban Planning	U-1F-34	6
Artificial Intelligence & Machine Learning - Session I	D-1F-05	9
Artificial Intelligence & Machine Learning - Session II	D-1F-10	12
Aviation & Aerospace Engineering	H-GF-03	16
Basic Sciences	L-GF-09	18
Biomedical Engineering	L-GF-05A	22
Chemical & Petroleum Engineering	H-1F-03	25
Civil Engineering	H-2F-06 (VC)	27
Clinical Sciences - Section I	Auditorium	28
Clinical Sciences - Session II	D-1F-03	32
Computer Engineering and Cybersecurity	H-GF-11A	36
Computer Science & Information Technology	L-GF-06A	40
Education & Instructional Technologies	U-1F-09	44
Electrical & Electronics Engineering - Session I	H-2F-01	46
Electrical & Electronics Engineering - Session II	D-2F-16	49
Environmental Engineering	H-2F-25	50
Innovation Competition	Innovation Center	53
Management and Human Resources Management	H-1F-14	57
Mechanical Engineering	U-1F-32	59
Nutritional and Food Sciences	H-GF-04	62
Pharmaceutical Sciences	D-1F-04	64
Psychology	H-1F-11	67
Public Health Sciences - Session I	D-1F-14	69
Public Health Sciences - Session II	A-1F-01	72
Public Relations and Mass Communications	H-GF-07	74
Sociology	H-1F-13	76
Sustainable & Renewable Energy	U-1F-35	78

Time	Activity	Venue
8:00 AM – 9:00 AM	Registration / Welcoming Students & Guests	Atrium
9:00 AM – 9:05 AM	UAE National Anthem	Auditorium
9:05 AM – 9:15 AM	Prof. Ghassan Aouad , <i>Chancellor, Abu Dhabi University</i>	Auditorium
9:15 AM – 9:25 AM	Mr. Fahad Al Mheiri , <i>Managing Director, RTX</i>	Auditorium
9:25 AM – 9:35 AM	Dr. Dirk Richter , <i>Senior Advisor, Director, Health Sector Innovation, Abu Dhabi Department of Health</i>	Auditorium
9:35 AM – 9:45 AM	Dr. Karim Houni , <i>Head of Digital Innovation, Emirates Global Aluminium</i>	Auditorium
9:45 AM – 9:50 AM	Token of Appreciation to Guests	Auditorium
9:50 AM – 10:15 AM	Dispersal to Classrooms	Classrooms
10:15 AM – 12:45 PM	Morning Session – Student Presentations and Evaluations / VIP Tour	Auditorium
12:45 PM – 2:15 PM	Lunch Break	Atrium
2:15 PM – 4:45 PM	Afternoon Session – Student Presentations and Evaluations / VIP Tour	Classrooms
4:45 PM – 6:00 PM	Break and Judging Committee Deliberations	-
6:00 PM – 7:00 PM	Awards Ceremony	Auditorium

Accounting, Economics, Finance & Fintech, E-Commerce, and Digital Marketing

Time: 10:15 am – 12:45 pm | Room # H-1F-12

Project Name	Students	Institution	Mentors
Redefining Boundaries: Collapse of Silicon Valley Bank and the New Era of Banking Risk Management	Namrata Krishnakumar Shenoy, Shivna Bhatia	Manipal University	Dr. Sunitha Prabhuram
Fraud and Management	Maryam Omran Juma	Zayed University - Abu Dhabi branch	Taiba Hussain
The Ripple Effect: Commodity Price Fluctuations and Global Consequences in the Wake of the Russia-Ukraine Conflict	Kamran Hikman Uddin, Maged Mohammed Al-Hilali, Ahmed Hamad Alzaabi	Liwa College	Dr. Shaista Anwar
Microfinance Accessibility, Financial Management, and Microenterprise Performance Nexus	Iram Naveed	City University College of Ajman	Dr. Faisal Khan Dr. Zaheda
Presence of Herding Behaviour in the Stock Markets of the United Arab Emirates During Market Uncertainty: Evidence from the COVID-19 Pandemic	Mariam Joseph Sebastian, Anjleen Kaur Thiara	Manipal University	Suchi Dubey
Pathways to Economic Navigation in Space	Sreya Bino, Hariprasad Kannadi Valloli	Manipal University	Dr. Sunitha Prabhuram
Machine learning and time series forecasting	Mohammed Lutfi Tulimat, Muhammed Ashir Azeem	Abu Dhabi University	Ilias kampouris
Probing the Depths of Financial Fraud Detection: A Research Exploration into the AI and ML Paradigm	Nikhita Gangavarapu, Riona Muriel Dsouza, Rida Falak Badal	Manipal University	Dr. Sunitha Prabhuram

Accounting, Economics, Finance & Fintech, E-Commerce, and Digital Marketing

Time: 2:15 pm – 4:45 pm | Room # H-1F-12

Project Name	Students	Institution	Mentors
Short- and Long-Run Economic Determinants of International Tourist Arrivals	AlReem Ahmad AlMutawa, Maitha Maktoum Alharsoosi, Fatema Mohammed Alhebsi, Rafeea Buti Alnuaimi	United Arab Emirates University	Usman Khalid
The Impact of COVID-19 on the Financial Performance of Banks in UAE	Praveen Peter Dhas	Al Ain University of Science and Technology	Mosab Tabash Shorouq Eletter
Deciphering Super Apps: Influential Factors for Emergence and Prospects in the United Arab Emirates Landscape	Mariam Joseph Sebastian, Anjleen Kaur Thiara, Samiya Katoch	Manipal University	Rajani Ramdas
The Rise of On-demand Economy in the UAE: A Case Study of the Impact of On-demand Services on Consumer Behavior in the City of Fujairah	Zainab Ahmed Zain Elabdin	University of Science and Technology of Fujairah	Liza Gernal
Role of Robo-Advisors in Managing Behavioral Biases Investment Decision-Making in the Digital Wealth Management- A Moderation Analysis	Bayan Mohammed Al- siyabi, Hajar Khamis Al-amri, Aladhraa harith alhadidi	Higher College of Technology - Oman	Mohammed Abass Bhat
The Implications of Novo Nordisk's dominance on the Danish Economy: Navigating the risk of the "Nokia Effect"	Taki-Allah Wesam Mohamed Mohamed Helmy	The British University in Egypt	Nardin Ehab Farouk

Architecture and Urban Planning

Time: 10:15 am – 12:45 pm | Room # U-1F-34

Project Name	Students	Institution	Mentors
Creating Neurodiverse Urban Environments Through Human Factor Engineering	Yana Peeva	New York University Abu Dhabi	Margaret Julias
Malath: A sanctuary for mangrove preservation	Linah Mohammed Saeedi, Zahraa Mukdad Al-Kaabi, Abeer Saleh Salmen	University of Sharjah	Majd Musa
BECOMING BIOSALINE: RESEARCH AND DEVELOPMENT CENTER FOR SALT TOLERANT PLANTS IN RAS-AL-KHAIMAH	Fatima Imran	Canadian University of Dubai	Serkan Gunay
Eternal Heights DUBAI'S VERTICAL URBAN DEVELOPMENT	Hessa Sultan Salim Binkulaif Alteneiji, Lina Alaeddin Dabaghie	University of Sharjah	Marta Bialko
STRUCTURAL PERFORMANCE OF LIGHWEIGHT GEOPOLYMER CONCRETE IN THE UAE HOT CLIMATE	Maitha Khaled Abdulla sultan Alshamsi, Ameera Suhail Abdulla Awadh Almahri, Aya Mohamed Mousa, Shahad Rashid Alyammahi, Hamda Hmoud Hamad Alsalmi	United Arab Emirates University	Mahmoud Haggag Rahma Adan
Smart Agriculture research center	Asma Abdullah Hussain Mohamed Alhermoodi	Ajman University of Science and Technology	Dr Mohammad Arar
Earthtopia: Step towards Re-worlding	farah mohamed helal	Canadian University of Dubai	Constantin Victor Spiridonidis

Architecture and Urban Planning

Time: 2:15 am – 4:45 pm | Room # U-1F-34

Project Name	Students	Institution	Mentors
Renew x perience (renewable energy Centre)	Monjed Ghassan " Mohammad Tawfiq" ALHaddad, omar khalil odeh alhroob	Palestine Polytechnic University	Bader Mohammad Khalil Alatawneh
TechnoThwael	Mohammad Nabeel Sinokrot, Ihab Musa Elatrash	Palestine Polytechnic University	Hazim Mohammad Salem Sider
Campus Outdoor Covered Passages and Students' Sociability in Hot Climate: Case of Sultan Qaboos UniversityAnfaal	Hussain Mohamed Al Hajri, Atheer Ali Nasser Al Shukaili, Omer Salim Rashid Alalawi, Taha Mohamed Abdul Hameed Al Lawati	Sultan Qaboos University	Naima Benkari
Organic relations of Rural Villages (Productivity of a village): Northwest of Jerusalem	Mustafa Ayman Mustafa Aaleem, Maha Amjad Mohammad Mustafa	Birzeit University	Mohammad Abualrob
Urban and Landscape design (for Wadi Al-Quff - Palestine)	Yazan Haitham Auni Muhtaseb, Abdullah Ashraf Takrouri	Palestine Polytechnic University	Hazim M.R. Seder
FRAMEWORK FOR DEVELOPING SUSTAINABLE ARCHITECTURAL ENTREPRENEURSHIP START-UPS IN EGYPT	Mariz Nasser Walis Aziz	The British University in Egypt	Ayman Ahmed Ezzat Othman Fatma Othman Alamoudy

Architecture and Urban Planning

Time: 2:15 am - 4:45 pm | Room # U-1F-34

Project Name	Students	Institution	Mentors
Rehabilitation of Jerusalem International Airport as a flight training center and Memorial hub	nayef abdallah nayef shanak, Karam Imad Saba Khair, Omar Abd Alaziz Ibraheem Barham	Birzeit University	Mohammad Jawabreh
The new waterfront of basra - the rehabilitation of docker island	yamen jalal rajabi, Rashed esam Hassouneh	Palestine polytechnic university	Hazim Seder
A FRAMEWORK FOR ERADICATING WOMEN DISCRIMINATION IN ARCHITECTURAL DESIGN FIRMS IN EGYPT and GCC COUNTRIES	Rodayna Ehab Hegazy	The British University in Egypt	Ayman Ahmed Ezzat Othman Fatma Othman Alamoudy

Artificial Intelligence and Machine Learning- Session A

Time: 10:15 am – 12:45 pm | Room # D-1F-05

Project Name	Students	Institution	Mentors
Flood Monitoring and warning system	RAIA MOHAMMED GUEYE, Alaa Mahomud Mohamed	British Applied College	Dr. Abdelrahman Alkharabsheh
Exploring the Synergies between Software Engineering and Artificial Intelligence: An In-depth Analysis	Shanyar Abdulsalam Taha	University of Kurdistan Hewler	Tarik A. Rashid
Predictive Analytics for Disaster Preparedness	Mariam Sameh Mahmoud Mohamed Sherif	British Applied College,	Dr. Abdelrahman Alkharabsheh
Building Intelligent Depression and Psychological Decision Support Systems Using Machine Learning	Aseel Khalid Abd-Hamid Khatib, Amjad Nashaat	Arab American University	Mohammad Rattrout
Frame-Level Facial Anti-Spoofing Using a CNN Ensemble Model	Anurag Kumar Jha, Ishaan Mishra, Sstuti D Mehra	Birla Institute of Technology & Science	Angel Arul Jothi
Addressing Issues of Bias and Bias Mitigation in Emerging Technologies	Aisha Nasser Ahmed	United Arab Emirates University	Dr Fady Alnajjar
Deep and Federated Predictive Maintenance and Remaining Useful Life Generation of Industrial Combustion Fans under Extreme Conditions: Evidence from the EGA	Hadeel Fedaa Salman, Dima Talal Alhalabi, Shahd Mustafa Alnakhilani, Omar Mahmoud Abdellatif, Abdalla Reda Moustafa Wahideldin Abdelkhalek	Abu Dhabi University	Mohammed Ghazal

Artificial Intelligence and Machine Learning- Session A

Time: 10:15 am – 12:45 pm | Room # D-1F-05

Project Name	Students	Institution	Mentors
Scene Text Recognition and Hierarchical Object Detection	Muhammad Abdullah Usmani, Samir Mahmood, Abdullah Zahid Azeem, Youssef Mohamed Elmadany	American University of Sharjah	Imran Zualkernan
Smart Recycling: Automated Object Detection and Classification for Informed Policy and Enhanced Recycling	Alia Mohammad Alneyadi, Sara Saeed Alhajeri, Nouf Saeed Almahri	Abu Dhabi University	Huma Zia
Machine Learning in Autism Spectrum Disorder Detection and Classification	Marwan Mohamed Alaa Omran, Mahmoud Walid Mohamed Elghandour, Khaled Hamza	The American University in Cairo	Ahmed Moustafa Aya Galal

