Project ID	Project Title	University Name	Advisor Name
GP2023.R18.1	Blockchain-Based Online E-voting System	El Shorouk Academy	Bassam Wasfi Aboshosha
GP2023.R18.2	Translation of Brain Signals into Audible & Written Words	Helwan University	Mohamed El Saeed Mohamed Morsy
GP2023.R18.5	Self-Driving Electric Vehicle	Assiut University	Gamal Abd elNasser
GP2023.R18.7	Caregivers	Mansoura University	Walid Mohamed Mahmoud Eladrosy
GP2023.R18.9	Voice-controlled wheelchair	El Shorouk Academy	Bassam Wasfi Aboshosha
GP2023.R18.11	Sandy Beach cleaning Robot	AAST-Arab Academy for Science, Technology and Maritime Transport	Yasser El Shaer
GP2023.R18.16	ROV for Inspection, Detection, and Monitoring Applications	6th October University	Ahmed Emam Abd-Elhaleem Newir
GP2023.R18.17	V-EYE	City of Culture and Science,High Institute of Engineering, 6th of October	Marwa Osama Al enany
GP2023.R18.18	The Smart Wheelchair	Menoufia University	Elhossiny Ibrahem Elhossiny
GP2023.R18.21	Smart Agriculture System	Zagazig University	Mohamed Abd El-Baset Metwalli
GP2023.R18.25	Driver Monitoring system & Threats detection	Helwan University	Mohammad AlDakroury
GP2023.R18.26	FPGA SUBSET IMPLEMENTATION OF 5G RAN DISTRIBUTED UNIT‘S PHY	Al-Azhar University	Ahmed Yahya
GP2023.R18.27	Advanced Driving System Using V2X Communication	Helwan University	Hesham Mahmoud Zarif Badr
GP2023.R18.29	(IMOVE) Smart wheelchair with eye movement control, voice control and remote control for disabled and old people	Benha University	Eman Salim Abd El-Aziz

GP2023.R18.33	Autonomous wheelchair	Cairo University	Muhammad Ahmed Mounir Islam
GP2023.R18.34	SM Wheelchair	Luxor University	Hussein Mohamed Kamal El Shafie
GP2023.R18.35	Smart Glasses	High institute of Engineering and Technology, El Behira, Egypt (BHI)	Khalid Samir Saada
GP2023.R18.37	Osiris Smart irrigation system	Assiut University	Islam Taj-Eddin
GP2023.R18.38	ML-Based Real-Time Object Detection for Autonomous Driving	Future University in Egypt	Ahmed Saeed
GP2023.R18.39	Smart four-probe station for various electronic measurements: utilizing embedded electronics and AI-models	The British university in Egypt	Sameh Osama
GP2023.R18.40	IOT Based intelligent real time system for bus tracking and monitoring	Obour Institutes	Ibraheem Abdel-Lateef Ahmed
GP2023.R18.43	Autonomous Car with Speech Recognition and Computer Vision	Kafr El Sheikh University	Mohamed Abdo Mohamed Ali Kassm
GP2023.R18.44	An interpretable Deep Learning Framework for renewable energy generation and consumption forecasting using IoT	Zagazig University	Mohamed Abd El-Baset Metwalli
GP2023.R18.45	Visible light communication system (VLC)	Higher Institute of Engineering and Technology in Kafr El-Sheikh	Haitham freag
GP2023.R18.47	Vital Signs Band	Misr University for Science and Technology (MUST)	Mamdouh El-Sayed Gouda
GP2023.R18.49	Driver Monitoring System (DMS)	Aswan University	Ahmed Mostafa Abd El Rahman
GP2023.R18.51	Atmospheric Water Generator Using Renewable Energy	Damietta University	Mohamed Gassoub Saafan
GP2023.R18.52	Remotely Operated Underwater Vehicle (ROV)	Higher Institute Engineering and Technology, Luxor	Noha Mohamed Anwar Qenawy
GP2023.R18.54	Accelerated Lane Departure Warning and Human Collision Avoidance System for Automobiles	Egypt-Japan University of Science and Technology (E-JUST)	Mohammed Sharaf Sayed
GP2023.R18.55	Enhancement of Green Hydrogen production from Desalination plant by Using interactive Scada system	Al-Azhar University	Hassan Saad Mohamed Mostafa

