University of Mosul / College of Engineering

Computer Engineering Department

Graduation Projects for the Academic Year 2021-2022

No.	Project Title	Supervisor Name	Student Name
1	Wireless Sensor Network Building based on Arduino	Prof. Dr. Salah Abdulghani	Laith Rasim Taj Al-Din & Mohammed Abdul Qader Ramadan
2	Smart Saving Box Based on IoT	Asst. Prof. Dr. Rabie Mowafaq Hajem	Basma Natheer Hamed & Rita Saad Boulos
3	Advanced POS System	Asst. Prof. Dr. Turkan Ahmed Khalil	Mahmoud Ahmed Bassam & Mohammed Moataz Ghazi
4	Satellite Image Classification Technique for The Mosul Area Before and After The War To Assess The Damage It Sustained	Asst. Prof. Dr. Turkan Ahmed Khalil	Shahad Mahmoud Mazen & Kawthar Maher Ibrahim
5	Trash Separation	Asst. Lecturer Noor Mowafaq Jabr Al-Layla	Anoud Saad & Taqwa Iyad
6	Car plates numbers recognition	Dr. Ammar Idrees Dawood	Abdullah Saleh Theyab & Omar Qusay Hassan
7	Design and Implementation Secure Electronic Health Management Information System	Dr. Omar Ahmed Yousef	Sarah Marwan Fayyad & Thomas Bahnan Toma
8	Remote Video Monitoring System Using RaspberryPi	Dr. Inam Fathi Khader	Abdul Aziz Zaid Abdul Qader & Muhannad Jamal Kamil
9	Internet of Things in the Health Field	Lecturer Mudhar Ahmed Hamoudi	Obaida Amer Saleh & Ismail Khalil Fadil

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10	Internet of Things and Smart Cities	Lecturer Mudhar Ahmed Hamoudi	Aya Talal Idrees & Raneen Salem Hassan
11	Internet of Things and Environmental Engineering	Lecturer Mudhar Ahmed Hamoudi	Noor Jalal Abdul Wahid & Rahma Faris Mohammed Ali
12	A Mind Controller System	Dr. Ali Mukhlif Ahmed Al-Sayegh	Ibtisam Abdul Sattar Ahmed & Dalal Wisam Hikmat
13	Sending a Text Message Using The Laser Transmitter Using Arduino	Asst. Lecturer Muhannad Faris Saleh Al-Atallah	Hassan Khudair Ali & Mays Bashar Bashir
14	IoT Based Colour Sorting Machine using ESP8266 and ThingSpeak	Lecturer Qasim Abdullah Ahmed	Yousef Dhia Najm & Ibtihal Ibrahim Adel
15	Robotic Storage System	Asst. Lecturer Hamid Abdul Aziz Mahmoud	Zainab Maher Ghanem & Iman Khairy Ali
16	Sustainably Smart Urban Road Networks	Asst. Lecturer Juan Abil Aqrawi	Areej Mohammed Ali Mohammed & Raghad Osama Jamal
17	Bidirectional Visitor Counter	Asst. Lecturer Ola Marwan Asim	Roa Jerjis Sameer & Shahad Mohammed Sami
18	Toward Automation of Industrial Storage Cooling Under IoT Principles: A case study	Dr. Basman Mahmoud Hassan	Ahmed Majid Mohammed Amin & Omar Mohammed Wajid
19	Germination of Seeds in Smart Farm	Asst. Lecturer Noor Mowafaq Jabr Al-Layla	Rahma Anas Abdul Haq & Mays Faiz Mustafa
20	Control Appliances with Smart Phone Using Esp8266	Asst. Lecturer Hassan Fakhri Hassan	Sarah Laith Salem & Israa Khalaf Atallah
21	Face Recognition Based on Discrete Wavelet Transform	Lecturer Zahraa Talal Abdul	Sarah Issam Abdul Wahid & Sarah Mohsin Elias
22	Investigating of Using The PicoBlaze microcontroller in FPGA	Dr. Dhafer Abdul Fattah Abdul Qader	Amir Haji Darwish

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23	Investigating of Using The Digital Clock Manager (DCM) in FPGA	Dr. Dhafer Abdul Fattah Abdul Qader	Maryam Muayad Idrees & Raghda Saad
24	Design and Implementation of the Control Unit for a Baby Incubator	Dr. Mazen Hashim Aziz Ali Al-Ibrahim	Ali Bashar Thanoon & Ali Abbas Abdul Jalil
25	Detection and Classification of Facial Expressions	Dr. Mazen Hashim Aziz	Taiba Hussein Ali & Mustafa Ammar
26	Face Recognition technique using Matlab	Lecturer Akram Abdul Mawjood Dawood	Mustafa Aziz Kadhim & Mustafa Ramzi Daham
27	Enhancing the Reliability of Safety-Critical Applications	Dr. Shawkat Sabah Khairallah	Maha Walid Adel & Shahad Walid Mahmoud
28	Keystroke Dynamics as a Real-time Biometric Authentication	Asst. Lecturer Mustafa Siham Abdul Rahman Al-Qassab	Saif Al-Din Saad Hassan & Tuqa Younis Thanoon
29	IoT Based Health Monitoring Watch	Asst. Lecturer Mohammed Tariq	Zaid Ammar Ghanem & Mohammed Saad Mohammed
30	ERP System	Dr. Ammar Idrees	Wael Ashraf