Artificial Intelligence and Machine Learning- Session A

Time: 2:15 pm – 4:45 pm | Room # D-1F-05

Project Name	Students	Institution	Mentors
Draw My Mind: AI-Powered Mobile Application for Screening Children's Psychological Health Using Transfer Learning	Aaisha Said Khalfan Rashid Al Adawi, Rawan Mabrook Saleh Mubarak, Aisha Abdelhakeem Yousif Almushtaghil Alnaqbi, Sara Saeed Sulaiman Khalfan Alnaqbi	United Arab Emirates University	Mohammad Mehedy Masud
Smart Eye Bot System for Paralyzed Patient in the field of Mental Health and communication Maryam	Mohammed Noor Yahya Al Jaziri, Ghalya Abdelwahid Abdelrahim Mohamed Al-Ali, Hind Suhail Yaser Al Swailmeen	University of Sharjah	Ali ElMoursy
Abstractive Summarization of Lectures and Lecture Segments Transcripts with BART Yaser	Haitham Alesh, Osama Mohamad Abdulghani, Meriem Aoudia, Omar Ibrahim Mahmoud Alali	University of Sharjah	Manar Abu Talib
Exploring the Generalizability of Transfer Learning for Camera Trap Animal Image Classification	Mahmoud Darwish, Keshav Ramesh, Nikita Christ Miller, Ahmed Sharafath Ahamed Zibli	American University of Sharjah	Ali Reza Mohammed Husein Sajun Imran Zualkernan
Cognitive Radio Spectrum Sensing and Allocation: A Low-Complexity Deep Learning Approach	Hamza Ahmed Abushahla, Sultan Khalid Abdalla, Muhammad Ismail Sadaqat, Ghanim Abdulla Alarai Al-AI	American University of Sharjah	Dr. Mohamed AlHajri Dr. Taha Landolsi
NeuroAvatar: An AI-BCI Approach for Deciphering Words from EEG and EOG Signals to Enhance Interactive Avatars	Abdulla Khalid Abdulrahman Al-Serkal, Ahmad Qusai Abdel-Salam Yousef	Rochester Institute of Technology - Dubai	Jinane Mounsef Boutheina Tlili

Artificial Intelligence and Machine Learning- Session B

Time: 10:15 am – 12:45 pm | Room # D-1F-10

Project Name	Students	Institution	Mentors
Automated Classification and Segmentation of Wireless Capsule Endoscopy Frames for Quantitative Gastrointestinal Bleeding Assessment	Nour El Houda Benyahia, Aman Abdul Rahman Kitaz, Shatha Weam Hussein	Ajman University of Science and Technology	Kanhira Kadavath Mujeeb Rahman
Exploratory Data Analysis on Traffic Congestion Worldwide	Randa Youssef Najim	Emirates Aviation University	Dr. Blessy Trencia Lincy
Common Skin Lesions Classification using Transfer Learning	Abdul Rahmaan Ansari	Birla Institute of Technology & Science	Dr. Sujala D. Shetty
Leveraging Machine Learning for Healthcare Insurance Fraud Detection	Aqsa Shaikh, Nikita Selena D'silva	Manipal University	Sophia Rahaman
Crab Age Prediction	Aditya Gopinath, Aouchitya Raju Gawande, Siddarth S Nair	Birla Institute of Technology & Science	J. Angel Arul Jothi
Real-Time Wireless Monitoring System with Predictive Analysis of Healthcare Data	Samrin Saleem, Nikita Miller, Rhea Srivastava, Ahmed Sharafath Ahamed Zibli	American University of Sharjah	Dr Ming Foey Teng Dr Salam Dhou
SignSense: A Sign Language Translator	Ahmed K A Abuhajaj, Zaineh Yasser Naim Khawaja, Mohammed Farah Hassan Dawoud, Jannat Hassan Jamil Mohammed Alalami	American University of Ras Al Khaimah	Khoulood Salameh Abdul Rahman Al Muaitah
Smart Emergency Response System	Fadwa Mohamed Mahmoud, Mariam Islam Atef	British Applied College	Dr. Abdelrahman Alkharabsheh

Artificial Intelligence and Machine Learning- Session B

Time: 10:15 am – 12:45 pm | Room # D-1F-10

Project Name	Students	Institution	Mentors
Optical Character Recognition for Handwritten Syriac Text	Ameer Hameed Majeed	University of Kurdistan Hewler	Hossein Hassani
Implementing Machine Learning (AI) Model, Isotherms, Kinetics, Thermodynamics, and Characterization for Lead Abatement using Prosopis Cineraria Green Leaves from Dhofar Region, Sultanate of Oman, in Industrial Effluent Management	Bakhit Adnan Bakhit Al Sulaimil Almahri, Hafidh Ahmed Salim Ba Alawi, Khalid Mohammed Saleh Bait Abdul Wadood	University of Technology and Applied Sciences (UTAS)	Dr RAKESH NAMDETI

Artificial Intelligence and Machine Learning- Session B

Time: 2:15 pm – 4:45 pm | Room # D-1F-10

Project Name	Students	Institution	Mentors
3D U-Net Mastery: Improving Brain Tumor Segmentation for Enhanced Clinical Decision-Making	Mira Zeyad Zahi Melhem, Mirna Khlaed Mousa Abu-Dhaim, Maha Anwar Hamdy Hayajneh, Wasan Majdi Yaseen Hawari	The University of Jordan	Omar Sultan Soud Al-Kadi Nadim Ali Mer'iy Obeid
دليل الرياض Riyadh Guide	Aljawharah Bin Turayki, Sarah Alshehri, Raneem Abdulhamid Alhabib	King Saud University	Lama Saleh Alsudias
Taboua(تبوأ): Image Classification Technology in Promoting Sustainable Waste Management Practices	Danah Alotaibi, Fay Aljardan, Latifah Allaboun, Afnan Alotay	King Saud University	Ebtisam Alabdulqader
Techقصص Mobile Application for storytelling and illustration	Lujain Almansour, Hend Alshaya, Hessah Alsubaie, Norah Almaziad, Tala Alabbad	King Saud University	Dr. Manal Albahlal
AI-based waste sorting apparatus	Abdelrazzaq Ahmad Abuhejleh, Moath Zaid Alafeshat	German Jordanian University	Natheer Almtireen
Integrating Artificial Intelligence to improve the results of using Recycled Materials in FDM 3D Printing	Abdullah Ammar Ahmed Ahmed, Omar Sohaib Ahmed Obeidat, Hala Mahmoud Hamdi El Hindi, Mahmoud Khalid Ibrahim Abu Mustafa	German Jordanian University	Sahar Qaadan Frank Schrödel

Artificial Intelligence and Machine Learning- Session B

Time: 2:15 pm – 4:45 pm | Room # D-1F-10

Project Name	Students	Institution	Mentors
IntelliSafe Doorbell Zain Refqi (Naji Najeeb)	Assaf, Obadah Itemad Faisal Yahya, Omar Salah Ibraheem Hantouli	Arab American University	Asem Ahmed Mohamed Salah
Handwritten Medical Prescription Detection using Transformers	Abdulrahman Almonzer	The British University in Egypt	Sally Saad
Artificial Intelligence Approach to State of Charge Estimation for Smart Battery Management Systems	Mohammad Bilal Alkouli	King Fahd University of Petroleum and Minerals	Mohammad A. Abido Md Ismail Hossain
Autonomous Vehicles Trajectory Prediction Approach Using Machine Learning	Suhaib Hasan Sulaiman Aljbour	Jordan University of Science and Technology	Mohammad Al-Shurman

Aviation and Aerospace Engineering

Time: 10:15 am – 12:45 pm | Room # H-GF-03

Project Name	Students	Institution	Mentors
Multimodal Deep Detection, Localization, and Classification of Drone and Controller for Airspace Protection and Neutralization	Abdalla Reda Moustafa Wahideldin Abdelkhalek, Mahboob Anwar, Mohamed Adel Abdelbari, Zia Farhan Farhan, Noura Yasser Alalawi	Abu Dhabi University,	Jawad Yousaf Mohammed Ghazal
Navigating Sustainable Skies - A Comprehensive Investigation into Green Aircraft Engine Technologies for Environmental Impact Reduction	Anushka Arvind, Zainab Mahmood Alsaati	Emirates Aviation University	DR. Anju Anna Jacob
Piezoelectric Material Integration for Real-Time Electric Voltage Generation of Launch Vehicles	Fawzan Mohamed Kareem Navaz, Kareena Mueenuddin	Amity University Dubai	Sarath Raj Nadarajan Syamala
Stability Analysis of Flexible Aircraft Using Gerschgorin Circle Theorem	Sanchit Choudhary	Birla Institute of Technology & Science	Vilas H. Gaidhane
Preventing bird-strikes on commercial aircraft	Abdullah Mizban Ali, Hashim Alaa Shaddad	Emirates Aviation University	Walid Abou Hweij
EcoFlight Energy: Harnessing Passenger Power	Zubaida Ahmed Ali AlZubaidi, Reem Eisa Mohammed Abdulla Alblooshi, Hamad Husain Hasan Ali Almarzooqi, Ali Saeed Saad Abdulla Almenhali	Abu Dhabi Polytechnic	Mr.Ferdinand.Caparas

Aviation and Aerospace Engineering

Time: 10:15 am – 12:45 pm | Room # H-GF-03

Project Name	Students	Institution	Mentors
Bio-inspired flight systems and bionic aerodynamics	Joaquin Rafael Pagaling, Dana Ibrahim Almansoori	Abu Dhabi University	Dr. Sharum Sham Bin Dol
Analyzing the Efficiency of Selected Airlines by DEA	Mishari Fairouz, Abdulwahab Asaad Alghareeb	American University of the Middle East	Ozgur Uysal

Basic Sciences

Time: 10:15 am – 12:45 pm | Room # L-GF-09

Project Name	Students	Institution	Mentors
A Study on Excessive Use of Smart Phones and its Impact on Learning Process of Students	عائشة حميد راشد المدهوشي, Hamed suhail maayathad al balushi, Toqa hamed abdullah alhashmi, Hussien Ali Mohammed Al Makmmari, Samira Said Al Maqbali	University of Buraimi	Dr Mohammed Kashif DR Shobana Gangadharan
Prevalence of Uterine Fibroids Among Females Approaching Healthcare Facilities In UAE	Adhya Miriam Tom, Santhra Petar, Ahit Mathew Sam, Afreen Shihabudheen,	Gulf Medical University,	Prof. Shatha Al Sharbatti Dr. Preetha J Shetty
Fisetin reduces promoter methylation and DNA modifying signatures in cancer	Adeeba Khalid Shaikh, Uliana Andreeva	Manipal University	Dr. Nazia Afroze
In-silico functional analysis of rs356219 and rs356220 in SNCA gene associated with Parkinson's Disease	Shradha Menon, Zahra Yusuf Laxmidhar, Mirza Bilal Yousuf Baig	Manipal University	Naushad Rais
Sucrose-based Optical Fibers and Dissolvable Microneedles for Health Applications	Pelin Demirci	New York University Abu Dhabi	Pance Naumov
Silver Nanowire Synthesis, Manipulation, and Integration into Conductive Polymeric Matrix for Printable Electronics and Smart Textiles	Leen Ali	Khalifa University	Marwa Ibrahim Mohamed Abdellah Fadi Zeyad Nawaf Dawaymeh

Basic Sciences

Time: 10:15 am – 12:45 pm | Room # L-GF-09

Project Name	Students	Institution	Mentors
Evaluating the in vitro effects of statins on breast cancer cell lines	Dana M. Louai Al Akhras, Maha Haydar Hassan	Gulf Medical University,	Dr. Mohammad Askandar Iqbal Dr. Rania Faouzi Zaarour
Photocatalytic Degradation of Organic pollutants in Water using Magnetic ferrite nanoparticles	Sara Ahmad Alherbawi	Khalifa University	Dr. Mohammad Abu Haija Bayan Alqassm
Silver Nanowires Synthesis and Modification for Smart Textile Applications	Leen Ali	Khalifa University	Marwa Ibrahim Mohamed Abdellah Fadi Zeyad Nawaf Dawaymeh
Analysis of the anti-apoptotic and anti-cancer potential of Apigenin in cervical cancer cells-an in silico and in vitro model	UZMA DAWOOD KHAN, SANJNA MISTRY	Manipal University	Dr. RITU RAINA DEEPIKA BHAGAVATULA

Basic Sciences

Time: 2:15 pm – 4:45 pm | Room # L-GF-09

Project Name	Students	Institution	Mentors
Effects of High-Fat Diet on the Morphology of Murine Skeletal Muscle Fibers: An Immunocytochemical Study	Zakaria Husam Ouda	United Arab Emirates University	Mohammed Z Allouh
Amorphous to Crystalline Phase Transition in MoTe ₂ Thin Films and Their Effects on Structural, Optical, Dielectric, and Electrical Properties	Mahboubha Habib, Zahra Al Zadjali	United Arab Emirates University	Haila Aldosari
Development of thin film nanocomposite zeolite supported membrane for Highly Efficient Wastewater Treatment	Abdulaziz Aldhawayn, Mohammed Almuraisel	King Fahd University of Petroleum and Minerals	Abbas Adamu Abdullahi
Optimization of Neutron Shielding Design using MCNP Program	Mohammed Abdulaziz Rabah Alshammari	King Saud University,	Hamed Alsewaidan
Idiopathic pulmonary fibrosis: Novel therapeutic approach by Mesenchymal stem cells and metformin in rat model	Razan Mohamed Rostom, Mariam Nasr-eldien Ramadan, Mariam Ahmed Taha, Rwan Khaled Mahmoud, Mohrail Mamdouh Medhat	Cairo University	Emad Mahmoud Ibrahim Mohamed Hosney Abdelnaby