GP2023.R18.56	A wearable behavioral aid for autistic children	Helwan University	Ibrahim Sadek
GP2023.R18.57	Implementation of ADAS in electric car	Egyptian Russian University (ERU)	Abdallah Mohamed Elramsisi
GP2023.R18.58	Brain-Controlled Intelligent Prosthetic Arm	AAST-Arab Academy for Science, Technology and Maritime Transport	Nour EL-deen EL-madany
GP2023.R18.59	Q.V.D (Quarantine Virtual Doctor)	Helwan University	Hadeer Ahmed Hassan Hosny
GP2023.R18.60	Smart Deaf and Dumb Communication System	Benha University	Mohamed El-Taher Mohamed Salem
GP2023.R18.61	Prosthetic Hand based on Muscles Biosignals using Artificial Intelligence	Mansoura University	Zahraa Tarek Abdelhaamed Elmana
GP2023.R18.62	Sensory Plantar Foot Pressure Insoles for Peripheral Neuropathy & AI-Powered Android Application for Gait Analysis.	Cairo University	Ibrahim Youssef
GP2023.R18.63	Design of Smart Electric Mobility Systems	Mansoura University	Sahar S. Kaddah
GP2023.R18.64	Advanced Driver Assistance Systems (ADAS)	Zagazig University	Elshaimaa Nabil Nada
GP2023.R18.65	Fire Fighting Robot	Helwan university	Amr wageeh
GP2023.R18.69	Intelligent Transportation Systems	Menoufia University	Lamiaa El-Shenawy
GP2023.R18.72	Advanced driver-assistance system (ADAS)	Sohag University	Mostafa Salah
GP2023.R18.73	Helping Hand	AAST-Arab Academy for Science, Technology and Maritime Transport	Mohamed Waleed Fakhr
GP2023.R18.74	Automatically Controlled Biodiesel Production Unit	Alexandria University	Mahmoud Omar Amer
GP2023.R18.75	Smart Autonomous car	El Shorouk Academy	Mohamed Abdelhamed Abdelhamed
GP2023.R18.77	Fayoum Tour Guide Management System	Fayoum University	Mohammed Hassan Farrag
GP2023.R18.78	MBD For Motor Control and BMS With Communication System	Cairo University	Ahmed Bahgat

GP2023.R18.80	Design and Implementation of a Smart Fire Fighting and Rescue System	El Shorouk Academy	Mohamed Abdelhamed Abdelhamed Abdelrahman
GP2023.R18.83	Air Aware	Helwan University	Mahmoud Zaki
GP2023.R18.84	Smart Cap for Visually Impaired People	Assiut University	Ali Hussien Ahmed
GP2023.R18.85	RoboBrain	Zagazig University	Ahmed Amer Abdeldayem Shahin
GP2023.R18.87	6 Axis Robot Arm For Industrials (Laser Cutting - Welding - Gripper)	Higher Technological Institute 10th of Ramadan City	Eman Ibrahim Mohamed Ali Nassar
GP2023.R18.88	Early_Alzheimer_Detection	Cairo University	Ibrahim Sadek
GP2023.R18.89	Li-Fi based underwater communications	El Shorouk Academy	Waleed Abd-Elshafi Ali
GP2023.R18.90	Smart Traffic Recognition Car with Collision Avoidance System Connected to Mobile Application	Zagazig University	Mohamed Hassan Abdel Aziz Gobran
GP2023.R18.93	Integrated Sensor-Embedded Systems for Smart Vehicle Applications	Egyptian Russian University (ERU)	Abdallah Mohamed Elramsisi
GP2023.R18.95	Smart Home Security	Future Institute of Engineering in Fayoum	Mai Ezz
GP2023.R18.97	Modeling and Motion Control of Industrial Manipulator	Assiut University	Abdelhady Mostafa Abdelhady Esmaeel
GP2023.R18.98	Sustainable Solar Power-Driven Underground Cooling System	Assiut University	Mahmoud Nady Abdelmoez
GP2023.R18.99	Medical Diagnosis System	Higher Institute of Engineering and Technology in Kafr El-Sheikh	Hany Ali ElGhaish
GP2023.R18.100	Autonomous Electric car	6th October University	Ahmed Emam Abd-Elhaleem Newir
GP2023.R18.101	Design and develop a smart virtual reality, VR Walkthrough system for interior architecture	Misr University for Science and Technology (MUST)	Ashraf Mahroos Said
GP2023.R18.103	Design of a Hydroelectric System for Extraction, Purification, and Detection of Charged Macromolecules	Assiut University	Mahmoud Nady Abdelmoez

