Project SN	Project Title	Project Investigator Name	Industrial Partner	Academic Partner
1	Security System Based on Human Iris Structure	Dr. Magdy Fekry Mohamed Raga'ay	Cairo University	The Engineering Office for Integrated Projects
2	Instructional Video Content Searching Indexing through Audio Signal Analysis With Arabic Language Support	Dr. Mohamed Hisham Farouk ElSayed	Cairo University	No Industrial Partner
3	E-Stock Market Consultant	Dr. Mohamed Hassan Rassmy	Cairo University	Egytec Engineering Co.
4	Medical Diagnosis System for Endemic Using Self-Organizing Data-Mining Technology	Dr. Marghany Hassan Mohamed	Assiut University	No Industrial Partner
5	Miniature MEMS Spectrometer	Dr. Diaa Khalil	Ain Shams University	Si-Ware Systems
6	Virtual Tutor	Dr. Mohsen AbdelRazek Ali Rashwan	Cairo University	The Engineering Company for Digital Systems Development
7	Gray Images and Movies Computer-Based Coloring	Dr. Mohamed Abbas Moursy Shouman	Menofia University	No Industrial Partner
9	Web-Based Management System for Power Meter Measurements	Dr. Rafaat El Fouly	Cairo University	Edge Technology
10	Advanced Platform for Processing Medical Images of the Heart	Dr. Nael Fakhry Osman	Nile University	Diagnosoft Egypt
11	DNA Profiling System and Biomedical Applications	Dr. Mohamed Essam Khalifa	Ain Shams University	Data Management Systems
12	RFID-Based Hospital Positioning System	Dr. Ahmed samir fahmy	Cairo University	Crescent Technologies Inc.
13	Intelligent Information Discovery & Processing System	Dr. Mohamed Hashem	Ain Shams University	HARF Company
14	Universal Ethernet WIFI Enabled RFID Read/Write transceiver	Dr. Hany Selim Girgis	Assiut University	Alfa Electronics
15	Clear Vision: Interactive Visualization Tools for Business Intelligence	Dr. Mohamed Saad Abdel Aziz ghoniem	French University	Microtech
16	A Design Assistant System for Architects	Dr. Dina Mohamed Sameh Taha	Alexandria University	No Industrial Partner
17	Design and Implementation of Online Secure Data and Voice Integrated System	Dr. Eman Ashour	National Institute of Laser Enhanced Science	No Industrial Partner

18	Hardware-Software Massively Parallel Full Precision Analog Simulation Engine	Dr. Yasser Yousry Hanafy	Arab Academy For Science, Technology & Maritime Transport	Academy Company for Communications & Information Technology
19	Quality Assurance Management System	Dr. Amr Atef Kamel	Cairo University	Vertika
20	Valuable Discovery from Hyper-Spectral Images	Dr. Ibrahim Mohamed Fahmy Imam	Arab Academy For Science, Technology & Maritime Transport	No Industrial Partner
21	Compact Front-End Components for Wireless Networks	Dr. Amr Mohamed Ezzat Safwat	Ain Shams University	No Industrial Partner
22	Human Identification Using ECG Signal	Dr. Mohamed Medhat Tawfik	Assiut University	No Industrial Partner
23	Implementation of Hardware Digital Image and Video Coder and Decoders	Dr. Gamal ElDeen Fahmy Mamdouh Ibrahim	German University in Cairo	No Industrial Partner
24	Ultra Low Power Bluetooth Transceiver Chip	Dr. Yehia Ismail Mohamed Kamel Ismail	Nile University	Silicon Vision
25	High-End 4D Ultra Sound Imaging System	Dr. Yasser Kadah	Cairo University	International Biomedical Engineering Technologies
26	Design and Implementation of the Physical Layer of the LTE Mobile Communication System with Beam-forming Antenna System	Dr. Essam Abdel Fattah Sourour	Alexandria University	Pyramid Tech
27	Design and Implementation of DVB-T Solution	Dr. Ahmed Farouk Mahmoud Shalash	Cairo University	Varkon Semiconductors