Basic Sciences

Time: 2:15 pm – 4:45 pm | Room # L-GF-09

Project Name	Students	Institution	Mentors
Exploring Vitamin- C Clock Reaction Kinetics through Experimental and Computational Methods	Nour Tarek Saloumi, Shahad Jamaan Alobthani, Zahraa Faleh Mohsen Mohammed, Ghadeer Abdullah Alqallaf, Ghadeer Mayyas Almayyas American	University of the Middle East	Eldhose Iype
Characterization of carotenoid pigments extracted from isolated bacterial strain from pink lakes in Oman	Yusra Hassan Al Farsi	Higher College of Technology - Oman	Umaima Hamed Al Hoqani
Numerical And Experimental Investigation of Gold Nanoparticles for Plasmonic Photothermal Cancer Therapy	Zahraa Zibara, Khaled Hussari, Iman Alwan, Hassan Yassine, Jana TfailiLebanese	American University	Rana Nicolas Nissrine Alhelou
HYDROCARBON DEGRADATION BY FREE AND IMMOBILIZED BACTERIA CELLS IN MARINE ENVIRONMENT	Atheer talib abdallah al-ajmi	Higher College of Technology - Oman	Dr.Umaima Hamed Abdullah Al Hoqani

Biomedical Engineering

Time: 10:15 am – 12:45pm | Room # L-GF-05A

Project Name	Students	Institution	Mentors
Neuro-On-Wrist	Sarah Yasser Zahran, Aya Yasser Hinno, Amal Maher El-Hawwat, Amal Mohammad Almansoori	Abu Dhabi University	Dr. Mohammed Ghazal Eng. Maha Yaghi, Eng. Abdalla Gad, Eng. Marah Alhalabi
From Foot to Knee: Integrating Pressure and Kinematic Metrics via Smart Shoes for Musculoskeletal Health	Sanchita Kamath, Fatima Khan, Ayush Kumar	Manipal University	Dr .M.I Jawid Nazir
TransOphtha	Reem Juma Alshamsi, Theyab khaled Almeqbaali, Rana Bassam	Abu Dhabi University	Taimur Hassan Prof. Mohammed Ghazal
FUNCTIONALIZATION OF SILICON NANOWIRES WITH MULTILAYER PLASMONIC METAL NANOPARTICLES FOR OPTICAL SENSING	AYOUB SOLAIMAN AL AWAD	University of Sharjah	Kais Daoudi Soumya Columbus Nithin Pal
Wheelchair-Agnostic Plug-and-Play Artificial Intelligence-based Controller using Precise Eye Motion Detection and Tracking	Hager Mohamed Khalil, Haneen Jebreen Hasan, Shamma Othman Alyafei	Abu Dhabi University	Mohammed Ghazal Eng. Maha, Eng. Marah, Eng. Abdalla

Biomedical Engineering

Time: 10:15 am – 12:45pm | Room # L-GF-05A

Project Name	Students	Institution	Mentors
Smart and Low-Cost Glove for the Rehabilitation of the Hand Motility Challenged and the People of Determination	Salma Mohamed Ahmed, Fatema Almansoori, Amal Mohsen Al-Swaider	Abu Dhabi University,	Dr. Luay Fraiwan, Dr. Mohammed Ghazal Eng. Marah Alhalabi, Eng. Abdalla Gad, Eng. Maha Yaghi
Wearable Technologies & WBANs: A Synergetic Approach to Healthcare	Ghada Said Rezk, Maria Al Bacha, Deema Al Madhoum, Shaima Saeed Saleh	Abu Dhabi University	Jawad Youssaf Dr. Taimur
Autism Screening Tool Using Machine Learning	Nouran Khaled Dabdoub, Heba Adel, Leen Alakhras, Aya Salah Desoky	Ajman University of Science and Technology	Mujeeb Kanhira
Reducing body temperature device and measuring it	Nasam Ahmed Shareef, Maryam Mohammed Ali	Ajman University of Science and Technology	Mohamed Agam

Biomedical Engineering

Time: 2:15 pm – 4:45 pm | Room # L-GF-05A

Project Name	Students	Institution	Mentors
SmartSteth - An AI-Enabled Smart Stethoscope	Samah Osama Ahmed Eltayeb, Gena Dahi Abazed, Leqaa Salah Hassan	Abu Dhabi University	Taimur Hassan Jawad Yousaf
Revolutionizing Rehabilitation: The FlexiGauge Wearable Goniometer for Real-Time Joint Monitoring and Guidance	Shehzor Bin Noufal	Abu Dhabi University	Khaldon Lweesy
Cost Effective At-Home Polysomnogram for Sleep Apnea Detection	Salma Mohamed Ahmed, Dana Juma Al-Jamri, Razan B. Abdalhadi	Abu Dhabi University	Mohammed Asaad Ghazal
A Prototype for ECG Arrhythmia Detection Using Deep Learning	Ebrahim Alboghbaish, Abdulwahab AlShatti, Ahmad AlSultan, Darbi AlDarbi	American University of the Middle East	Alaa Eleyan
Virtual Reality Training for Endoscopic Procedures	Kareman Yasser Mohamed Ashour Abd Elsalam, Naira Youssef Abd Elazime Abdelrasoul, Nada Ahmed Mohamed Abdel Wahed, Mayar Fayez Sadek Ibrahim, Ghofran Mohamed Suliman Adam	Cairo University,	Ahmed Abdel-Al Awad Morsy
The modelling and optimization of implantable antennas for biomedical applications	Duaa Kamel Ragheb Zyoud	Arab American University	Sana Faiq Aref Salamh
Save my life - Early detection of acute MI device	Amal Mohammad Shawabka	Palestine Polytechnic University	Raed amro Ali Ramadan

Chemical & Petroleum Engineering

Time: 10:15 am – 12:45pm | Room # H-1F-03

Project Name	Students	Institution	Mentors
Geothermal Frontiers: Revolutionizing Oil Recovery in Oman	Enas Said Al Shereiqli, Ahood Abdullah Al Mawalli	German University of Technology in Oman	Dr Yathrib Ajaj
Preparation of Sustainable and Self-Healing polyurethane coatings with enhanced physical and chemical properties	Swastik Shailendrakumar Nagrikary	Birla Institute of Technology & Science	Dr. Nishant Pandya
THERMAL DEGRADATION OF MEDICAL PLASTIC WASTE TO PRODUCE BIOFUEL	Moataz Khaled Taha Mahmoud ElBagoury, Islam Ahmed Mahmoud Shaker Elkanary	The British University in Egypt	Mohamed Bassyouni Dina Mohamed Kotob
SUSTAINABLE BIODERGRADABLE POLYMER: POLYAMIDE MEMBRANE	Islam Ahmed Mahmoud Shaker Elkanary, Moataz Khaled Taha Mahmoud El Bagoury	The British University in Egypt	Mohamed Bassyouni Dina Mohamed Kotob
MAGNETO: Solar powered technology to generate MgO from waste brine	Fatema Zaid Alshehhi, Fatema Ali Alshehhi, Shamma Mohammed AlShamsi, Noura Fawzi Buhazza, Almaha Saeed Almesmari	Khalifa University	Faisal Al Marzooqi

Chemical & Petroleum Engineering

Time: 10:15 am – 12:45pm | Room # H-1F-03

Project Name	Students	Institution	Mentors
Rapid Photocatalytic degradation of textile dye contaminants in water with 2D graphitic carbon nitride (g- C3N4)	Mansour Mohammed Abdullah AL-ALI	University of Sharjah	Kais Daoudi Krithikadevi Ramachandran
Manufacture of Phenolic Foam Insulation Incorporating Bio-based Feedstocks	Mariam Jassim Aljasmī, Sara Ahmed Alhammadi, Hessa Rashid Alsuwaidi, Roudha Saeed Alhelli Alhajeri	American University of Sharjah	Paul Nancarrow
Wastewater treatment by electrocoagulation	Amal Nayef hussain	American University of the Middle East	Mahmoud Moharam
Analyzing Flare Gas Dispersion in Varied Weather Conditions: Integrating Carbon Pricing for Comprehensive Environmental Impact Assessment	Alreem Sulaiman Alsiyabi	German University of Technology in Oman,	Yathrib Ajaj Humaid Albadi

Civil Engineering

Time: 10:15 am – 12:45pm | Room # H-2F-06 (VC)

Project Name	Students	Institution	Mentors
Low Cement Concrete Mixes with PET plastic fibers in Reinforced Concrete Beams	Aashish Mahendrakumar Jain, Mohammad Ashraf Shahbaaz, Afeefa Muhammad Iliyas	Heriot-Watt University Dubai	Dr. Mustafa Batikha
Recycling Aggregate Concrete with Palm Ash	Fatema Rashid Said Al Shamsi, Israa Zahran Mohammed Humaid Al Harrasi, Eman Hamed Ghanim Hamad Al Khamisani	University of Buraimi	Ahmad Salah Edeen Nassef
Lumina-Trail: A study of the application of self-luminating pavements	Mohammed Husam Abu Rabie, Ahmed Salah Al-Remawi, Khalid I. F. Almajayda	Abu Dhabi University	Abdelkareem Alzo'ubi
Topology optimization of structural steel link elements	Ahmed Ashraf Mohamed Mahmoud Alzahawy	The British University in Egypt	Amr Mohamed Ibrahim Yasser Nasr saleh
A Step-by-Step Guide to Numerical Modeling and Simulation of Structural Steel Elements Fabricated Using Wire and Arc Additive Manufacturing	Nada Mamdouh Elsayed Elsayed Ahmed	The British University in Egypt	Amr Ibrahim Yasser Nasr
Use of industrial waste material in Asphalt mix	HAITHAM ABDULLAH ALI AL SHIBLI, AAISHA ALI SALIM MOHAMEED AL SHIBLI, MAHRA SAIF ALI AL MAQBALI, ASRAA KHALFAN MOHAMMED AL- SHAMSI	Sohar University	Osama Ragab Abdelaziz Ibrahim

Clinical Sciences- Session A

Time: 10:15 am – 12:45pm | Room # Auditorium

Project Name	Students	Institution	Mentors
A Feature-Based Cascaded Deep Learning Approach for Diabetic Retinopathy Classification	Hadeel Fedaa Salman, Arwa Sheibani, Ayesha Arif Amin	Abu Dhabi University	Dr. Mohammed Ghazal, Dr. Taimur Hassan, Dr. Tania Tahtouh Eng. Marah Alhalabi, Eng. Maha Yaghi, Eng. Abdalla Gad
Vitamin D and Autism Spectrum Disorder: An Intriguing Association	Raqshan Wajih Siddiqui, Tabish Wajih Siddiqui	RAK Medical & Health Sciences University	Shiza Wajih Siddiqui
Role of ADAMTS-1 and BNC1 as Diagnostic, Prognostic, and Predictive Biomarkers in Pancreatic and Colorectal Cancer	Aya Kamal Al Zabidi, Lana Alsaafin, Hirah Nadeem	Abu Dhabi University	Afsheen Raza
Predicting Risk Biomarkers For NCI-60 Cell Panel Using Machine Learning	Tushar Raja, Sarah Yusuf, Megha Aby Alex	Birla Institute of Technology & Science	Mainak Dutta
Unleashing the Power of AI and Machine Learning in the Pursuit of early diagnosis and Personalized treatment in Oncology	Maryam Khalid Akbar, Ibrahim Issa	RAK Medical & Health Sciences University	Shehla Shafi Khan

Clinical Sciences- Session A

Time: 10:15 am – 12:45pm | Room # Auditorium

Project Name	Students	Institution	Mentors
Assessment of Positioning Errors in Digital Panoramic Radiographs: A Retrospective Analysis	Yaqeen AlNaqawa	University of Science and Technology of Fujairah	Nabeel Ayappali Kalluvalappil
Utilization of Cervical Cancer Screening program and factors influencing it among women in Ajman, United Arab Emirates	Janet Chichu James, Abubakker Siddiq Mohamed Hameed, Sathyapriya Nandagopal, Afreen Abdul Rahim Sanaullah, Shahnaz Mohamed Wazil	Gulf Medical University	Noha Kamal Abdel Momen Anusha Sreejith
Molecular detection of Blastocystis in clinical and environmental samples	Maryam Husain Adamji, Meera Bader, Asma Shirin, Amal Jangjoo, Ahlam Ayoub	University of Sharjah	Dr. Ali Elbakri Dr. Mohammad G Mohammad
Prevalence and factors associated with GERD (Gastro-esophageal Reflux Disease) among adults	Saba Sajid Ali, Ola Abdul Latif	Gulf Medical University	Anusha Sreejith
Exploring Precision and Scale: Optimizing SNP Pathogenicity Prediction with Machine Learning, A Fanconi Anemia Case Study using Protein-Protein Interaction Graphs	Lazo Bakhtiar Ali	Lebanese American University	Joseph Rebehmed