GP2023.R18.104	Modelling, control, and manufacturing of 7 degree of freedom articulated robot with linear guided rail.	Egypt-Japan University of Science and Technology (E-JUST)	Mahmoud Mohamed Elsamanty
GP2023.R18.105	Healthcare 4.0: Optimizing Hospital Performance using an IoT Monitoring System	AAST-Arab Academy for Science, Technology and Maritime Transport	Khaled Saeed El-Kilany
GP2023.R18.108	Modeling and Control of a 6-DOF Robotic Manipulator for Table Tennis	AAST-Arab Academy for Science, Technology and Maritime Transport	Omar Shalash
GP2023.R18.109	Egyption Monuments with Unique QR Code	Helwan University	Rasha Fathy Aly Mostafa
GP2023.R18.111	Robotic neck brace	El Shorouk Academy	Ahmed Sayed Elhossiny
GP2023.R18.113	Authorship Verification of Digital Texts	Alexandria University	Nagwa El-Makky
GP2023.R18.114	Digital Transformation for Hatcheries in Aquaculture	Cairo University	Neamat Abdelhady Abdelwahab Eltazi
GP2023.R18.116	Swarm of Autonomous Drones for Environment Mapping (SADEM)	Ain Shams University	Mohamed Ahmed Ibrahim Abdelaziz
GP2023.R18.117	3D Scanning using Photogrammetry.	Cairo University	Amr Wassal
GP2023.R18.118	Self-parking car	Ain Shams University	Hany Elsayed abdelhaim saad
GP2023.R18.119	Designing a vertical wind turbine and enhancing its performance by using a passive control technique.	Benha University	Abdelgalil Abdelgalil Muhammad Youssef
GP2023.R18.121	Interpretable Computer-aided diagnosis (CADx) system for breast cancer using deep neural networks	Zewail City of Science and Technology	Eman Mostafa Badr
GP2023.R18.124	InMoov humanoid robot	Ain Shams University	Mohamed Ibrahim Mohamed Hassan Awad
GP2023.R18.125	Optimized smart grid within a smart city with Load predictability based on neural network model.	Egypt-Japan University of Science and Technology (E-JUST)	Sobhy Abdelkader
GP2023.R18.126	Diagnostic and Predictive Maintenance System and PV Powering for an Urban Electric Vehicle	Cairo University	Mohamed Sayed Ahmed Shalby

GP2023.R18.127	Autonomous Fruit Harvesting Robot Using Deep Learning	AAST-Arab Academy for Science, Technology and Maritime Transport	Nashwa Elbendary
GP2023.R18.128	Delta Robot with Image Processing	Badr University in Cairo	Motasem Shaheen
GP2023.R18.130	Drowning people detection and life support	Benha University	May Salama
GP2023.R18.131	Crafts Freelancing Platform (San3ty)	Damietta University	Ahmed Ebada
GP2023.R18.132	Guided agriculture robot with IOT	Helwan university	hossam eldien mohamed ramadan
GP2023.R18.133	Autonomous Rover For Mars Exploration	Mansoura University	Abdelfattah Ali Eladl
GP2023.R18.135	Deep learning in Business Administration	AAST-Arab Academy for Science, Technology and Maritime Transport	Yasser ahmed Dahab
GP2023.R18.136	Credo	AAST-Arab Academy for Science, Technology and Maritime Transport	Ayman Adel Abd El Hamid
GP2023.R18.137	Garbage Robot	Kafr El Sheikh University	Tamer Medhat Mohamed Ibrahim
GP2023.R18.138	IOT based stair climbing chair	Helwan University	Rowida Mohamed Meligy
GP2023.R18.139	Early detection of pressure ulcer	Helwan University	Sameh Nashaat Sherif
GP2023.R18.141	Smart Glasses for Blind People	Kafr El Sheikh University	Nora Mahmoud metwaly El rashidy
GP2023.R18.142	Sociogram: An application to facilitate the process of reaching people through a social network graph	Nile University	Islam Tharwat
GP2023.R18.143	Portable healthcare monitoring system	Canadian International College (CIC)	Mohamed Adel Mandour
GP2023.R18.144	Beamforming Transmitter based on Sigma-Delta	Cairo University	Hassan Mostafa

