

List of accepted Graduation Projects

#	Project ID	Project Title	University Name
1	GP2025.R20.5	Detecting bone fracture based on microwave sensor	Badr University in Cairo (BUC)
2	GP2025.R20.6	Teleoperation of Pepper Robot with VR/AR Integration and AI-Driven Insights	AAST-Arab Academy for Science, Technology and Maritime Transport
3	GP2025.R20.10	Agribot: Agricultural UGV for Disease Detection and Chemical Spraying	AAST-Arab Academy for Science, Technology and Maritime Transport – Al Alamein
4	GP2025.R20.11	Making Vehicle Transparent Through V2V Video Streaming	Helwan University
5	GP2025.R20.14	Smart Security Surveillance Robot(Panther)	South Valley University
6	GP2025.R20.16	Foot step electric	Higher Institute for Engineering and Technology - Kafr ELsheikh
7	GP2025.R20.18	Smart Vehicle for Crops Health Detection and Classification Using AI-powered and IoT (Farmer Eye Robotic car)	King Salman International University
8	GP2025.R20.20	Intelligent Street Lighting using V2I	Benha University
9	GP2025.R20.23	Vehicle Stability Assistance System	Helwan University
10	GP2025.R20.29	Smart Wheelchair Conversion System	Helwan University
11	GP2025.R20.31	Travia	AAST-Arab Academy for Science, Technology and Maritime Transport
12	GP2025.R20.34	Software Update vehicle and live Car Diagnostics using FOTA with Advanced Driver Assistance System (ADAS) features	Beni Suef University
13	GP2025.R20.36	Harvest Hub	Helwan University
14	GP2025.R20.39	Development of an advanced road safety system based on V2V and V2C technologies	Benha University
15	GP2025.R20.40	AI-Powered Autism Diagnosis Systems for Early Detection and Intervention	Zagazig University
16	GP2025.R20.45	AI Enabled Hybrid PLC / RF Communication Module	Helwan University
17	GP2025.R20.47	ESC.AI: Integrated Health and Security Monitoring for Safer School Journeys	Egypt Japan University of Science and Technology (EJUST)
18	GP2025.R20.49	Development of a Dual-Mode PV-Integrated Off-Board Charging System	Port-Said University
19	GP2025.R20.50	Wireless Charging System for Electric Vehicles	Damietta University
20	GP2025.R20.51	Smart EV Wireless charging using solar system station	Port-Said University
21	GP2025.R20.52	Smart Home System including Mobile Wireless Application for Electric Energy Monitoring and Management with PV Renewable System	Cairo University
22	GP2025.R20.53	SALMA: System for Automated Learning and Multi-Agent Assessments	Mansoura University
23	GP2025.R20.54	3D-Printed High-Performance Polymer Composite for Satellite Battery Applications	Ain Shams University
24	GP2025.R20.56	Autonomous vehicle based on V2X with remote updates	Minia University