28	Arabic Search Engine	Dr. Mohamed Abdel Raouf Abdeen	Ain Shams University	COLTEC Corporation
29	Online Handwriting Arabic Character Recognition	Dr. Khaled Mostafa ElSayed	Cairo University	Gama Technology
30	Infrastructure Bridges Information Modeling	Dr. Mohamed Mahdy Marzouk	Nile University	BIM Engineering Solutions
31	Designing a Computer Aided Detection System for Breast Cancer Detection	Dr. Walid Ahmed Youssef	Helwan University	MESC for Research & Development
32	An Innovative Hotel Revenue Management System	Dr. Mohamed Mostafa Saleh	Cairo University	Comsys Software
33	A Product for Arabic Optical Character Recognition	Dr. Mohsen AbdelRazek Ali Rashwan	Cairo University	The Engineering Company for Digital Systems Development

34	Adaptive Power Management for Portable Wireless Applications	Dr. Ahmed Mohamed Salah Arafa Lasheen	Cairo University	No Industrial Partner
35	TraffiSense: An Integrated Visual Sensing System for Advanced Traffic Management	Dr. Mohamed Abdallah Gaber ElHelw	Nile University	INOTEK System
36	Sentiment Analysis and Opinion Mining of the Arabic Web	Dr. Ahmed Abdel Wahed Rafea	American University in Cairo	Link Development
37	Prototyping Metamaterial Antennas	Dr. Amr Mohamed Ezzat Safwat	Ain Shams University	El-Nady Company
38	Kids Stories Teller E-Reader (Al Rawy)	Dr. Mohamed Ahmed Shalan	Ain Shams University	Blue Com
39	Information Theoretic Cyber Security for Emerging Wireless Networks	Dr. Hesham Mahmoud Elgamal	Nile University	SmartApps
40	Crystal-Less LC-Based Reference Clock	Dr. Khaled Sharaf	Ain Shams University	Si-Ware Systems
41	MEMS Based Timing Chips for IT/Mobile Applications	Dr. Hany Fekry Mohamed Ragaee	Ain Shams University	MEMS Vision LLC
43	Software Quality Control Automation Tool Suite	Dr. Mohamed Saed Abou gabal	Alexandria University	Unisoft
44	Commercialization of Decimal H/W Acceleration Technology for Greener Financial Computation	Dr. Hossam Ali Hassan Fahmy	Cairo University	SilMinds ,LLC
45	Soft Lock Smart Card Operating System	Dr. Ayman Bahaa	Ain Shams University	SoftLock
46	An Indoor-Outdoor Augmented Reality World Browser	Dr. Fatma Meawad	German University in Cairo	A - Tech Group
47	Tool for Extensive Management and Performance Optimization (TEMPO) for 3G	Dr. Mohamed Mohamed Khairy	Cairo University	Vodafone Egypt
49	MEMS Optical Coherence Tomography Module	Dr. Diaa Khalil	Ain Shams University	Si-Ware Systems
50	Proactive Content Delivery for Mobile Networks	Dr. Tamer Elbatt	Nile University	SmartApps
51	Web Of Objects	Dr. Wael Abdel Moniem Farag	Cairo University	NMATec
52	Cloud-based Virtual Lab System	Dr. Hesham Arafat Khalifa	Mansoura University	Cloud Niners

53	A Real-time Facial Recognition Framework on Mobile Phones Using Embedded GPUs	Dr. Ahmed Hazem El-Mahdy	Egypt-Japan University of Science and Technology	VIMOV
54	Development Of A Cost Effective Crop Monitoring With Accurate Control For Intelligent Irrigation Systems	Dr. Ahmed Sayed Ahmed Allam	Egypt-Japan University of Science and Technology	Business Link
55	Integrated Wireless Indoor Planning and Optimization Tool for 3G/LTE Networks	Dr. Tallal Elshabrawy	German University in Cairo	Vodafone Egypt
56	Nerve Locator Design Enhancement, Manufacturing and CE Marking	Dr. Ayman Eldeeb	Cairo University	AI - Manar
57	Easi Clouds	Dr. Fatma Omara	Cairo University	IT - Worx
58	Targeting Mutated P53 for New Drug Design	Dr. Walid ElSayed Ali Gomaa	Egypt-Japan University of Science and Technology	No Industrial Partner