GP2023.R18.145	Speak The Art	Alexandria University	Marwan Abdelhamid Torki
GP2023.R18.146	Lidar in autonomous cars	Helwan University	Salwa El-Sabban
GP2023.R18.147	Secura365 (Smart Security Surveillance System)	AAST-Arab Academy for Science, Technology and Maritime Transport	Dailia Sobhy
GP2023.R18.148	Elderly Companion	The British University in Egypt	Eman Farouk Sedhom
GP2023.R18.149	Smart Farm	Menoufia University	Gamal Attiya
GP2023.R18.152	Design and implementation of smart agriculture greenhouse by using IoT and AI Technologies	AL-Madina Higher Institute for Engineering and Technology	Mohamed Mohamed Elnabawy Abdelaziz
GP2023.R18.153	AuthMe - An Authentication Management System	AAST-Arab Academy for Science, Technology and Maritime Transport	Ayman Adel Abd El Hamid
GP2023.R18.154	SCADA and IoT Automation of Industrial Process Control System	Ain Shams University	Mohamed Ibrahim Mohamed Hassan Awad
GP2023.R18.155	Fundamental Study and design of a collaborative robot manipulator for pick and place operations	Kafr El Sheikh University	Mohamed El-Sayed El-Taib
GP2023.R18.156	Smart Stick	Helwan University	Amr El-Sayed
GP2023.R18.157	Design and Manufacture of a remotely operated Mars Rover with autonomous capabilities for the European Rover Challenge 2023	Ain Shams University	Mohamed Ahmed Ibrahim Abdelaziz
GP2023.R18.158	Performance improvement of grid-connected PV systems	Ain Shams University	Hany Mohamed Hasanien Mohamed
GP2023.R18.159	AgriWise	Mansoura University	Mahmoud Saafan
GP2023.R18.160	SupBot	Cairo University	Dina Ahmed Mohamed Mohamed Elreedy
GP2023.R18.161	Using EEG headset based on AI and IOT to help the handicapped	Misr Higher Institute of Engineering and Technology - Mansoura	Yasser Hamed Ahmed Elawady
GP2023.R18.162	An Integrated System for Collision Avoidance in Automotive	Al-Azhar University	Ali Rashed

GP2023.R18.164	Text-to-speech via zero-shot voice cloning in Egyptian accent	Cairo University	Manal Abdel Wahed
GP2023.R18.167	Eggs collector and chicken care robot	Zagazig University	Mahmoud Mahdy
GP2023.R18.169	Autonomous vehicle with v2v communication	Benha University	Mustafa Abdul Salam
GP2023.R18.171	Advanced driver assistance system (Drowsiness detection)	AAST-Arab Academy for Science, Technology and Maritime Transport	Waleed Ghoniem
GP2023.R18.172	Al Asema smart city	Tanta University	Aida Abo Elsoud Nasr
GP2023.R18.175	Smart Battery Management System for Electric Vehicles Based on Artificial Intelligence	AAST-Arab Academy for Science, Technology and Maritime Transport	Mostafa Saad Abdallah Hamad
GP2023.R18.178	Car Black Box and Self Parking Car	Higher Technological Institute 10th of Ramadan City	Eman Ibrahim Mohamed Ali Nassar
GP2023.R18.179	Fatigue Detection And Automatic Emergency Response Based On ADAS (Advanced Driver Assistance Systems).	Misr International University (MIU)	Mohamed El Zorkany
GP2023.R18.183	Fall Detection through gait analysis using Machine learning	Nile University	Sahar Fawzi
GP2023.R18.184	Substation Automation System (SAS)	Cairo University	Khaled EL-Metwally
GP2023.R18.185	Maps Exploration and Navigation of 4 Mecanum- wheeled Manipulator with 6 DOF for Warehouses Applications	Egypt-Japan University of Science and Technology (E-JUST)	Mahmoud Mohamed Elsamanty
GP2023.R18.186	Smart Autonomous Electric Vehicle	Menoufia University	Mahmoud Elgamasy
GP2023.R18.187	Optical Transceiver based on silicon photonics	Ain Shams University	Diaa A. Mohamed Khalil
GP2023.R18.188	Smart wheelchair Controlled by brain signals and self-drive	King Mariout Academy	Eman Shawky
GP2023.R18.190	Vehicle Emergencies	Helwan University	Mohammad AlDakroury
GP2023.R18.192	Carótida	Cairo University	Tamer Basha
GP2023.R18.195	It’s in Your Eyes -Awareness and control HCI Using EOG Signal	Ain Shams University	Manal Mohsen Mohamed Tantawy
GP2023.R18.196	Smart Retail System	AAST-Arab Academy for Science, Technology and Maritime Transport	Motaz Amer
GP2023.R18.197	3D Object Detection and Semantic Segmentation for Self Driving Cars	Alexandria University	Marwan Abdelhamid Torki
GP2023.R18.198	SMART BAG	Luxor University	Hosny Ahmed Abbas
GP2023.R18.199	Seismic risk mitigation of buildings using low-cost semi-active damping system	AAST-Arab Academy for Science, Technology and Maritime Transport	Mohamed Ismail Mohamed Shehatah