25	GP2025.R20.61	Smart Glasses for Visually Disabled People	El Shorouk Academy
26	GP2025.R20.62	Autonomous shuttle bus	AAST-Arab Academy for Science, Technology and Maritime Transport
27	GP2025.R20.63	Solar-Powered Central Pivot Irrigation System Using IoT	AAST-Arab Academy for Science, Technology and Maritime Transport
28	GP2025.R20.64	Design of a wearable prosthetic hand using sensing technology using the Internet of Things.	New Assuit Technological University
29	GP2025.R20.65	AI-Enhanced System for Design excellence through intelligent color selection and recoloring	Zagazig University
30	GP2025.R20.66	LogiDrive AI Vision Pro	Al-Azhar University
31	GP2025.R20.69	PV-Hydro: Utilizing Solar Energy to Desalinate Saline Water and Green Hydrogen Generation	Aswan University
32	GP2025.R20.70	Hybrid AI and Computer Vision Approach for Autonomous Vehicle Safety	6 October University
33	GP2025.R20.72	Object tracking	Assuit University
34	GP2025.R20.73	EcoFarm: Revolutionizing Agriculture through Smart Technology and Predictive Analytics	Alexandria University
35	GP2025.R20.74	Smart Home Energy Meter	Port-Said University
36	GP2025.R20.77	Real-time space debris tracking and collision prediction system	Beni Suf University
37	GP2025.R20.78	Sign Language Translator	Aswan University
38	GP2025.R20.79	Smart Home Using Internet of Things & Artificial Intelligence	South Valley University
39	GP2025.R20.80	Mitigating Turbulence Effects in NOMA-Based Underwater Visible Light Communication	Al-Azhar University
40	GP2025.R20.83	Accelerated YOLO-based Computer Vision System enhanced with AXI4	Cairo University
41	GP2025.R20.85	Development of Turbula Three- Dimensional Shaker Mixer Machine	Ain Shams University
42	GP2025.R20.86	Smart Monitoring System for Vehicles	Institute of Aviation Engineering and Technology
43	GP2025.R20.87	Manufacturing Of Electrical Car Rims	Helwan University
44	GP2025.R20.89	Snack n' Track	Port-Said University
45	GP2025.R20.90	FPGA-based Hardware Accelerator for Deep Learning	Zagazig University
46	GP2025.R20.91	Plant Disease Detection using Deep Learning based on XAI	AAST-Arab Academy for Science, Technology and Maritime Transport
47	GP2025.R20.92	ARAIMed: AI-Powered Augmented Reality Glasses for First Aid Guidance and Emergency Assistance - نظارات الواقع المعزز - المدعومة بالذكاء الاصطناعي لتوجيه الإسعافات الأولية والمساعدة في حالات الطوارئ	Egypt Japan University of Science and Technology (EJUST)
48	GP2025.R20.94	Development and Implementation of an autnomouse car	Menoufia University
49	GP2025.R20.96	Laboratory Application of Computer Control and Information Systems for Pharmaceutical Filling Line Automation using SCADA and PLC	Cairo University
50	GP2025.R20.97	ATM Radar	Port-Said University

51	GP2025.R20.99	Integrating IoT and Bioimaging Data into EHRs for Precision Diagnostics and Healthcare Interoperability.	Suez Canal University
52	GP2025.R20.103	Autonomous Disinfection Robot Using UVC Light & Steam	Hours University (HUE)
53	GP2025.R20.104	Smart Shopping Cart (SSC)	Helwan University
54	GP2025.R20.105	Advanced Automotive Safety Mechanisms Connected with Mobile Application	Benha University
55	GP2025.R20.106	Pedal Assist Electric bike	Cairo University
56	GP2025.R20.110	Design and Implementation of an IoT-Based Solar Panel Monitoring and Tracking System	Tanta University
57	GP2025.R20.111	AI-powered audiovisual smart glasses for visually impaired	Tanta University
58	GP2025.R20.112	Advanced Electric Drive System Design	Cairo University
59	GP2025.R20.114	Intelligent Autonomous Disinfection Sterilizing Robot	AAST-Arab Academy for Science, Technology and Maritime Transport
60	GP2025.R20.115	Autonomous RC Car	Cairo University
61	GP2025.R20.116	Autonomous Laser Weeding Robot	6 October University
62	GP2025.R20.123	Plate Swap Pro	Aswan University
63	GP2025.R20.127	Abstractive Speech to Text Summarization	Alexandria University
64	GP2025.R20.128	IoT based Paralysis Patient Health Care System	AAST-Arab Academy for Science, Technology and Maritime Transport
65	GP2025.R20.130	Autonomous vehicle and traffic control system for smart cities	AAST-Arab Academy for Science, Technology and Maritime Transport
66	GP2025.R20.131	AI Based Car Diagnostic Device	Pharos University
67	GP2025.R20.132	Autonomous Shuttle (AuraV)	6 October University
68	GP2025.R20.134	System Design and Implementation of Smart Dashboard for Electric Vehicles with Auto Driving Assisting System	Zagazig University
69	GP2025.R20.135	Electric scooter with wireless charging station can power from renewable energy resource.	AAST-Arab Academy for Science, Technology and Maritime Transport
70	GP2025.R20.136	A Low-Cost Portable Vital Sign simulator	Minia University
71	GP2025.R20.137	Smart Landmine Detection Robot	King Salman International University
72	GP2025.R20.138	SDV with ADAS for next automotive generation	Al-Azhar University
73	GP2025.R20.139	Real-time IoT Based System For Health Monitoring Using PPG Biometric	Assuit University
74	GP2025.R20.143	Autonomous Outdoor Delivery Robot "Neurobot"	Canadian International College (CIC)
75	GP2025.R20.150	IOT-Efficient Landscape Irrigation Manager (IOT-ELIM)	Egyptian Academy for Engineering (EAEAT)
76	GP2025.R20.151	Post Accident System Based on Telematics	Suez Canal University
77	GP2025.R20.155	Intelligent assistant system for the blind and visually impaired	El Shorouk Academy