Clinical Sciences- Session A

Time: 2:15 pm – 4:45 pm | Room # Auditorium

Project Name	Students	Institution	Mentors
A Smart & Secure Virtual Reality Immersive System For Patients with Alzheimer's and Dementia	Saad Amawi, Bdour Ahmed Kamm Babillie, Yazan Majdi ALasmi, Nourhan Ahmed Elmehalawy	Abu Dhabi University	Murad Al-Rajab
The Significance of NUP93 Expression As A Biomarker for Monitoring the Development And Prognosis of Colorectal Cancer	Dua'a Walid Atiyeh, Ayah bassam said	Abu Dhabi University	Afsheen Raza
Investigating the Effect of Candida auris Secretions on Human Monocyte-Derived Macrophages' Activity	Jamal Mutwakil Ahmed, Dana Ziad Alawad, Qais Mazen Malas,	University of Sharjah	Mohammed Ghaleb Mohammed Salam Dakalbab
Prevalence and Molecular Characterization of MRSA among international and local students from Abu Dhabi University	Amel Noshad, Logain Ahmed Suliman, Ola Yassir Awad, Ola Ibrahim Khairi	Abu Dhabi University	Afsheen Raza Abdulmajeed Almutary
Knowledge and Prevalence of cardiovascular risk factors among adults in the United Arab Emirates	Sania Akhtar Akhtar Gul, Amna Safdar Shah, Bushra Khalid Kajoor Alnuaimi, Sama Moatasem Noaman Al-saffar	Gulf Medical University	Prof. Shatha Al Sharbatti Dr.Sojoud Ahmed Alsheraifi

Clinical Sciences- Session A

Time: 2:15 pm – 4:45 pm | Room # Auditorium

Project Name	Students	Institution	Mentors
Knowledge, attitude and perceptions of healthcare professional students on the impact of antioxidants on glycemic control in diabetics	Nourhan Gamal Taha, Amatul Ahad Barkatullah	Al Ain University of Science and Technology	Nadia Hussain
Prevalence of BRCA1/BRCA 2 pathogenic variants in Breast and Ovarian cancer cohort in Tawam Hospital	Noura Al Asaad, Nadeen Quzah, Malak Issa, Nabia Naushad, Saja Masalmeh	Abu Dhabi University	Afsheen Raza
Metal Organic Framework Based Biocompatible Cryogel for Drug Delivery and Wound Healing Applications	Bayan Shaker Obeid	Khalifa University	Shabir Hassan Mohamed Infas Haja Mohideen
Evaluation of Temperature Effect on Ultrasound Image Quality and Distance Measurement	EHAB FUAD JARADAT, Gehad Abdelghany Hamam, Daneh Essam Masrey, Maram Noor Abdo	Liwa College	Dr.FATHI AWAD TAHA
Vagus Nerve Stimulation and Its Cardioprotective Abilities: A Systematic Review	Ahmed Banibella Abdelmagied Elamin, Kowthar Forsat	Ajman University of Science and Technology	Nandu Goswami Solomon Silas Senok

Clinical Sciences- Session B

Time: 10:15 am – 12:45pm | Room # D-1F-03

Project Name	Students	Institution	Mentors
Effect of Increased Body Mass Index (BMI) on Pulmonary Function Tests: A Pilot Study	Nirmal Dharmendra Malhotra	Smt. NHL Municipal Medical College,	Dr. Shaista Saiyad
Diagnostic accuracy in diagnosing cardiac sarcoidosis- a Meta-analysis	Naqeeya Sabuwala, Tayba mugibel	Gujarat university	Dev desai
EFFICACY AND SAFETY OF NICORANDIL IN ACUTE CORONARY SYNDROME: A META-ANALYSIS	Aalesh Ashishbhai Shah, Thurya Abduraqeb Alwahbi	Smt. NHL Municipal Medical College	Dev Desai
Effect of dietary calcium on incidence of calcium stones and urinary parameters - A Systematic Review	Yug Dharmesh Patel, Tayba Abdulrahman Mugibel	Smt. NHL Municipal Medical College	Dev Desai
Radiology	Marko Todorovski, Desai Dev Himanshubhai	Ss. Cyril and Methodius University in Skopje	Desai Dev Himanshubhai

Clinical Sciences- Session B

Time: 10:15 am – 12:45pm | Room # D-1F-03

Project Name	Students	Institution	Mentors
Role of Tolvaptan in Heart Failure: A Meta-Analysis	Aalesh Ashishbhai Shah, Tayba Abdulrahman Mugibel	Smt. NHL Municipal Medical College	Dev Desai
Diagnostic accuracy of CEUS in identifying Solid Pancreatic Lesions:- A meta analysis	Patel Shimolee Bharat, Tayba Abdulrahman Mugibel	Veer Narmad South Gujarat University,	Desai Dev Himanshubhai
The effect of myopia on contrast sensitivity among undergraduate students at university level	Hamda Ali Al Shamsi	University of Buraimi	Janitha Ayyapan
Difference in Binocular Balancing with Alternate Occlusion and Prism Dissociation among the Students of the University of Buraimi	Razan Hamed Awadh Al-Yaqoubi	University of Buraimi,	Gopi Suresh Vankudre
Comprehensive Analysis of Single-Cell and Bulk RNA-Sequencing Identifies a Prognostic and Predictive Novel Signature Based on Epithelial Cell Marker Genes in Lung Adenocarcinoma	Noor Al-Bzour	Jordan University of Science and Technology,	Wafaa Mahmoud Shunnaq

Virtual Presentations

Clinical Sciences- Session B

Time: 2:15 pm – 4:45 pm | Room # D-1F-03

Project Name	Students	Institution	Mentors
Amygdala: Emotion Translation System using EEG	Ajwan Alghannam, shahad Alqahtani, Lena Alenazi, Rana alshehri, Sama Aldawauhie	King Saud University	Mashaal Maashi
Heartfelt Transformations: An In-depth Probe into Personality Shifts After Heart Transplantation	Ibrahim T. I. Makhlof, Lamees Alsalehi, Basma Ammar Fadhil Alomar	RAK Medical & Health Sciences University	Raghavendra Bhat
Association between respiratory function, body posture, and body composition among Young adults with bronchial asthma – A cross-sectional study	Meera Abdalla Ahmed Alharmoodi, Hind Abdalla Ahmed Alharmoodi	University of Sharjah	Gopala Krishna
Characterization of Candida auris fractionated secretions effects on human derived monocytes macrophages proliferation and cell cycle	Maisam Mustafa Snoubra, Tayma Mohamed Subhi Kurabi, Amina El Jeilany	University of Sharjah	Mohammad G. Mohammad
association of antinuclear antibodies with chronic complications in type 2 diabetic patients	Shaikha hassan ahmed ali almaazmi, Zainab Tariq Zainal Almaazmi, Haya Aref Noor	University Of Sharjah	Dana Faraj Salahat

Clinical Sciences- Session B

Time: 2:15 pm – 4:45 pm | Room # D-1F-03

Project Name	Students	Institution	Mentors
Caring for caregivers: Understanding Non-communicable diseases among healthcare workers in Ajman UAE	Sandhra Treesa Santhosh, Anugraha Lisa Ciju, Syeda Kaunain Fathima, Janet Chichu James, Aaasha Rannath	Gulf Medical University	Jayakumary Muttappallymyalil Jayadevan Sreedharan
Clinico-epidemiological study on Level of Bone Mineral Density among adults in Ajman UAE	Khadija Jalal, Athira Suresh Kumar, Sathya Subramoniam Iyer, Farhana Fathin, Fatima Shameem	Gulf Medical University	Dr. Nermeen Mohammed Abdelmonen Mohammed
Psychosocial Impact of Night Shift Work among Nurses	Amina Abdullah Rashid ALmamari, Bashayar said Ali Alsaiddi, hasa ahmed juma alwahashi, wasin ali abduallah alsalmi	University of Buraimi	shobana gangadharan
Prevalence Of Different Fimbrial Genes In Uropathogenic E. Coli Strains Isolated From Local Hospitals In Ras Al Khaimah, UAE	Muhammad Afzal Cheema, Haya Nabi, Feronia Melissa De Mello, Ahmed Raad Sallal al-taaye	RAK Medical & Health Sciences University	Dr. Asfaque Hossain

Computer Engineering and Cyber Security

Time: 10:15 pm – 12:45 pm | Room # H-GF-11A

Project Name	Students	Institution	Mentors
IOT - enabled feeding station for race camels	Alia Al darwish, Nareeman Behiry, Khalifa Al Saadi, Maryam Bin Hashem	American University in Dubai	Vinod Pangracious
Autonomous Plastic Collection Boat Rasha	Mohannad Al-Salem, Noura Yasser Alalawi, Syrin Suhail Alabrach	Abu Dhabi University	Mohammed Ghazal Jawad Yousaf
Vehicle Security & Monitoring System	Ayman Mohammad Hassouneh, Ibrahim Essam Mellhem, Mohammed Abdelfattah Qasrawi	Palestine Polytechnic University	Mousa alrefaya
Self-Driving Innovation as a Service (SaaS): Empowering Self-Driving Researchers with a Sensors-rich and Precise Control of Low-Cost Hardware Car Simulator with Cloud-based Driving Data Collection, AI Development, and Safe Testing	Mohamed Adel Abelbari, Abdalla Reda Moustafa Wahideldin Abdelkhalek, Omar Mahmoud Abdellatif, Zia Farhan, Sana Hafez Md. Khaleel Ullah, Mustafa Sheibani	Abu Dhabi University	Mohammed Ghazal Maha Yaghi, Marah Alhalabi, Abdalla Gad
Vision-based Multiple Object Detection and Tracking of Personal Protective Equipment	Wateen Saleh, Basma R. Albaz, Sana Hafez Md. Khaleel Ullah	Abu Dhabi University	Dr. Ghazal Eng. Abdalla Gad, Eng. Marah Alhalabi, Eng. Maha Yaghi

Computer Engineering and Cyber Security

Time: 10:15 pm – 12:45 pm | Room # H-GF-11A

Project Name	Students	Institution	Mentors
IFOR CB24-: A Sustainable Autonomous Unmanned Surface Vehicle for Automated Water Surface Cleaning	Abhinav Pathak, Kavvya Rege, Shivani Shetty, Manogna Raju, Mohammed Haroon	Birla Institute of Technology & Science	Dr. V.Kalaichelvi
Octabin - Smart Waste Collection & Segregation for Efficient Waste Disposal	Nikhil Kumar, Mohit Goradia, Shreesh Chaturvedi	Manipal University	Dr. Sophia Rahman
Sign language gloves	Rose Rami Alasais, Hanan Ahmad Said Alhamwi, Marwa Ahmed Salim Abdalla	Ajman University of Science and Technology	Maher assaad Khaled hossam mahfouz
Deforestation and Water Bodies Detection and Tree Species Identification	Mohammad Zerehzadeh, Mohamed Elsheikh, Lucas Rafael Andrade Alvarez	American University in Dubai	Vinod Pangracious
Platform for Connecting Investors with Startups and Senior Project Students: Enhancing Collaboration through Chatbots and Recommendation System	Rasheed Imad Abu Khader, Ibraheem Mohanad Shawahnee	Arab American University	Mahmoud Obaid

Computer Engineering and Cyber Security

Time: 2:15 pm – 4:45 pm | Room # H-GF-11A

Project Name	Students	Institution	Mentors
Campus Courier: An Autonomous Delivery Robot On-Campus	Mustafa B M Alaraj, Ismail Abbas Zein, Yazen Mohammed Baker Rihan	University of Sharjah	Bassel Soudan
HarvestMate: Smart Fruit-Picking Robot Wafa Salem Badr	Al-Kathiri, Maram Mustafa A. Al-Jayyosi, Mariam Hashem Alchater	University of Sharjah	Ali Ali Ali ElMoursy
Carbon Offsetting and Trading Framework using Blockchain and Internet of Things Anurag	Kumar Jha, Ashish Kumar Jha	Abu Dhabi University	Dr. Raja Muthalagu Dr. Pranav Mothabhau Pawar
DeepCare: A Deepfake Detection System for Cancer CT-Scans	Dima Talal Alhalabi, Shahd Mustafa Alnakhilani, Hala Ra'ed Joudeh, Hala Samer Hamadeh	Abu Dhabi University	Moatsum Al Awida
PyCatenaccio - Static Application Security Testing	Abd Alrahman Kaddoura, Fardeen Ahmed, Ahmad Akeil	Abu Dhabi University	Heba Ismail

Computer Engineering and Cyber Security

Time: 2:15 pm – 4:45 pm | Room # H-GF-11A

Project Name	Students	Institution	Mentors
Red Hawk Learning "A Cybersecurity Educational Platform"	Ameen Murtaza Siddiqui, Mohamed Nofal	Abu Dhabi University	Prof Mourad ElHadeif
Implementation of a Portable Network Using LPWAN's LoRa Technology	Heleen Aras Ahmad-saib	University of Kurdistan Hewler	Dr Govand S. Kadir
Intelligent Weeding Robot using Deep Learning	Bilal Hoor	Palestine Polytechnic University	Mousa Suleiman Mousa Alrefaeh
A secured UAV-based medical supplies system	Ahmad Sajjad Siddiqui	Majan University College	Sohail Razzaq