59	Cloud-Based Platform for Advanced Processing of Cardiac Imaging	Dr. Ahmed samir fahmy	Cairo University	Diagnosoft Egypt
60	Originality Analyzer for Arabic Text	Dr. Ashraf Saad Hussein	Ain Shams University	No Industrial Partner
61	Arabic Sign Language Translator (ASLT)	Dr. Nagwa Lotfy Mostafa Bader	Ain Shams University	Business Commercial House
62	ARTS: An Accurate and Reliable Traffic Estimation System	Dr. Mostafa Yousef	Egypt-Japan University of Science and Technology	Wireless Stars
63	A Fully Integrated Silicon IP for Wireless Zigbee Applications	Dr. Yehia Ismail Mohamed Kamel Ismail	American University in Cairo	Silicon Vision
64	Energy Harvesting for Self-Powered Wireless Tire Pressure Monitoring System	Dr. Mostafa Arafa	American University in Cairo	Smartech Group
65	Social Media Analytics	Dr. Amir Attia Suryal	Cairo University	No Industrial Partner
66	DecoAR : An Indoor-Based Augmented Reality Solution for Interior Design and Real Estate Marketing	Dr. Dina Mohamed Sameh Taha	Alexandria University	ITQAN for Smart Solutions
67	eNAV: Integrated Real time Navigation and Management System for Heavy Vehicles	Dr. Ahmed Ibrahim Ibrahim Mousa	German University in Cairo	Softec International
68	Design and Implementation of LTE Solution	Dr. Mohamed Nafie	Cairo University	Wasiela

69	Large Vocabulary Arabic Handwriting Recognition System	Dr. Aly Fahmy	Cairo University	TAYA IT
70	Photonics Integrated Circuits Verification Tool	Dr. Mohamed Swillam	American University in Cairo	No Industrial Partner
71	Design of Energy Efficient Embedded SRAM Memory and Standard Cells for Ultra-low Voltage Applications	Dr. Mohamed Amin Ibrahim Dessouky	Ain Shams University	No Industrial Partner
72	HDMI 2.0 Verification IP	Dr. Maged Ghoniema	Ain Shams University	Boost valley
73	Vehicles detection and tracking in videos in very crowded scenes employing quadrotors	Dr. Moataz Mahmoud Abd El Wahab	Egypt-Japan University of Science and Technology	No Industrial Partner
74	Multi-Source Energy Harvesting for Wireless Sensor Networks	Dr. Ahmed Nader Mohyeldin	Cairo University	No Industrial Partner
75	Automatic Early Detection of Mastitis Disease in Dairy Cows	Dr. Mohamed Rushdi	Cairo University	Farminal
77	A Microfluidic Platform for Liver Cancer Cells Detection, Identification and Sorting	Dr. Yehya Hassan Ghallab	Zewail City of Science and Technology	No Industrial Partner
78	Solar Panel Characterizer	Dr. Amr Nabil Helmy	Zewail City of Science and Technology	No Industrial Partner
79	Low-Power 12 -Gbps Multi-Standard SERDES PHY	Dr. Sameh Ibrahim	Ain Shams University	No Industrial Partner
80	Cloud-based 3D Teleradiology for Rural Areas	Dr. Mohamed Abdelazim Shaheen Elgamel	Alexandria University	No Industrial Partner
81	Nano-enriched, Autonomous, and Trustworthy Sensing Framework for Water-pollution	Dr. Mohamed Rizk Mohamed Rizk	Alexandria University	Pulse for Integrated Solutions
82	Fully Integrated Weather Station Chips for Smart Phones & Tablets	Dr. Hany Fekry Mohamed Ragaee	Ain Shams University	MEMS Vision LLC
83	A mm-Wave Transceiver for Medical Imaging Applications	Dr. Ahmed Ahmed Eladawy Emira	Cairo University	No Industrial Partner
84	Speeding up Fast Fourier Transform	Dr. Omar Ahmed Nasr	Cairo University	No Industrial Partner
85	SEOUL (Sustainable & Environment Friendly Optimizer for Urban Landscape	Dr. Osama Hosny	American University in Cairo	Smart Wave Technologies
86	Mobile Based Jaundice Meter	Dr. Mohamed Ibrahim Ismail Owis	Cairo University	BioBusiness