78	GP2025.R20.156	Automatic assistive device for transporting elderly and injured patients	Mansoura University
79	GP2025.R20.158	Smart Batch	Ain Shams University
80	GP2025.R20.159	Optimizing Home Energy: Real-Time Monitoring and Analysis of Power Consumption Patterns Using Machine Learning	Port-Said University
81	GP2025.R20.160	AI-Powered IoT Surveillance for Violence Control	Nile University
82	GP2025.R20.164	Design and Evaluation of Wireless Power Transfer (WPT) Systems for Electric Vehicle (EV) Charging with Varying Coil Geometries	The British University in Egypt
83	GP2025.R20.167	Smart Guardian (Advanced AI-Based Accident and Emergency System)	Institute of Aviation Engineering and Technology
84	GP2025.R20.172	AI-driven post-harvest sorting system	AAST-Arab Academy for Science, Technology and Maritime Transport
85	GP2025.R20.173	Advanced Holter	El Shorouk Academy
86	GP2025.R20.175	Smart Foldable wheelchair enhancing mobility with IoT technology	Canadian International College (CIC)
87	GP2025.R20.177	shelf lift robot	Ain Shams University
88	GP2025.R20.179	Smart Parking system	Egypt University of Informatics
89	GP2025.R20.181	Portable Hemodialysis Machine	Canadian International College (CIC)
90	GP2025.R20.183	Adaptive Bionic Leg with BCI-Controlled Knee and Ankle Joints	Egypt Japan University of Science and Technology (EJUST)
91	GP2025.R20.184	FleetX - Embedded Linux-Powered Fleet Management for Shared Vehicles	Canadian International College (CIC)
92	GP2025.R20.185	Smart stroller	Helwan University
93	GP2025.R20.189	Voice controlled wheelchair for physically disabled.	Assuit University
94	GP2025.R20.190	Shifaa(Revolution in the world of Arabic Medical Language Models)	Menoufia University
95	GP2025.R20.191	Intelligent Virtual Reality Therapy System	AAST-Arab Academy for Science, Technology and Maritime Transport
96	GP2025.R20.192	Green Shield	Egypt Japan University of Science and Technology (EJUST)
97	GP2025.R20.195	Microwave Sensor for Bone Imaging and Diagnostic Applications	Ain Shams University
98	GP2025.R20.196	Artificial Intelligence “AI” Quality Inspection	Canadian International College (CIC)
99	GP2025.R20.197	Exotech	Mansoura University
100	GP2025.R20.199	Automotive Radar Processing system	Cairo University
101	GP2025.R20.201	Enhancing Tourist Experience using Smart Car Technology	Luxor University
102	GP2025.R20.202	Design of Non-Surgical Wearable Antennas for The Healthcare System	Higher Institute for Engineering and Technology - Kafr ELsheikh
103	GP2025.R20.203	intelligent Responsive Integrated Safety Vehicle	Al-Azhar University