Computer Science and Information Technology

Time: 10:15 pm – 12:45 pm | Room # L-GF-06A

Project Name	Students	Institution	Mentors
AIoT Solutions for Optimized Agriculture	Mohammed Haroon	Birla Institute of Technology & Science	Jagadish Nayak
No2Pollution: A Guide to Analyze Air Quality via Level2- Satellite Imagery	Hamzeh Abu Qamar, Adil Mahroof	United Arab Emirates University	Nasir Saeed
Data Analytics and Artificial Intelligence Applications in Enhancing Services for Individuals with Autism	Saif Abdulla Alnuaimi, Fatma Zahra Mekideche	Liwa College	Samar Mouti
AR Game for Teaching UN Sustainability Goals to Young School Kids	Suood Alshehhi, Buthaina Almulla, Saqer Alkindi	Khalifa University	Jamal Zemerly Chan Yeun
Intelligent Management Assessments System (IMAS) for Academic	Ahmed Ali Obaid Ali Alkaabi, Ahmed Juma Mohamed Alakla Alnaqbi	Liwa College	Samar Mouti

Computer Science and Information Technology

Time: 10:15 pm – 12:45 pm | Room # L-GF-06A

Project Name	Students	Institution	Mentors
Pathology Digitalization: Cloud-based Deep Classification of Histopathology Images for Cancer Detection: Evidence from Lung and Colon Cancers	Abdalla Reda Moustafa Wahideldin Abdelkhalek, Mohamed Adel Abdelbari, Omar Mahmoud Abdellatif	Abu Dhabi University	Adel Khelifi, Mohammed Ghazal Eng. Maha Yaghi, Eng. Abdalla Gad, Eng. Marah Alhalabi
Enhancing Waste Management Sustainability through Smart and Incentivized Sorting	Muluberhan Woga, Rediet Negash, Ahmedin Bekera, Nathanael Alemu	United Arab Emirates University	Nazar Zaki
Vi-Fi – AI-Based Secure Health Monitoring System Using Wi-Fi Signals	Sara Mahmoud Seyam, Kamel Ahmed Qassem, Youssef Salem Al Hamadi, Ahmed Hadi Al- Dubaisi	Abu Dhabi University	Murad Al-Rajab
Advancing Solar Panel Inspections: An Integrated Approach Using Drone Imagery And AI For Defect Detection And Localization	Raisa Anvar Raseena, Nithin Santhosh, Nirmal Sudhir, Devna Jay Maniar, Rafeaan Shaik	University of Birmingham Dubai	Dr Kashif Rajpoot
An Integrated IoT Framework for Speech-to-Sign (STS) and Sign-to- Text (STT) Translation	Elham Ali Alserri, mansoor Salem Alzaabi, Adel Khalid Alhosani	Emirates College of Technology	Samar Mouti Samer Rihawi

Computer Science and Information Technology

Time: 2:15 pm – 4:45 pm | Room # L-GF-06A

Project Name	Students	Institution	Mentors
Predicting Chargeback Fraud Using Data Mining Techniques	Shreya Doodipala, Mrudula Rahate	Birla Institute of Technology & Science	Dr. J. Angel Arul Jothi
Lightweight Approach to Crop Disease Detection and Classification using Transfer Learning and Deep Convolutional Neural Network V N	Suchir Vangaveeti, Anurag Kumar Jha, Alok John Joseph	Birla Institute of Technology & Science	Dr. V.Kalaichelvi
A MultiModal Deep Learning System using Emotional - Conversational Agents for The Improvement of Customer Services in Airports	Omar Al Nairab, Yousef Mureb, Zaid Khanfar, Mohammad Abdulsattar	American University of Sharjah	Omar Arif
Software Development Kit for Digital Twins in Autonomous Vehicles Hosted on Private Dockerized Cloud	Salma Zaghloul, Mariam ElAwadly, Mostafa Lotfy, Mohamed Farag, Ahmad Mohamed	The American University in Cairo	Tamer El-Batt Mohamed Abd ElSalam
Salama: Medical Telepresence Robot	Nada Kawde, Mira Almarzooqi, Salma Saad	University of Sharjah	Bassel Soudan

Computer Science and Information Technology

Time: 2:15 pm – 4:45 pm | Room # L-GF-06A

Project Name	Students	Institution	Mentors
Arabic Text to Emirati Sign Language AI Based Generative Translation System	Mohamed Firas Adil, Anurag Kumar Jha, Kayan Irani	Birla Institute of Technology & Science	Dr. Elakkiya R.
Braille to Speech Translation Glove for Blind and Visually Impaired People	Ahmad Hamzah, Mousa Abu Joudeh, Nadeem Shamil Basheer, Mustafa Al Ani	Ajman University of Science and Technology	Mohamad Khairi Ishak Khaled Hossam Mahfouz
VR Tourism and Gamification for Pediatric Oncology Patients	Saba Hussain, Ananya Sudheer, Zain Kamal Raisan, Ashrita Koshy	American University of Sharjah	Hicham Hallal Mohamed AlHajri
Stray Animal Rescue Web-App Solution	Saz Muhammad Yaseen	University of Kurdistan Hewler	Israa Nazhat Abdullah
Automation of Event management and Registration	Zhir Farooq Shareef	University of Kurdistan Hewler	Farhang Nemati

Education & Instructional Technologies

Time: 10:15 am – 12:45pm | Room # U-1F-09

Project Name	Students	Institution	Mentors
The perceptual gap between faculty and students on gamification in education	Sowmiya Venkatesh, Arya Shah, Mian Muhammad, Amna Muhammad Khalid	Curtin University, Dubai	Dr Nidhi Seghal Miss Sabiha Nuzhat
Learning differences between Introverts and Extroverts in Collaborative Learning	Jihan Nadia	Middlesex University - Dubai Campus	Yousra Osman
Leveraging AI to Tackle Barriers Against a Student-Centered Learning Experience during the Early and Universal Introduction of AI in HE Curricula	Alyssa Brianna Palmer, Sama M. Ghazal, Maya Samer Mosleh, Zainab Hamad Odhabi	Abu Dhabi University	Dr. Mohammed Ghazal, Dr. Jawad Yousaf, Dr. Taimur Hassan Eng. Marah Alhalabi, Eng. Maha Yaghi, Eng. Abdalla Gad, Eng. Malaz Osman, and Eng. Gasm El Bary El Hassan
Diverse Distant-Students Deep Emotion Recognition and Visualization	Rayan Abdelnasir Elyas Mohmed Salih, Asmaa Kassar, Huda Alcharbaji, Zainab Hamad Odhabi	Abu Dhabi University	Dr. M. Ghazal Eng. Abdalla Gad, Eng. Maha Yaghi, Eng. Marah Alhalabi

Education & Instructional Technologies

Time: 10:15 am – 12:45pm | Room # U-1F-09

Project Name	Students	Institution	Mentors
The perception of year 5 surgery students on E-portfolio as a tool for medical education	Ihab Fouad AL Ashkar	University of Sharjah	Esam Agamy
Smart watch to evaluate attention deficit hyperactivity disorder in Down syndrome	Nermeen Ibrahim elsayed abd elsamea elkholy, Haneen Mohammed mahmoud salama, Rahma Yahia gamal elsayed, Ahmed mahmoud ali ebd elalum, Omkalthom khaled Mohammed morshdy	Misr University for Science & Technology	Fatma Mohammed elsaeed Islam abdelrahman mohamed
Early Years SEND Policy, Provision, and Attitudes in a Private School in Dubai: A Case Study	Tala Hazem Bayado	Middlesex University - Dubai Campus	Yousra Osman
Seen : An edutainment application designed to teach Arabic-speaking children mathematics using augmented reality	Rawan moahmmmed Almusa, Rand Alobaid, Afnan Abdullah Ahmed, Manal Swaid, Maha Mohammad AlSubaie	King Saud University	Rawan AL Abdulrahman

Virtual Presentations

Electrical & Electronics Engineering – Session A

Time: 10:15 am – 12:45pm | Room # H-2F-01

Project Name	Students	Institution	Mentors
Smart Laptop Stand with Hybrid Flywheel-Battery Exercise Bike	Zayed Ali Aljaberi	Khalifa University	Dr Tarek El Fouly Dr Ameena Al Sumaiti
Branch Line Coupler-Based Sensor	Ghena Ahmed Orsan Al-Dawoud	Jordan University of Science and Technology	Nihad Dib
Patient Monitoring System Using Internet of Things Technology	Ahlam Habibollah, Nour Al Ali, Dema Alaa Al khalidi	Ajman University of Science and Technology	Rao Bin Rais Ahmed Osman
Enhanced metal-semiconductor-metal UV Photodetector Based on ZnSe Thin Films by laser Assisted Chemical bath Growth	Bayan Mohammad Alradi, Rand Anad Agha, Ahmed Emad Hegazi, Farah Adnan Thougan, Bashayer Almamaari	Ajman University of Science and Technology	Samer H. Zyoud
Solar Electric Vehicle	Awaish Alblooshi, Kulood Alakberi, Maitha Alhammedi, Sara Alkatheeri	Khalifa University	Tarek El Fouly Bashar Zahawi
Smart Aquaponics System	Siddharth Shijumon	Heriot-Watt University Dubai	Prashant K Soori
RadarXpose: Through-the-Wall Human Detection Using Ultra-Wideband Radar and Deep Learning	Satanai Yakoub, Sara Karkanawi	Abu Dhabi University	Jawad Yousaf Taimur Hassan

Electrical & Electronics Engineering – Session A

Time: 2:15 pm – 4:45 pm | Room # H-2F-01

Project Name	Students	Institution	Mentors
Intelligent Transportation Systems	Omar Wael Ahmed Abdelghaffar	Cape Breton University, Cairo Campus	Dr. Eman Siraj El-Din
Smart Water Filter	Iram Khalifa Khalaf Al-Hinai, Noor Ahmed Mohammed Al-Salimi, Fatema Saleh Saif Al Abdali, Arouba Hilal Hamed Al Farsi	Nizwa College of Technology	Dr. Wisam Fahmi Alazo
Oil spill detection artificial intelligence	Mariam Almumen, Dana Alenezi, Njoud Alazmi, Jumana Alsharar, Fahdah Alkhaldi	Australian university of Kuwait	Dr. Araash Mehdezadah
Design of CRLH Metamaterial RF Coil Element For Magnetic Resonance Imaging at 7 Tesla	Shahd Majed Hussien Zakarneh, Saja Mohamad Mahmoud AbuAlrub	Arab American University	Sanaa Salama
Power System Harmonics Modeling and Mitigation for Industrial Application	Sultan Said Mohammed Abdulbaqi, Qusai Hamood Hamdan Al-Qasmi, Said Musallam Said Al-Saidi, Marwan Mohammed Salim Alaghbari	Sultan Qaboos University	Prof. Amer Saif Al Hinai Dr. Khaled Alawasa
Effective IoT-Based Management of Solar Panels to Prevent Damage from Abrasive Dust Particles	Rawad Saleem Al Hajri	Middle East College	Shaik Mazhar Hussain

Electrical & Electronics Engineering – Session A

Time: 2:15 pm – 4:45 pm | Room # H-2F-01

Project Name	Students	Institution	Mentors
Self Automated Billing Smart Trolley	Amjad Hamed Salim Alhattali	Middle East College	Shaik Mazhar Hussain
Development of High-voltage Short-pulse Signal Generator for Ultrasonic Transducer Excitation	OMAR ABDULRAHMAN AL-KHATEEB	King Fahd University of Petroleum and Minerals	Yaqub Alhussain Mahnashi Abdullah Abdulhameed
Design of a Dual-Band 8x8 MIMO Antenna for 5G Smartphone Applications	Hala Omar Shahrour, Hala Adnan Jalouly	Arab American University	Sana Salamh

Electrical & Electronic Engineering – Session B

Time: 10:15 am – 12:45pm | Room # D-2F-16

Project Name	Students	Institution	Mentors
Regional CubeSat Communication and Constellation Design Evaluation	Hamzeh Abu Qamar, Khaled Mohammed	United Arab Emirates University	Nasir Saeed
SatNet SpaceSim: A Platform for Performance Analysis of Small Satellites Mega-Constellations	Hamzeh Abu Qamar, Khaled Mohammed	United Arab Emirates University	Nasir Saeed
Smart home thermal prediction and monitoring system	Saqer Abdulrahman Alzaabi, Ahmed Saeed Alhindassi, Khaled Ali Alhammadi	Khalifa University	Ameena Al Sumaiti
Experimentally Assisted Machine Learning Study on the Effect of Water Surface on Air-Water Visible Light Communication	Mohammad Bilal Alkouli	King Fahd University of Petroleum and Minerals	Mudassir Masood Mohammed Zahed Khan
Smart connected shoes for visually impaired people	Hind Almutairi, Rahaf Hamad Albughaili, Jenan Alrughuib, Muneerah Nawaf Alhajri, Retaj Fahad Alajmi	American University of the Middle East	Nadhira Khezami
Traffic signs recognition using deep learning for ADAS	Mona hesham gamal	The British University in Egypt	Tamer shamseldin