87	Blink! A Smartphone based Automatic Accident Detection and Notification System	Dr. Ahmed Hazem El-Mahdy	Egypt-Japan University of Science and Technology	BenaIT
88	Indoor Positioning System based on Mobile Crowd Sensing	Dr. Yasmin Aly Hassan Fahmy	Cairo University	No Industrial Partner
89	Ultrasound Elastography Add-on Module for Characterizing Liver Tissue	Dr. Ahmed M. Ehab Mahmoud	Cairo University	No Industrial Partner
90	Navirize: A Calibration-free Accurate Indoor Positioning System for Realistic Environments	Dr. Mostafa Yousef	Egypt-Japan University of Science and Technology	Navirize
91	Inertial Stabilization Platform Product Development	Dr. Amr Galal Eldeen Ahmed Wassal	Cairo University	Si-Ware Systems
92	Software Factory Approach for knowledge-based EHR Systems	Dr. Mohamed Bassuny Mohamed Abou Ela Khalifa	Alexandria University	Accorpa
93	Citrus Fruits Grading System Based on Machine Vision	Dr. Mohamed Sharraf Ismail Sayed	Egypt-Japan University of Science and Technology	No Industrial Partner
94	Enhanced Source of Entangled Photons for applications in Quantum Encryption	Dr. Salah Ahmed Sabri Obyei	Zewail City of Science and Technology	No Industrial Partner
95	Arabic Sign Language Translator	Dr. Nagwa Lotfy Mostafa Bader	Ain Shams University	Business Commercial House
96	Active Implantable Neural Interface Platform	Dr. Hassan Mostafa Mostafa	Cairo University	Novela Egypt
98	CANTrack	Dr. Wael Abdel Moniem Farag	Cairo University	Bright Skies
99	Optimized Implementation of Tuning Mechanisms in Reconfigurable RF Resonators for Advanced Wireless Systems	Dr. Adham Naji	The British University in Egypt	No Industrial Partner
101	Automatic Arabic Sign Language Recognition from RGBD Data	Dr. Moataz Mahmoud Abd El Wahab	Egypt-Japan University of Science and Technology	No Industrial Partner
103	IVISIA : Intelligent Video IP Surveillance Integrated Analytics	Dr. El Sayed Eissa Abdo Hamed	Cairo University	AvidBeam
104	Complete System for Energy Management Including Renewable Energy Based on Smart Meter Innovative Design and Machine Learning	Dr. Mohamed Ahmed Mostafa Hassan	Cairo University	TieTec
105	Low-Cost Attitude Determination In Nanosatellites	Dr. Mohamed Serry	American University in Cairo	No Industrial Partner

106	Locally-developed Wireless Sensor Network Modules for Smart Internet of Things Applications	Dr. Yasser Gadallah	American University in Cairo	No Industrial Partner
107	Hydrocarbon Production Optimization Computer-Assisted Decision	Dr. Dalia Magdy	French University	APEX
108	SIWMS: Smart Irrigation Water Management System	Dr. Ahmed Sayed Ahmed Allam	Egypt-Japan University of Science and Technology	SpimeSenseLabs
109	KetApp: Books Supercharged	Dr. Amr Ghoneim	Helwan University	Dashsoft
110	Social Media Analytics for Arabic Dialects	Dr. Amir Attia Suryal	Cairo University	AlKhawarizmy Software
111	Developing Content Based Retrieval system for Dermatology Image Databases	Dr. Inas Yassin	Nile University	No Industrial Partner
112	Analyzing Trends of Discussion Topics in Community Question Answering Services	Dr. Neamat ElTazi	Cairo University	No Industrial Partner
113	Smart Droplet: An Enabler for Fog Networks	Dr. Omar Nasr	Cairo University	No Industrial Partner
114	An Innovative Optimization Framework for a High Frequency Trading Tool for Stock Markets	Dr. Ayman Ahmed Sabry Abdel Rahman Ghoneim	Cairo University	No Industrial Partner
115	Self-Powered FPGA for rapid prototyping for Wireless Sensor Nodes (WSNs)	Dr. Hamdy Abd Elhamid	Zewail City of Science and Technology	No Industrial Partner