GP2023.R18.200	Epileptic seizures discovery	Menoufia University	Sherif Eletriby
GP2023.R18.202	Driver Drowsiness Detection System	Egypt-Japan University of Science and Technology (E-JUST)	Mohammed Sharaf Sayed
GP2023.R18.203	Smart Monitoring and Control based on IoT	Benha University	Ahmed shalby
GP2023.R18.204	Long Flying Time with an Efficient Battery Management System Multipurpose Drone	Egypt-Japan University of Science and Technology (E-JUST)	Omar M. Abdel-Rahim
GP2023.R18.205	Haptics Based Driving Assistance System (H-DAS)	Egypt-Japan University of Science and Technology (E-JUST)	Haitham El-Hussieny
GP2023.R18.207	Semi-Autonomous Robot based on Artificial Intelligence for firefighting, and rescue operation	Mansoura University	Ibrahim Nabil Eldesouky
GP2023.R18.208	StoreBot - Mobile Picking Robot for Warehouses	Nile University	Mohamed A. Wahby Shalaby
GP2023.R18.209	Enhancement of Accident Estimation for Intelligent Transportation (ITS) System.	El Shorouk Academy	Emad Abd-Elaty Mohamed Korim
GP2023.R18.210	Non-contact Vital Sign Monitoring using mmWave Radar and Embedded Deep Learning for Real-time Patient Health Assessment	Cairo University	Muhammed Rushdi
GP2023.R18.211	Mobile Manipulation (An Autonomous Delivery Robot)	Egypt-Japan University of Science and Technology (E-JUST)	Sabah Mohamed Ahmed
GP2023.R18.212	Customer Satisfaction Evaluation using Deep Learning models	Zewail City of Science and Technology	Mohamed Samir Eid
GP2023.R18.213	Smart eye identifier	Sohag University	Mahmoud Haroun Mohamed
GP2023.R18.214	Medical Assistant Autonomous Robot	City of Culture and Science,High Institute of Engineering, 6th of October	Khaled Seif Sakkoury
GP2023.R18.215	Warehouse Robot System Control Based on Artificial Intelligence Technology	The British University in Egypt	Tamer Shams El Din
GP2023.R18.216	Automated Lecture Hall	Zagazig University	Osama Elkomy
GP2023.R18.217	Warehouse Autonomous Mobile Robot (AMR)	Helwan University	AbdElHalim Basyouny
GP2023.R18.219	AI-Powered News Classifier, Urgency Detector and Aggregator	Zewail City of Science and Technology	Mohamed Samir Eid
GP2023.R18.220	A Low-Cost Penetration Testing Platform Using Raspberry Pi Zero	Modern University For Technology & Information	Ramy Said Agieb
GP2023.R18.221	5G mobile base station based on a drone using SDN & NFV based	Zagazig University	Abdelhamied Ashraf Ateya

GP2023.R18.222	An IoT- based wearable Hybrid Closed Loop system integrating a CGM device and insulin pump for diabetics.	Egypt-Japan University of Science and Technology (E-JUST)	Adel Bedair Abdelrahman
GP2023.R18.223	Smart Pick and Place Robot	Cairo University	Khaled El-Metwally
GP2023.R18.225	Noninvasive Blood Glucose Monitoring via Compact Microwave Structures for Biomedical Applications using Machine learning	Egypt-Japan University of Science and Technology (E-JUST)	Adel Bedair Abdelrahman
GP2023.R18.226	Accessible Interactive educational books	Cairo University	Muhammed Rushdi
GP2023.R18.227	The way to a smart campus	Misr International University (MIU)	Ibrahim Lofty Abdallah
GP2023.R18.228	Mind-controlled Prosthetic Arm	Alexandria University	Mohamed Salama Soliman
GP2023.R18.230	NeuroPhone: Real-Time Brain-Mobile phone interface	Ain Shams University	Manal Mohsen Mohamed Tantawy
GP2023.R18.231	Navigating Life with EyeNav: A Modular, Eye-Gazing Control System for Individuals with Severe Disabilities	Zewail City of Science and Technology	Ahmed Sayed Mohamed
GP2023.R18.232	Solar tracking & energy prediction system (STEPS)	Mansoura University	Reem El-Deeb
GP2023.R18.233	Prosthetic Hand	Ain Shams University	Ahmed M. Moneeb Elsabbagh
GP2023.R18.235	3D Koptic & Islamic environment for Metaverse	German University in Cairo	Mohammed Abdel-Megeed Salem
GP2023.R18.236	Interactive virtual reality cognitive rehabilitation for Down syndrome children	Cairo University	Sherif Hamdy ElGohary