Environmental Engineering

Time: 10:15 am – 12:45pm | Room # H-2F-25

Project Name	Students	Institution	Mentors
AUM Research	Nourah Saud Altashah, Maha Y S Alkhraineg, Wadhha Z O Alkhateeb	American University of the Middle East	Alperen Bal
Engineering Nano-Scale Environmental Sensors with Super Sensitivity for the Detection of Multi-Hazardous Pollutants	Abdel Rahman Marwan Mousa Allan	University of Sharjah	Mounir Kaidi Kais Daoudi
AI-POWERED INDIAN MYNA TRAP	Mostafa Ashraf Radwan Mostafa, Hadeel Mahmoud AlRifai, Abdullah Mohammed Al Ghazali	Abu Dhabi University	Dr. Mohammed Jama, Dr. Mohammed Ghazal Eng. Maha Yaghi, Eng. Abdalla Gad, and Eng. Marah Alhalabi
Marine Conservation Revolution: Auras - Autonomous Underwater Drone for Sustainable Monitoring and Exploration	Aadish Jain, Abhinav Pathak, Aditya Singhal	Birla Institute of Technology & Science	Kalaichelvi Venkatesan
SmartEcoBot: Intelligent Sustainable Robot for Efficeint Marine Environment Monitoring	Mohammed Osama Zaki, Mohammed Ali Al Nahari, Youssef Asaad Abuzour	Abu Dhabi University,	Jawad Yousaf Mohammed Ghazal

Environmental Engineering

Time: 10:15 am – 12:45pm | Room # H-2F-25

Project Name	Students	Institution	Mentors
Mg-doped ZnO by Laser-Assisted Chemical Bath Synthesis, Structural, optical, and photocatalytic activity of ZnO nanostructures using blue laser irradiation	Bayan Mohammad Alradi, Rand Anad Agha, Ahmed Emad Hegazi, Farah Adnan Thougan	Ajman University of Science and Technology	Samer H. Zyoud
Autonomous and Deep Environmental Monitoring and Sustainable Harvesting of Palm Trees	Satanai Yakoub, Sara Karkanawi	Abu Dhabi University	Jawad Yousaf Mohammed Ghazal
Valorization Of Coffee Waste: Transforming Spent Coffee Grounds into Activated Carbon with A Circular Economy Approach	MANAR SAID SALEH AL ATTAR, Anafal Ali Ahmed Al Shezawi	International Maritime College Oman, National University of Science and Technology	Dr. Tahereh Jafary Dr. Muna Al Hinai
Tanaffas"- an Intelligent Sustainable Behavior Tracking and Recommendation System	Ahmad Jasim Jasmy, Mohammad Bilal Mohammad Rasool, Rawan Bilal Ghannam	Abu Dhabi University	Dr. Heba Ismail
Development of Sustainable Construction Materials out of Paper Waste towards Green Buildings	Saydah AlTabai Ahmed, Aya Samir Yassine	Abu Dhabi University,	Hatem Abushammala

Environmental Engineering

Time: 2:15 am – 04:45pm | Room # H-2F-25

Project Name	Students	Institution	Mentors
Enhancing the Efficiency of Carbon Capture with Omani Algal Strains and Deep Eutectic Solvent	Amna Rashid Mohammed Haroub Alshehhi	German University of Technology in Oman	Dr Yathrib Ajaj
Valorization of water hyacinth into engineering applications	Zeinab Ahmed Elbhnsawi	The British University in Egypt	Nessren Farrag Omar Aboelazayem

Innovation

Time: 10:15 am – 12:45pm | Room # Innovation Center

Project Name	Students	Institution	Mentors
RainBloom (innovative business pitch)	Ritam Bhandari	S P Jain School of global Management	Dr. Umesh Kothari
The Wander Initiative	Aldrei Louis Valencia Ocampo, John Joshua Vargas Abanador, Alina Vinay Kumar	University of Wollongong in Dubai	Sherwin Fernandes
Tanafos - Football Community platform	Ali Khalifa Almansoori, Mohammad Qbeah	United Arab Emirates University	Dr. Raihan Taqui Syed
Supply Chain Management using Hyperledger and AIOT	Anurag Kumar Jha, Ashish Kumar Jha	Birla Institute of Technology & Science	Dr. Sujala Deepak Shetty
Posture Pal kids Application for Screen health Guarding	Noor Maan Alhamoud, Aesha Ahmed Ayoub, Linda Yasser Hussein	Abu Dhabi University	Huma Zia
Little shoe	ASMA HAMAD MOHAMMED AL SAADI	University of Buraimi	Limna MahboobFaiqa Ali Al Sinawi
Design of an Integrated Offshore Mariculture with Renewable Energy Technologies	Jasin Ayamon, Mariam Khamis Aldarmaki, Mohsen Mohammed Al Muraqab	Abu Dhabi University	Sharul Sham Bin Dol
Advancing Time-Sensitive Task Management: A Novel Application for Enhanced Productivity and workflow Efficiency	Mhamoud Maher Chachati, Faisal Mohammad, Ahmed Mohammed Sari	Liwa College	Azza abdelmonem mohammad basiouni

Innovation

Time: 10:15 am – 12:45pm | Room # Innovation Center

Project Name	Students	Institution	Mentors
Qawqa'a: a VR Game Targeting Children with a Cochlear Implant	Nouf AlMuammar, Malath AlSaif, Reem AlDawsari	King Saud University	Dr. Meriam Kefi
Neurology	sara abualinin, Lama Mohammad Bani Salameh, Balqeas Omar Mohammad khair Al-Khateeb	Jordan university of science and technology	Hamza Yoosef Ghazi El-jaafrehwafaa mahmoud shunnaq
Nexus Nurse Application	Naseer Muhammad Anwar, Dana Jameel Alomrani	University of Buraimi	Faiqa Ali Sulaiman Al Sinawi
Voicezon	Anas Ahmed Mohamed Mohamed Elsaid ABuelhaag, Jana Ahmed Mohamed Mohamed El-Saied Abou El-Haag	The Egyptian Chinese University	Hala Saad Abuelmakarem Abdelaziz Abdelhameed

Innovation

Time: 2:15 pm – 4:45 pm | Room # Innovation Center

Project Name	Students	Institution	Mentors
Airis	Muhammed Khubaib, Nandu Sreelal, Saif Jasim	Westford University College	Anushka Lydia Issac
Comprehensive application for visually impaired individuals	Layeba Mehdi	Al Ain University of Science and Technology	Lama Mahmoud
Thyroid Cancer Diagnose Empowered With Multi-level Data Fusion and Machine Learning	Faisal Al Shoubaki	Skyline University College	Muhammad Adnan Khan Karamath Ateeq
No2Pollution: A Guide to Analyze Air Quality via Level2- Satellite Imagery	Hamzeh Abu Qamar, Adil Mahroof	United Arab Emirates University	Nasir Saeed
E-commerce - FinTech	Rawan AlFandi, Youssuf Alsalam	Liwa College	Myriam Aloulou
MECHANIZATION OF DATES AND OIL PALM FRUITS HARVESTING USING DRONE	Numan Haqqani, Jasin Ayamon, Mohsen Mohammed Ahmed Al-Muraqab	Abu Dhabi University	Sharul Sham Bin Dol
Advancing Maternal-Fetal Healthcare Through Deep Learning	Aisha Nasser Ahmed, Hessa Hassan Shamal Biri	United Arab Emirates University	

Innovation

Time: 2:15 pm – 4:45 pm | Room # Innovation Center

Project Name	Students	Institution	Mentors
Optimizing Home Water Desalination with MPC and LSTM in RO Systems	Zainab Aldukhi, Ashwaq Alahmed, Meshari Alalawi	King Fahd University of Petroleum and Minerals	Dr.Bassam Shafiq Tawabini
Opti-Health: AIoT based system for Diet Management	Ali Mohammed Ali Al Kindi, Alhanoof Yasir Bashir Bait Obaidoon, Malak Ibrahim Ahmed Al Jabri	Salalah College of Technology	Sunil Thomas Karickom Arwa Said Salim Al Shanfari
Rannan - An Augmentative and alternative communication (AAC) iOS application	Yara Hisham Alkholaif, Ghadh Abdulrahman Alsager, Haya Abdulaziz Alsuwailem, Haya Abdullah Alsubaie	King Saud University	Arwa Abdulaziz Altameem
Flora Olla	Mahmoud Mustafa Azzam	Jordan University of Science and Technology	Muhannad Qassim Quwaider

Management and Human Resources Management

Time: 10:15 am – 12:45pm | Room # H-1F-14

Project Name	Students	Institution	Mentors
Can Robots Drive Employees Away? Decoding Turnover Intentions through the Lens of Service Robot Anthropomorphism and Job Security	Laksh Khanchandani, Kani Ahmadpour	Curtin University, Dubai	Nidhi Sehgal
Emirati women's perspectives on values changing in gender roles	Naeema Mohammed Salem Al Mansouri	Liwa College	Dr Nidhi Oswal
HireHive OpenAi Recruitment Platform	Aysha Alnuaimi, Shaikha Alhamedi, Meera Alshamsi	United Arab Emirates University	Nazar Zaki
Challenges in ChatGPT: Exploring their Impact on Usage Behaviors Among Higher Education Students through the Technology Acceptance Model (TAM)	Malak Elbagalaty, Roudain mosleh, Maha Shuhail, Dana Khilo, Tuqa al salman	Ajman University of Science and Technology	Dr. Rima Shishakly
The Effect of Organizational Justice on Career Progression of UAE Nationals in Public and Private Organizations	Reem Saeed Awadh Aljaberi, Hessa Faisal Saeed Alhaj Alkaabi, Meera Hamed Husein Saleh Albreiki, Mariam Saleh Hasan Humood Alhammadi	Zayed University - Abu Dhabi branch	Taiba Hussain
Neuro-Inclusive Leadership: The Integration of Brain-Computer Interfaces (BCIs) for Enhanced Decision-Making in Multinational Organizations	Aiswarya Girish, Riona Muriel Dsouza	Manipal University	Dr. Sunitha Prabhuram

Management and Human Resources Management

Time: 10:15 am – 12:45pm | Room # H-1F-14

Project Name	Students	Institution	Mentors
CUSTOMER PERSPECTIVE AND CONSUMER BEHAVIORS REGARDING THE PAYMENT INSTALMENT SERVICES IN UAE: A CASE STUDY OF TABBY AND TAMARA	Mohannad Ibrahim, Awatef Al Ali, Afra Al Mansoori, Wansa Al Tenejji, Mariam Al Ghefari	Liwa College	Mohit VJ
The impact of the policy and procedures of the ministry of economic development in the UAE on starting small businesses in Abu Dhabi	Mohannad Ibrahim, Sara Aljneibi, Fatima Al Hallak, Afra Al Mansoori	Liwa College	Dr. Nizar Yousef Al Abed

Mechanical Engineering

Time: 10:15 am – 12:45pm | Room # U-1F-32

Project Name	Students	Institution	Mentors
Smart Pipes: An Intelligent Robotic Solution for Pipeline Condition Assessment and Inspection	Abdulrahman Zakaria Awad, Omar Lutfi Sidahmed, Abdeen Ahmed Osman	Abu Dhabi University	Mohammad Alkhedher
A Laboratory Scaled Twin Rotor MIMO System for Multi-objective Control Applications	Hussain Salem, Amer Youssef, Raphaella Aime	American University in Dubai	Ramin Masoudi
Solar Panel Cleaning Robot for Large Scale Photovoltaic Arrays	Hasnat Izhar Ul Haq, Marwan Mohammad Garestani, Ali Jaafar, Bassam Ahmed Mohammed Ahmed	Abu Dhabi University	Mohammad Alkhedher Fahid Riaz
Mechanization of Dates and Oil Palm Fruits Harvesting Using Rover	Mohamed Ahmad Ragab, Mubarak Ahmad Al Hamadi	Abu Dhabi University	Sharul Sham Bin Dol
Water quality monitoring robot	Momen Aldahshan, Faisal Abu Abed, Ahmed Hassan, Ibraheem Kanan	American University of Sharjah	Mohammad Jaradat

Mechanical Engineering

Time: 10:15 am – 12:45pm | Room # U-1F-32

Project Name	Students	Institution	Mentors
Empowering Mobility: The Smart Bed Solution	Maryam Rashed Mohamed Alhefeiti, Fatima Yousef Anbar Alsenani, Mariyam Muhammad Hussain Albloushi, Ghalya Fahad Qasim Alblooshi5030, Nayfa Saeed Saif Alshamsi	United Arab Emirates University	Emad Elnajjar
Design and Optimization of Flash Joule Heating Systems for Revolutionary Recycling Technologies	Noof Al Maashani, Zahir Al Bimani	German University of Technology in Oman	Yathrib Ajaj
Bio-Inspired Infrared Real-Time Detection Drone	Taif Ibrahim, Alanood Alhajri, Malek Bachir, Mohammad Al-Barghouthi	American University of Sharjah	Mehdi Ghommem
A Laboratory-scaled Active Suspension System for Multi-objective Control Applications	Victor Kochegura, Thea Bechara, Maryam Younis	American University in Dubai	Ramin Masoudi
Stair Mobility Assistance Device	Omar Antar	American University of Ras Al Khaimah	Omar Antar