116	BLE MANET CAD Platform For IoT	Dr. Atef Mohamed Zaky Ghalwash	Helwan University	Qoudra
117	POTOO: A Low-Power 12-Gbps Multi-Standard SERDES PHY	Dr. Sameh Ibrahim	Ain Shams University	Mipex
118	Automatic Malfunction Analysis (AMAN)	Dr. Abdelwahab ElSamak	Banha University	PiTechnologies
119	Automatic Crowd Scene Analysis and Anomaly Detection From Video Surveillance Cameras	Dr. Walid ElSayed Ali Gomaa	Egypt-Japan University of Science and Technology	No Industrial Partner
120	Detecting Emotional Tone and Sentiment Targets in Arabic Tweets	Dr. Samhaa ElBeltagy	Nile University	No Industrial Partner
121	PCB Inspection Using Intelligent Analysis of Thermograms	Dr. Mohamed Hisham Farouk ElSayed	Cairo University	No Industrial Partner

122	A High Performance Bioinformatics Software Package for Pathogen Detection and Virulence Elements Comprehension (PDVEC)	Dr. Mahmoud El Hafnawy	Nile University	No Industrial Partner
123	A Cost Effective Microwave System for Soil Sanitation	Dr. Adel Bedair	Egypt-Japan University of Science and Technology	No Industrial Partner
124	Droplet Formation on Microfluidic Chip for Miniaturized PCR Applications	Dr. Ahmed Mohamed Rashad Fath el Bab	Egypt-Japan University of Science and Technology	No Industrial Partner
125	Sentiment Analysis Tool for Arabic	Dr. Ahmed Abdel Wahed Rafea	American University in Cairo	The Engineering Company for Digital Systems Development
126	Call Center Voice Classification using Big Data Techniques	Dr. Mohamed Nafie	Cairo University	Linux Plus
127	TESTICIDE, Tester's Pesticide	Dr. Hassan Fouad Mohamed El Sayed	Helwan University	TESTICIDE
128	Humanized Digital Marketplace	Dr. Mohamed Abdelghany	American University in Cairo	No Industrial Partner
130	Face In/Out: Time and Attendance Tracking System using Facial Biometrics, Emotional Expressions and Mobile Devices	Dr. Moumen Elmelegy	Assiut University	UESystems Co.
131	Ultrasound Elastography Add-on Module for Detecting Breast Tumors	Dr. Ahmed M. Ehab Mahmoud	Cairo University	DilenyTech Smart Solutions
132	An Electrokinetic Based Microfluidic Platform for DNA Detection, Identification and Sorting	Dr. Yehya Hassan Ghallab	Zewail City of Science and Technology	No Industrial Partner
133	A Ray Tracing Simulator for Radio Wave Propagation Based on Geometric Algebra	Dr. Sherif Mohamed Abou El Enen	Port-Said University	No Industrial Partner
134	Photonic superlattice for generating and engineering hyperentangled_photons Core of quantum computation and encryption systems	Dr. Salem Farag Salem Hegazy	Zewail City of Science and Technology	No Industrial Partner
135	Tunable ultra-low phase noise MEMS	Dr. Haytham Abdel Salam Omran	German University in Cairo	No Industrial Partner
136	BlinkApp! A Smartphone based based Automatic Accident Detection, Risk Assessment, & Notification System	Dr. Ahmed Hazem El-Mahdy	Egypt-Japan University of Science and Technology	BlinkApp
137	AutoAIDO:Automation of Analog IC Design and Optimization	Dr. Hisham Abdel Salam Omran	Ain Shams University	No Industrial Partner

138	Nun Arabic Text To Speech	Dr. Hazem Mahmoud Abbas	Ain Shams University	Global Technical Services
139	eMicroscopy eHealth System for Automated Microscopy-based Lab Diagnosis	Dr. Moumen Elmelegy	Assiut University	No Industrial Partner
140	xPython, A Trusted Python Environment for the Internet of Things and Embedded Systems	Dr. Mohamed Aly Aly Sobh	Ain Shams University	GX Computing