104	GP2025.R20.204	SmartSafety: AI-Driven Workplace Hazard Detection	AAST-Arab Academy for Science, Technology and Maritime Transport
105	GP2025.R20.205	Smart Optical Analyzer for Water Quality	Ain Shams University
106	GP2025.R20.207	Versatile Mobile Manipulator Robot	Higher Technological Institute - Beni Suef
107	GP2025.R20.208	Smart Customizable Versatile Robot for Diverse Operations	Damietta University
108	GP2025.R20.210	Remote Surgical Robot	AAST-Arab Academy for Science, Technology and Maritime Transport
109	GP2025.R20.213	SMART Bin	AAST-Arab Academy for Science, Technology and Maritime Transport
110	GP2025.R20.218	Intelligent Robotic System for Detecting Mines and Metals	Higher Institute for Engineering and Technology - Kafr ELsheikh
111	GP2025.R20.220	Legal RAG Consultant	Ain Shams University
112	GP2025.R20.222	Radiotherapy Dose Map Prediction	Alexandria University
113	GP2025.R20.224	Designing and manufacturing a smart vending machine using innovative control techniques	Cairo University
114	GP2025.R20.226	IoT-Based Solar-Powered Desalination Unit for Remote Water Management	Assuit University
115	GP2025.R20.228	AI-Powered Integrated Healthcare Assisstant	King Salman International University
116	GP2025.R20.230	Driver Monitoring System (DMS)	Cairo University
117	GP2025.R20.231	4 Legged Robot to assist the visually impaired	Cairo University
118	GP2025.R20.232	Design & manufacturing of a smart electric bike connected to a mobile application as an urban mobility solution	Coventry University (TKH)
119	GP2025.R20.233	Sensing Antenna System for Termites Detection	Egypt Japan University of Science and Technology (EJUST)
120	GP2025.R20.235	Adversarial Attacks on Autonomous Vehicle Perception: Vulnerabilities and Defense Mechanisms	University of Science and Technology at Zewail City
121	GP2025.R20.236	Development of an RF-based Detection System for Microparticle Contamination in Biomedical Fluids	Egypt Japan University of Science and Technology (EJUST)
122	GP2025.R20.238	RTK GNSS Base Station for high positioning accuracy	Beni Suef University
123	GP2025.R20.241	Exoskeleton Body Suit for Upper Body Support using EEG Signal Control	Helwan University
124	GP2025.R20.244	NextGen Intelligent Autonomous System	Suez Canal University
125	GP2025.R20.245	Biodegradable Microfluidic Sticker for Cancer Diagnosis and Treatment Monitoring	Egypt Japan University of Science and Technology (EJUST)
126	GP2025.R20.247	5-axis plasma cutting machine	Cairo University
127	GP2025.R20.249	Robo-Gaurd	Misr University for Science and Technology (MUST)
128	GP2025.R20.251	Endoscopic Endonasal Pituitary Macro-Adenoma VR simulation	Cairo University

129	GP2025.R20.252	Smart city using AI and IOT	AAST-Arab Academy for Science, Technology and Maritime Transport
130	GP2025.R20.253	Control of permanent magnet synchronous motor in electric bicycles using field orient control	Cairo University
131	GP2025.R20.255	Development of an Automated Fatigue Testing Machine for Dental Implants	The British University in Egypt
132	GP2025.R20.256	lot security	Damietta University
133	GP2025.R20.257	AI empowered embedded system for monitoring drinkable water quality	AAST-Arab Academy for Science, Technology and Maritime Transport
134	GP2025.R20.259	Recycling Plastic Waste and Converting it into Manufactured Products through 3D Printing and Plastic Injection Molding	Assuit University
135	GP2025.R20.260	DiagNexus: Foundation of an Interpretable CNN-Based CAD System for Early Alzheimer's Diagnosis and Genetic Risk Analysis	University of Science and Technology at Zewail City
136	GP2025.R20.262	TomatoBot	Canadian International College (CIC)
137	GP2025.R20.265	IOT Robot Fo Cleaning Solar Panel	Nile University
138	GP2025.R20.266	Truck solar refrigerator	6 October University
139	GP2025.R20.267	IntelliMove AMR: Smart Autonomous Robot for Heavy Load Transport & Navigation	Nile University
140	GP2025.R20.268	Cooperative Layers for Autonomous Systems Handling	German University in Cairo (GUC)
141	GP2025.R20.269	Web-based Automatic Medical Report Generation from chest x-ray	Cairo University
142	GP2025.R20.271	Smart Solar: Monitoring and Predictive Estimation for PV Systems	Mansoura University
143	GP2025.R20.273	GuideMaster : Smart Navigation and Human Interaction Robotic System	Misr University for Science and Technology (MUST)
144	GP2025.R20.275	Waseet (The Multi Category Marketplace Website solution is designed to solve the problems of both customers and service providers)	Egyptian E-learning University
145	GP2025.R20.278	Intelligent Archive System(Wasila)	Damanhur University
146	GP2025.R20.279	E-Government Blockchain Integration	AAST-Arab Academy for Science, Technology and Maritime Transport
147	GP2025.R20.280	AI-Enhanced Hearing Aid	Cairo University
148	GP2025.R20.281	Intelligent Savonius: Integrating AI into Twisted Wind Turbine Technology	Future University in Egypt (FUE)
149	GP2025.R20.284	Intelligent Speed Regulation Vehicle System for Traffic Safety	Modern Academy for Engineering & Technology
150	GP2025.R20.285	Smart Public Transportation (Salkah)	Alexandria University
151	GP2025.R20.286	Simulation and Validation of an Electric Vehicle using MATLAB	Ain Shams University
152	GP2025.R20.287	Autonomous land keeper	Assuit University
153	GP2025.R20.288	Prime: Precision Robot for Intelligent Manipulation Efficiency	German University in Cairo (GUC)
154	GP2025.R20.289	Design and Enhancing 3-Phase Motor Controller	Ain Shams University
155	GP2025.R20.290	Robotic arm surgical assistance	Alexandria University