Mechanical Engineering

Time: 2:15 pm – 4:45 pm | Room # U-1F-32

Project Name	Students	Institution	Mentors
Expert System for ISO 14649 Data Interface Model Interpretation	Yazeed Mohammed Ahmed Al-Mashani, Abdullah Zeyad Ali Al Shaikh, ahmed ali mohammed said al aamri, khalid rajeh salim al-amri, said ahmed said al maashani	University of Technology and Applied Sciences (UTAS)	Kamran Latif Kumaradhas Paulian
Wheel chair mounted robotic arm	Adel Safa, Suhayb Bin Mizan	American University of Sharjah	Dr. Mohammad Jaradat
Liquid Immersion Cooling for Electric Vehicle Batteries in the Gulf Region	Raymond Nii Ashitei Hammond, Faris Syed, Abdul Hakeem Hameed, Umer Kazi, Vardhan Reddy Gummati	Heriot-Watt University Dubai	Mohamed Al-Musleh
Design and Development of Semi-Autonomous Miniaturized Car	Markos Mumasha, Adil Acheere, Fitsum Mekonnen, Dream Tanashu	United Arab Emirates University	Prof. Khalifa Harib Vyshak Sureshkumar
Solar power Cleaning Robot for Large Scale Photo Voltaic Arrays	Hasnat Izhar Ul Haq, Bassam Ahmed Ahmed, Ali Jaafar, Marwan Mohammad Garestani	Abu Dhabi University	Mohammed Alkheder Fahid Riaz
Design and performance optimization of Photovoltaic /Thermal collector	Mohammed AL-Morouqi, Mohammed AL-Farsi, Nasser Alsulimani	Sultan Qaboos University	Afzal Hussin
Investigating the Effect of Printing Angle on the Safety of Cracked 3D-Printed Polymeric Parts	Hesa Saeed Alghaithi, Ahoud khalifa alkaabi, Mariam Musabbheh alnuaimi	United Arab Emirates University	Waleed Ahmed

Nutritional and Food Sciences

Time: 10:15 am – 12:45pm | Room # H-GF-04

Project Name	Students	Institution	Mentors
DEVELOPMENT AND CHARACTERIZATION OF HEALTHY, HIGH-PROTEIN BALLS COMBINED WITH DIFFERENT MEDICINAL HERBS	Noor Luqman Almgotar, Noor Mohammad Diabat	Al Ain University of Science and Technology	Prof.Mahmoud Abughoush
Use Of Protein Supplement In UAE University Students	Hamza Bassam Al Absi, Sayed sanal, Aya Ali Elkkoumi	Al Ain University of Science and Technology	Taima Alqudah Suhad Abumweis
Decoding the Sweetness: Distinguishing natural and adulterated sugars in honey through Nuclear Magnetic Resonance (NMR) spectroscopy	Sipan Hovsepian	New York University Abu Dhabi (NYUAD)	Brijith Thomas
Data-driven Nutrition Awareness Programs (2024-2020) to Augment Health and Wellness Among University Students	Hamna Beevi, Zainab Nisar Ahmed Shaikh	Manipal University	Dr Sowmya Kiran Rao Dr Monica Premi
Relationship Between Dietary Habits, Hand Grip Strength and Body Measurements Among Adults at Ras Al Khaimah Medical and Health Sciences	Faisal Aslam Khan, Firas Assaf, Atifa Arif Sorathia, Abdullah Mohammad Mohsin	RAK Medical & Health Sciences University	Dr Rasha Babiker Dr B K Manjunatha Goud

Nutritional and Food Sciences

Time: 10:15 am – 12:45pm | Room # H-GF-04

Project Name	Students	Institution	Mentors
Nutrition Literacy and the Consumption of Unhealthy Fats and Sugar-Sweetened Beverages among University Students in the UAE	Hillani Tadesse Bekele	Zayed University - Abu Dhabi branch	Nada Salhab
Estimation and Validation of 8 Phytohormones in Tomato Using LC-MS/MS	Haneen Abufarajallah, Gamilah Abdulgabar	United Arab Emirates University	Iltaf shah
Aquaculture	Thekra masoud said Al-hadhrami, ALHAITHEM RASHID SAUD ALSHARJI, BASIM KHUSAIF SHINAN AL-KIYUMI, Omar Salim Ahmed Al-Hashmi	University of Nizwa	Shatha salim
Health	Nouran Mohammed Eliwa, Siessan Sherief Mohammed, Reem Mohamed Ismail, Nada Abdelkawi Ahmed, Sally Ibrahim Shamma	The British University in Egypt	Mostafa Helmy

Pharmaceutical Sciences

Time: 10:15 am – 12:45pm | Room # D-1F-04

Project Name	Students	Institution	Mentors
The Effects of Novel Thymoquinone Nanovesicles as a Promising Avenue to Modulate Cognition and Restore Oxidative Stress in Autism Spectrum Disorder	Dana Ossama Chkier, Aala Osama Ahmed, Anum Ahmed Aqeel, Rameen Rizwan, Sulthan Mujeeb Rahman	Abu Dhabi University	Nermin Eissa
AiMM: Artificial Intelligence-based Medication Management	Hadeel Salman, Arwa Sheibani, Ayesha Amin	Abu Dhabi University	Dr. Ghazal, Dr. Nermin Eissa, Dr. Mohammad Alkhedher Eng. Marah Alhalabi, Eng. Maha Yaghi, Eng. Abdalla Gad
The Status Quo of Pharmacogenomics of Tyrosine Kinase Inhibitors in Precision Oncology: A Bibliometric Analysis of the Literature	Hassan Reza Shirazi, Abdulilah Ghazwan Dakak	Ajman University of Science and Technology	Abdullah Alzoubi
A Descriptive Study on the Awareness of General Dentists in the United Arab Emirates Regarding Medication Prescriptions	Yaqeen Alaa Aldin Al Nakawa, Mariam Mahmoud Salim Al-Afif	University of Science and Technology of Fujairah	Nabeel Ayappali Kalluvalappil
Design, synthesis, and biological evaluation of truncated derivatives of antimicrobial peptides	Bayan Moetaz Bazbouz	Khalifa University	Emilia Oueis

Pharmaceutical Sciences

Time: 10:15 am – 12:45pm | Room # D-1F-04

Project Name	Students	Institution	Mentors
Is the Human Microbiome the New Medicine?	Najwa Kassem Alramadan	Al Ain University of Science and Technology	Walaa Kamel Mousa
Regulation of mTOR Pathway and Cell Survival in Neuroblastoma (NIE115) Cancer Cells by SAM and Vitamin B12	Danah Albek, Zainab Abdunnasser, Nour Dabbagh	Al Ain University of Science and Technology	Rose Ghemrawi
Formulation of Chitosan-based Nanoparticles Loaded Cream for Percutaneous Delivery of Fusidic Acid	Mariam Mohammad AL Mohammad, Mais Ibrahim Oudah Zourob	Al Ain University of Science and Technology	Mohammad Fauzi Bin Bostanudin
Promising plants in thrombolytic field	Goman Al Awadi	Al Ain University of Science and Technology	Saad Touqeer
pH responsive cycloheptylamine hydrochloride loaded zeolitic imidazolate framework (ZIF8-) for the treatment of diabetes	Hamad Khalifa Mukhtar Alblooshi, Muneb Redwan Mukhtar	United Arab Emirates University	Shaikha Alneyadi

Pharmaceutical Sciences

Time: 2:15 pm – 4:45 pm | Room # D-1F-04

Project Name	Students	Institution	Mentors
Identification of new allosteric SHP2 inhibitors via filtered-based virtual screening	Lana bustanji, Reem Abdallah	Al Ain University of Science and Technology	Prof. Mohammed Ghattas Mrs. Shaima hasan
Thermo-activated in situ rectal gel preparation for Ibuprofen Using Eutectic Mixture	Fathima Firoz	Dubai Pharmacy College for Girls	Rana Sammour
Formulation And Characterization Of Fast Dissolving Mucoadhesive Sublingual Films For Captopril	Nourhan Hesham Ahmed Taha, Mathail Bati AL SAIDI	University of Nizwa	Anil Philip Shatha Salim Al Hinai
Evaluation of the photochemical and antioxidant activity of Sidaf “ Ptreopyrum”: A source of a bioactive medicinal product	Fatma Rashid Al Abri, Ghadeer Juma Al Yarubi, Noor Juma Al Dhuhli, Shaima Said Al Khatri	Higher College of Technology - Oman	Dr. Amal Salim Al Rahbi

Psychology

Time: 10:15 am – 12:45pm | Room # H-1F-11

Project Name	Students	Institution	Mentors
From TikTok Therapists to Business Bros: A qualitative exploration of pop psychology and its endorsement among psychology students	Isra Allana	Middlesex University - Dubai Campus	Dr Lynda Hyland
Manifesting and Coping with Loss of Relationships and Places: A Qualitative Exploration among UAE University Students	Jannah Fathima	Middlesex University - Dubai Campus	Dr Anita Kashi
The Power of Thought: Socio-cognitive Mindfulness and Psychological Well-being; Mediating Role of Cognitive Reappraisal	Aashia Shefi	Middlesex University - Dubai Campus	Magdalena Mosanya
Trajectories in Tragedy: A qualitative analysis of grief experiences in young Indian women	Omeesha Sanjay Krishnan	Middlesex University - Dubai Campus	Anita Shrivastava Kashi
Grief and Existential meaning	Hiba jahan	Middlesex University - Dubai Campus	Dr.Anita Kashi Ms.Bahar Hashemi
The Impact of Smoking Status on Aggressive and Impulsive Behaviour among University Students	Anagha Jagadeesh Nair	Middlesex University - Dubai Campus	Dr Lynda Hyland
Investigating the role of emotional manipulation, relationship satisfaction and mental wellbeing	Fathimath Rana	Middlesex University - Dubai Campus	Olga

Psychology

Time: 10:15 am – 12:45pm | Room # H-1F-11

Project Name	Students	Institution	Mentors
Measuring Occupational Stress Levels of Cabin Crews in Kuwait	Hessah Jassim Mohammad Alshammari, Ghaidaa S H Alkhader, Paris Mohammad Mesfer Alajmi	American University of the Middle East	Suat Kasap
To what extent do children's trauma develop from their mothers	Tia Tamer Diab	The American University in Cairo	Hossameldin Attiah

Public Health – Session A

Time: 10:15 am – 12:45pm | Room # D-1F-14

Project Name	Students	Institution	Mentors
High Incidence of Prehypertension and Hypertension Among Undergraduate University Students in the UAE: A Serious Health Concern	Yasser Amer Abd Alsamad, Bessan Jaffal, Khaleel Rajae Ibrahim Shuhait, Tahsina Tajnin Sadia, Reem Khudoum Khamis Alzaabi	University of Sharjah	Adel Moselhi Amal Hussein
Level of Adherence to Anti-Hypertensive Medications among patients with Hypertension in Ajman, UAE	Mohammed Dakilah, Noura Abdelnaby, Noora Al Ali	Gulf Medical University	Dr. Jayakumary Muttappallymyalil
Evaluation of Awareness and Performance towards COVID-related Disinfectant Use: A Comparative Study between Jordan and United Arab Emirates	Hadia Ahmad, Shykha Zabin, Lillian Husam Aldin	Canadian University Of Dubai	Wissam Ghach Nisreen Alwan
ASSOCIATION OF PHYSICAL ACTIVITY AND QUALITY OF SLEEP IN YOUNG ADULTS IN UAE	Syeda Fariha Razaq, Shamma Ibrahim Khalaf Alhamadi, Aisha Yassir Alflashki	Liwa College	Dr. Khalid A. Ansari
Prevalence of Polycystic Ovarian Syndrome among women Approaching Healthcare Facilities in the UAE	Afreen Farhana Udhuman Ali, Alina Hakim, Arshia Zubair, Izzah Tamseel Khanum	Gulf Medical University	Prof. Shatha Al-Sharbatti
InstaCare: Rapid Access to non-Urgent Medical Care using a Hybrid Heatmap of Doctor Availability and Crowd-Sourced Quality Assessment	Hager Mohamed Khalil, Haneen Jebreen Hasan, Shamma Othman Alyafei	Abu Dhabi University	Mohammed Ghazal Eng. Maha, Eng. Marah, Eng. Abdalla

Public Health – Session A

Time: 10:15 am – 12:45pm | Room # D-1F-14

Project Name	Students	Institution	Mentors
The Risk of Cardiovascular Diseases Among University of Sharjah Members	Rana Tarek Ibrahim Ibrahim Hamada, Rama Nabil Zaki Alshanawani, Fatma Fawzi Mohammed Ibrahim Lootah	University of Sharjah	Rizwan Qaisar
The Impact of The Media Infodemic On Health Behaviors And Choices Among Adults In The UAE	Rawan Adel Mahmood Alfaraji	University of Sharjah	Ibrahim Mahmoud Eltayeb Amal Hussein
Prevalence of FOMO and nomophobia among university students and its relationship to depression, anxiety, and stress.	Abdelraouf Muthana A. Abdelkarim, Menna Mohamad Marouf, Nisreen Moh'd Yunis Awad	University of Sharjah	Hamid Aldeen Alhaj
A cross-sectional study to evaluate the pattern of physical exercise practice among university students in Oman during school and college periods.	Taif Jasim Al Mamari, Asma Hamed Al Saadi	University of Buraimi	Dr.soniya Rasheed A