141	Ku-Band Printed Antenna for Movable Earth Segment Applications	Dr. Ahmed Mohamed Atteya Salem	Electronics Research Institute	No Industrial Partner
142	M2auth Multimodal Behavioral Biometric Authentication Framework on Smartphones	Dr. Ahmed Mohamed Mahfouz	Minia University	No Industrial Partner
143	ESITIP - Personal Electric Autonomous Vehicle (PEAV)	Dr. Mohamed Ahmed Abdel Aziz	Ain Shams University	MATGR for Trading & Engineering
144	Development of Microfluidic System for Miniaturized PCR Applications	Dr. Ahmed Mohamed Rashad Fath el Bab	Egypt-Japan University of Science and Technology	Alex Biotechology
145	eCervello-A Novel Multi-tier Big Data Analytics Framework for IoT-based Predictive Maintenance	Dr. Tamer Elbatt	American University in Cairo	IOTBLUE MEA
146	Cloud-based Cardiac CT Analytics	Dr. Tamer Basha	Cairo University	Advanced Intelligent Technologies
147	Infinity LED Driver A Long-Lifetime Integrated AC-DC LED Driver	Dr. Mohamed AbdelAziz Mohalel Oraby	Aswan University	Vidatronic Egypt
148	Lumiere(c) Integrating EEG and Facial Expressions for the Automatic Detection of Cognitive Skills	Dr. Hatem Adel Fayed	Zewail City of Science and Technology	SMACRS
149	iGRASP (innovative Glove for Rehabilitation and Assistance using Smart-features and Performance-feedback)	Dr. Mohamed Ibrahim Mohamed Hassan Awad	Ain Shams University	No Industrial Partner
150	Power Management System for Biomedical Implanted Devices	Dr. Ahmed Nader Mohyeldin	Cairo University	No Industrial Partner
151	A Micro Electrical Impedance Spectroscopy for (µEIS)Breast Cancer Cells Electrical Parameters Detection and Identification	Dr. Yehya Hassan Ghallab	Zewail City of Science and Technology	No Industrial Partner
152	Smart Integrated On-Board Battery Charger for Electric Vehicle Applications	Dr. Ayman Sami Abdel Khalek	Alexandria University	No Industrial Partner

153	Low cost complexity equalization system for enhancing the capacity and reach of multimode optical fibers	Dr. Karim Abdel Fattah El Sayed Saied	Zewail City of Science and Technology	No Industrial Partner
154	Meta-cognitive Module for Optimized LTE-UWiFi Coexistence	Dr. Amr El Sheif	Nile University	No Industrial Partner
155	Deep learning-based resolution enhancement of miniaturized FTIR spectrometers	Dr. Sherif Abou El Aneen	Port-Said University	No Industrial Partner
156	Integrated optical mode division multiplexers on silicon photonics technology	Dr. Salwa El Saban	Helwan University	No Industrial Partner
157	An Efficient Power Delivery Structure for Data Centers	Dr. Mostafa Saad Hamad	Arab Academy For Science, Technology & Maritime Transport	No Industrial Partner
158	Design and Implementation of hardware Internet of Things (IoT) Adaptive Security Supporting System	Dr. Hassan Mostafa	Zewail City of Science and Technology	No Industrial Partner
159	Edu-Edge Adaptive e-Learning Platform	Dr. Shehab Gamaleldin	Al - Azhar University	4S Technology
160	ESITIP - PVOLTAI4_Research And Development of O&M Technologies For PV Plants Management	Dr. Yehia Ismail	American University in Cairo	Empower Energy System
161	CLIP - Using Machine Learning to Reinforce Customer Loyalty Intelligent Personalization	Dr. Mostafa M. Aref	Ain Shams University	MiniMax Software Solution
162	A Robust Wearable Activity Recognition System based on IMU Signals	Dr. Walid Gomaa	Egypt-Japan University of Science and Technology	No Industrial Partner
163	Environment-Friendly Electromagnetic-Based Solutions for the Cotton Leaf Worm in Egypt	Dr. Haitham Sharaf	Cairo University	No Industrial Partner