156	GP2025.R20.291	Smart system to detect spoiled food	Giza Higher Institute of Engineering and Technology
157	GP2025.R20.292	Smart Green House	AAST-Arab Academy for Science, Technology and Maritime Transport
158	GP2025.R20.294	Tech based uninterruptible power supply	Ain Shams University
159	GP2025.R20.296	Improving Road Safety and Crash Prevention through AI and IoT-enabled ADAS and V2V Communication	Misr Higher Institute for Engineering and Technology (MHIET)
160	GP2025.R20.297	automated pharmacy	Misr University for Science and Technology (MUST)
161	GP2025.R20.299	Autonomous forklift	Tanta University
162	GP2025.R20.302	AI-Enabled Theranostics Management Platform	Cairo University
163	GP2025.R20.304	Healthcare Monitoring System for Drivers	Benha University
164	GP2025.R20.305	Deep-Learning-Based System for Periodontal Bone Loss Measurement in CBCT Scans	Cairo University
165	GP2025.R20.306	Quadruped Robot for Search and Rescue Operations	Fayoum University
166	GP2025.R20.308	Noninvasive Intelligent Diabetes Mellitus Sensing System Exercise Impact	Egypt Japan University of Science and Technology (EJUST)
167	GP2025.R20.309	C-ABLE	Cairo University
168	GP2025.R20.311	Secured, AI-empowered Real-time remote patient monitoring system	Cairo University
169	GP2025.R20.312	Developing a VR Framework for Robot Arm Teleoperation	German University in Cairo (GUC)
170	GP2025.R20.314	Mobile HPC systems	Cairo University
171	GP2025.R20.315	AI-Powered Recycling Assistant: A Smart Approach to Environmental Sustainability	Modern Academy for Engineering & Technology
172	GP2025.R20.316	Agrobot - The Smart Farming Robot	AAST-Arab Academy for Science, Technology and Maritime Transport
173	GP2025.R20.317	Multimodal AI-based Autism Diagnosis: Integrating Stereotypical Behavior Detection and Symptom Recognition with Egocentric Vision	Cairo University
174	GP2025.R20.318	GP_IOT Automated Water Filling Production Line	Ain Shams University
175	GP2025.R20.321	Enhance privacy and security in smart hospitals	Luxor University
176	GP2025.R20.323	Development of IOT based Autonomous Smart Robots for Hospital Warehouse Management with Battery Energy Management	Cairo University
177	GP2025.R20.325	Immersive AI-Driven VR Anatomy Tutor	Nile University
178	GP2025.R20.327	AI-Driven EMG Glove: Enhancing Hand Function for Epileptic Forearm Patients via Raspberry Pi and Cloud-Based Machine Learning	Benha University
179	GP2025.R20.329	Wireless Pentesting Tool	Helwan University
180	GP2025.R20.330	stroke prediction smart necklace device based on IoT and Machine Learning Algorithm	AAST-Arab Academy for Science, Technology and Maritime Transport
181	GP2025.R20.331	oil pipe inspection robot	Alexandria University
182	GP2025.R20.334	"Esharty" - for instant translation between sign language and Arabic using AI technology	Modern Academy for Engineering & Technology
183	GP2025.R20.336	AI and Radar-Integrated Smart Vegetable Sorting System for Sustainable Export Agriculture	Modern Academy for Engineering & Technology

184	GP2025.R20.337	Energy Harvesting Antenna for Precision Agriculture With Embedded system	Port-Said University
185	GP2025.R20.338	Machine Learning-Based Pipeline for Identification and Ranking of Potent Antimicrobial Peptides Through Peptide Sequence Screening	University of Science and Technology at Zewail City
186	GP2025.R20.339	DiaGuard DIABETES MANAGEMENT APPLICATION	AAST-Arab Academy for Science, Technology and Maritime Transport
187	GP2025.R20.340	Enhancing Accessibility:Eye Tracking and Multi-Modal Interaction using TinyML	The American University in Cairo
188	GP2025.R20.341	Stereo Vision to Stereo Sound Methods for Blind Navigation and Assistance	University of Science and Technology at Zewail City
189	GP2025.R20.343	AI-based a snake-like robot for search and rescue operations.	El Shorouk Academy