Public Health – Session A

Time: 2:15 pm – 4:45 pm | Room # D-1F-14

Project Name	Students	Institution	Mentors
The impact of EarPods on hearing loss among University Students in Oman.	Alhanoof Humaid Albadi	University of Buraimi	Shobana
Patterns of tobacco smoking and nicotine vaping among men and women in Oman	Marya saif said Al-essai, Alrayan Bati Jumaa Alyaqoubi, Rayyan Amir salim A lessai	University of Buraimi	Dr. shobana Gangadharan
Asymptomatic pharyngeal carriage rate of Streptococcus pyogenes, and its associated factors among school children: A Pilot Study in Middle West Bank, Palestine	Fatma Zedan Rafat Shwiki, Nour Tareq Ziad Almuhtaseb, Baraa Ali Yousef Elayan, Aseel Ali Hasan Halase	Al-Quds University	Ibrahim Amer Ghannam
Association between smart electronic device use and myopia.	Hifaa Said AlQutaiti	University of Buraimi	Dr. Gopi Suresh Vankudre
Association of Toll-Like Receptor 4 Gene Polymorphisms with Diabetes type 2 patients	Inas basem sami iqneibi, Razan ameen toameh abu rmeileh	Palestine polytechnic university	FAWZI AL-RAZEM

Public Health – Session B

Time: 10:15 am – 12:45pm | Room # A-1F-01

Project Name	Students	Institution	Mentors
Level of awareness and practice of testicular self-examination among adult males in Ajman, United Arab Emirates	Abubakker siddiq Mohamed Hameed, Mohammed Nayeem Shaji, Prasanna Appiya Premvignesh, Janet Chichu James	Gulf Medical University	Miral Nagy Fahmy Salama Jayakumary Muttappallymyalil
The risk of healthcare professionals developing cardiovascular disease	Salma Osama Eldesouki, Sara Alaaeldin Bashier, Shahad Mamoun Mohamed Ahmed, Mariam Mohamed Elemam, Ahmed Khaled Aboeldahab	University of Sharjah	Dr. Basema Saddik
Physicians' Knowledge, Attitudes, and Practices towards HPV Vaccination and Infection Relation to Cervical Cancer	Salma Osama Eldesouki	University of Sharjah	Hiba Jawdat Barqawi Saryia Farouk Adra
COVID19- Breakthrough Infection Among Vaccinated Population in the United Arab Emirates	Salma Osama Eldesouki, Rama Sadeq Qadri, Anas Obaideen, Hanae Qousae Al Chame	University of Sharjah	Hiba Jawdat Barqawi
Patient perception, usability, and satisfaction with telemedicine in the United Arab Emirates	KHOLOD HUSSAIN	University of Sharjah	Nihar Ranjan Dash Hiba Jawdat Barqawi
Emirati Adolescents' and Young Adults' Usage of Social Media for Health Information	Hanae Qousae Al Chame	University of Sharjah	Hiba Jawdat Barqawi Kamel Aladdein Kamel Samara

Public Health – Session B

Time: 10:15 am – 12:45pm | Room # A-1F-01

Project Name	Students	Institution	Mentors
Awareness, attitudes and practices of UOS students towards utilizing counseling services.	Toleen Ghassan Tuhul, Yasmeen Salaheldin Rahmi, Abdul Rahman Abdalla Sheiko, Sara Hamza Mohamed	University of Sharjah	Dr. Hiba Jawdat Barqawi Dr. Amal Hussein
Assessing Knowledge, Attitudes, and Perceptions of Heat-Health Impacts on Outdoor Workers: A Study among Healthcare Professional Students	Nourhan Gamal Taha, Amatul Ahad Barkatullah	Al Ain University of Science and Technology	Nadia Hussain
Assessing current public knowledge, attitudes, and perceptions on consanguineous marriages	Jaafar Hazim Hasan, Snas Ahmad Salama, Batool Jamal Dhafer Musleh, Hind Ebrahim Alzaabi, Shahd Nezar Alali	University of Sharjah	Iman Talaat Amal Hussein
Knowledge of the community members of UAE about the risk factors and screening methods of breast cancer	Ridha Umar, Ahmad Jihad, Hind Tariq, Mohammed Jihad, Huda Ali Hamad	University of Sharjah	Dr Oktay Irkorucu Dr Amal Hussein

Public Relations & Mass Communication

Time: 10:15 am – 12:45pm | Room # H-GF-07

Project Name	Students	Institution	Mentors
The effectiveness and usefulness of micro-influencers, and advanced strategies that agencies use to harness the influence of micro-influencers	shayma ahmad, Maryum sattar, Joudy Al Nabhan	American University of Ras Al Khaimah	Sabir Haque
Graphic Design in the Metaverse: Considerations and challenges	Yara Muhammad Samir, Leen Ahmad Kiftaro, Nawal Samer Alzaiem	Ajman University of Science and Technology	Prof. Maha Abdulmajeed Dr. Aml Badr
AI: Friend or Foe? Unraveling the Psychological, Safety & Ethical and Implications of Snapchat's AI-powered Chatbot Among Gen Z in the UAE	Zoha Farooq, Ghina Ahmed Helmi Abdelmeged, Dana Ajawi	American University of Ras Al Khaimah	Sabir Haque
Evolving Gender Stereotypes in the Digital Age: An analysis of viral content on TikTok and Instagram reels	Swastika Bhat	Manipal University	Puja Mahesh
Cancel culture Shahd	Tarek Moussa	Ajman University of Science and Technology	Maha Attia
Quick Bucks: A Content Analysis on Gimmicky TikTok Live Streams and Live Gifting	Hala Hosam Hamza, Yousef Omar Ibrahim Al Mughrabi, John Joshua Villamor Barnedo	American University of Ras Al Khaimah	Dr. Sabir Haque

Public Relations & Mass Communication

Time: 10:15 am – 12:45pm | Room # H-GF-07

Project Name	Students	Institution	Mentors
Anglophone Emirati Storytelling	Aisha Khamis AlDarmaki, Ali Abdulaziz AlBlooshi	United Arab Emirates University	Doris Hambuch
The Role of Female Entrepreneurial Influencers in Social Change	Raya Sengupta	Manipal University	Puja Mahesh
Public relation	Yaouba bello Abdoulrachid mahfouz	The British University in Egypt	Yaouba bello Abdoulrachid mahfouz

Sociology

Time: 10:15 am – 12:45pm | Room # H-1F-13

Project Name	Students	Institution	Mentors
مشروع لتطوير وتعليم المهارات الاجتماعية لأطفال الإعاقة العقلية القابلين للتعليم	amr nader atwa, Bassant khaled gmail aldin, Asmaa Mohamed Mansour, Mostafa Sameh Ahamed	Misr University for Science & Technology	Basma Bader
Smart Sensory Sign Language Gloves for Detecting ASL and Hand Gestures	Dana Saud Abdallah, Hala Tariq Hamdan, Ayat Hussain Alzاهر	Abu Dhabi University	Rabah Al Abdi
Ecoeidos : Sustainability Starts with Innovative Thinking	Najla Almatrooshi, Nicole Weber, Chiara Quistelli	Paris-Sorbonne University Abu Dhabi	Dr. Claude Vishnu Spaak
تأثيرات استخدام الهواتف الذكية من وجهة نظر الشباب الجامعي ندى سعيد	هند فهد, مريم علي الكعبي, سعاد , بطي الشامسي, موزة محمد يوسف الشامسي	Ajman University of Science and Technology	Alaa AlRawashdeh
The Syrian Forced Displacement in the Middle East: Past, Present, and Future	Siqiao Liang	New York University Abu Dhabi (NYUAD)	Laure Assaf
دور الجامعة في تعزيز ثقافة الحوار لدى الطلاب "دراسة وصفية تحليلية على عينة من طلاب كلية التربية بجامعة العين"	Muhammad Ali Al Balooshi	Al Ain University of Science and Technology	د.مستور ارحيم

Sociology

Time: 10:15 am – 12:45pm | Room # H-1F-13

Project Name	Students	Institution	Mentors
The media and crime	Noora Alsuwaidi	Paris-Sorbonne University Abu Dhabi	Claude Spaak
The Cultural and Social Stigma Associated to Mental Health Concerns in the UAE: Urging Mental Health Screenings and Education	Alya Al Suwaidi	Paris-Sorbonne University Abu Dhabi	Clio Chaveneau
ثار الإدمان الإلكتروني	مريم يونس، ميرة عبدالله النعيمي، عداري خالد الشامسي، حمده محمد الحوسني	Ajman University of Science and Technology	علاء الرواشدة
The Role of Social Educational Methods in Promoting the Emirati National Identity from the Perspective of Educational and Social Specialists	Ali Alkaabi, Ali Aljaberi	Al Ain University of Science and Technology	khawlah altkhayneh
Breaking Barriers: So coal Worker Experiences for Economic Employment for Jordanian and Syrian Refugees Youth with Physical Disability	Amal Ahmad Mosbah Amro	German Jordanian University	Sahar Al- Makhamreh

Sustainable & Renewable Energy

Time: 10:15 am – 12:45pm | Room # U-1F-35

Project Name	Students	Institution	Mentors
Solar irrigation robot	Hind Salim Alzaabi, Hanan Ibrahim	University of Science and Technology of Fujairah	Dr.youmna shaker
Sustainable irrigation approaches through the formulation of semi-water solution as an alternative to water integrated with AI	Abdulrhman Fouad Al-Hatlan	King Faisal University	Zaid Abdulhamid Zaid
IoT-Assisted Blockchain-Based System for Waste-to-energy Conversion	Lubna Vakil	Ajman University of Science and Technology	Dr. Raja Wasim Ahmad
Automatic Detection of Photovoltaic Module Defects based on Infrared and Electroluminescence Images with Deep Learning Technique	abdullah elshamy	University of Science and Technology of Fujairah	Dr. Yomna Shaker
Advancing Sustainability and Circular Economy: An Integrated Reactor Design for Simultaneous Wastewater Treatment, Desalination, and Green Hydrogen Generation Arwa	Suliman Al Maqbali, Juhina Ahmed Al Buraiki, Yara Saif Al Maqbali, Azan Yahya Al Saidi, Khalid Najeeb Al Maani	International Maritime College Oman, National University of Science and Technology	Dr. Tahereh Jafary Dr. Anteneh Mesfin Yeneneh
The Power of Azolla - Sustainable animal feed and Biofuel Feedstock	Alzahraa Ali Al Dhawi	German University of Technology in Oman	Yathrib Ajaj

Sustainable & Renewable Energy

Time: 10:15 am – 12:45pm | Room # U-1F-35

Project Name	Students	Institution	Mentors
Photovoltaic energy assessment using GSM based smart monitoring system	Maitha Abdulla, Zain Ahmed, Malak Halabi	University of Science and Technology of Fujairah	Yomna Shaker
Solar-Powered Backpacks for Sustainable Food Preparation	Mohammed Sahal Mohamed Salim Shaikh, Rifa Anwar	Curtin University, Dubai	M Chithirai Pon Selvan
Solar Chimney integrated with Water Desalination System	Juliana Gelene Soriano, Alyziah Mohammed Al-Ameri, Aaasha Adnan Rashed Alzaabi	University of Sharjah	Ahmed Hachicha
Hydrogen Production from Date Palm Leaves	Sarah Khalifa AlKaabi, Shamma Essa AlBlooshi, Daniah Imad Al Ali	University of Sharjah	Tareq Samir Zaki Salameh

Sustainable & Renewable Energy

Time: 2:15 pm – 4:45 pm | Room # U-1F-35

Project Name	Students	Institution	Mentors
Integrative E-Waste Sustainability and Management Model for the UAE: A Data-Driven Approach in Abu Dhabi	Mahmoud Othman, Jood Elhati, Shahad Aljaberi	Abu Dhabi University	Reham Jamal Alhindawi
Blade Design Optimization for Horizontal Axis Wind Turbine	Numan Haqqani, Jasin Ayamon, Mohsen Mohammed Ahmed Al-Muraqab, Mariam Khamis Aldarmaki	Abu Dhabi University	Sharul Sham Bin Dol
AI for Sustainable Economy: A Blockchain-Based Platform for Decentralized Renewable Energy Trading in the UAE	Zain Milly	University of Science and Technology of Fujairah	Yomna Shaker
Design and Optimization of Hydrogen Supply Chain Network (Case Study of Oman)	hawraa saud Balushi, Ali AlRawahi, Abdulrahman Mansoori	Sultan Qaboos University	Hakan Gultakin
Sand-Based Thermal Energy Storage for CSP Systems in the UAE	Aisha Hassan Alowais, Maytha Hasan Alharmi, Aaisha Abdulrahim Al Shezawi	University of Sharjah	Bashria A. A. Yousef
Electricity Generating Wall Panel Using Renewable Wind Energy	Mahmoud Amr Ibrahim, Abdul Aziz Ahmad Osman	American University of Sharjah	Dr. Noha Hussein

Sustainable & Renewable Energy

Time: 2:15 pm – 4:45 pm | Room # U-1F-35

Project Name	Students	Institution	Mentors
Offshore wind energy	Basel Amr Mohamed Hussein	The British University in Egypt	Sarah Khalil Mohamed Jamal
bioethanol production from expired milk whey and juice	Abeer Amur Ali Al-abri, Wejdan Yousuf Ali Al-blushi, Usama Othman Al-suleimani, Elias Yasser Al-ankoodi	Higher College of Technology - Oman	Dr.Amal Salim Al Rahbi
Green Manufacturing of EVs by GReen Manufacturing of its batteries	Haidy Alaaeldin Ali Osman	The British University in Egypt	Sarah khalil



Inspiring the **next generation** of **creators**,
innovators, **entrepreneurs** and **researchers** for the
knowledge-economy and a **sustainable future**

The 11th Undergraduate Research and Innovation Competition (URIC)