164	Smart Image-Based Localization for Augmented Reality application	Dr. Samia Meshaly	Electronics Research Institute	No Industrial Partner
165	Classification and prediction of lung cancer using both Genomic and CT scan Image Analyses	Dr. Moataz Abdelwahab	Egypt-Japan University of Science and Technology	No Industrial Partner
166	CIPOLIVE	Dr. Ahmed Khattab	Cairo University	Smartech Group
167	Intelligent Thermal Imaging Processor for IoT application	Dr. Yasmin Fahmy	Cairo University	No Industrial Partner

168	Wirelessly-Controlled Fully Implantable Smart Micropumping System for Local Anti-Cancer Drug Delivery in Pediatric Patients	Dr. Mohamed Serry	American University in Cairo	No Industrial Partner
169	Orange Real-Time grading Machine	Dr. Hisham El Deeb	Electronics Research Institute	Fruitful Solutions
170	Contactless Instantaneous Blood Pressure Monitoring For The Intensive Care Unit (CIBPM)	Dr. Osama Ahmed	Aswan University	Advanced Computer Systems (ACS)
172	Kids Guard SAFEty framework (KG-Safe)- An AI-based system for kids safety	Dr. Omar Nasr	Cairo University	No Industrial Partner
173	Low-Power Acquisition System for Continuous Wireless Blood Pressure Monitoring	Dr. Sameh Ibrahim	Ain Shams University	No Industrial Partner
174	Embedded Video Surveillance based on IoT & ML for Smart City	Dr. Mohamed Abdelmegeed	German University in Cairo	No Industrial Partner
175	Smart Water Meter	Dr. Hesham El Deeb	Electronics Research Institute	The Engineering Office for Integrated Projects
176	Meta learning core for Vehicular Networks	Dr. Maha Sabrouty	Egypt-Japan University of Science and Technology	No Industrial Partner
177	Smart Production Planning & Scheduling (SPPS)	Dr. Lamia Shihata	German University in Cairo	No Industrial Partner
178	Smart Spout A Water Quality System based on Big Data Analytics and Internet of Things in the Context of Smart City Initiatives in Egypt	Dr. Ayman El Sayed	Menofia University	No Industrial Partner
179	A Software Defined Radio-based LoRa Receiver for Dense IoT Deployments within Smart Cities	Dr. Tallal Elshabrawy	German University in Cairo	No Industrial Partner
180	Android Malware Detection via Reservoir Computing and Graph Convolutional Deep Learning Networks	Dr. Khaled El Sayed	Cairo University	No Industrial Partner
181	LDLCT A Framework for Lesion Detection on Lung CT Scan	Dr. Eman Badr	Zewail City of Science and Technology	No Industrial Partner
182	Wireless Ultrasound Transducer Interface for Industrial IoT Level Sensing Applications	Dr. Hany Ragie	Ain Shams University	MEMS Vision LLC
183	Augmented reality to measure imagination using dynamic visualization and tangible interactions	Dr. Niveen El Sayed	No Academic Partner	APPTCOM software development

184	Smart online platform for Breast Imaging and Reporting (BE-SMART)	Dr. Ahmed Mahmoud Ehab	No Academic Partner	DilenyTech Smart Solutions
185	AvidHealth On Detecting and Enforcing Compliance with Public Health Guideline	Dr. Hani El Gebally	No Academic Partner	AvidBeam
186	A Smart Public Parking System	Dr. Mostafa Saad Hamad	Arab Academy For Science, Technology & Maritime Transport	AIT Systems
187	EME - Zeus An electric powertrain for mid-size city transport vehicles	Dr. Ahmed Nagiub El Mekawy	Alexandria University	Bright Skies
188	EME - MEMS SAW-Based Reference Clock	Dr. Mohamed Dessouky	No Academic Partner	Pearl Semiconductor Egypt
189	Smart Vent A low-cost, AI-enabled, connected ventilator	Dr. Ahmed El Mahdy	EJUST	Spectrum Diagnostics