

# DESIGNING A WEED CONTROL SYSTEM USING ARTIFICIAL INTELLIGENCE

Prepared by:

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Supervised By

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Dr. Ziad Mohammed Yusef

MOSUL-IRAQ Fall -2025





## REMOTE REAL-TIME WATER LEVEL MONITORING SYSTEM DESIGN AND FEASIBILITY STUDY

Prepared by

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YOUSSEF HANNA

Supervised By

DR. MOHAMMED FALAH MOHAMMED





# University Of Mosul College Of Engineering Mechatronics Engineering Department



Bachelor's Final Project

# Design of a Mower Garden Sustainable

A Graduation Project Submitted to Mechatronics Engineering
Department as a Partial Fulfillment of the Requirements For The
Degree of Bachelor of Science In Mechatronics Engineering

#### Subjected by:

Yousif Imad Zaki Mohammed Fadel Abbas Sajad Moaed Salal

#### Supervised by:

Assist. Prof. Dr Muhamad Azhar Abdilatef Alobaidy
Assist. Lect. Rashad Adhed Kamal
2024- 2025

Republic of Iraq

Ministry of education and scientific research

University of Mosul

Mechatronics Engineering Department



# DESIGNING AND BUILD VEHICLE TO DETECT AND IDENTIFY OBSTRUCTIONS

BY

Nabaa Mohammed Allawi

Zina Jasim Mohammed

Supervised By

Dr. Myasar Salim Alattar

Dr. Zeyad Mohammed Yousef

Mosul, Iraq FALL 2024



#### APPARATUS DESIGN OF CONNECTION PUMPS IN SERIES AND PARALLEL

Prepared by

**ALI ADNAN** 

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Supervised By

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#### THEORETICAL FOUNDATIONS OF SUSTAINABLE AI-POWERED ROBOTICS: SOLAR ENERGY, OBJECT DETECTION GPS NAVIGATION AND FOURTH-GENERATION NETWORKS

Prepared by

Suleiman Abd ALmoeen Suleiman

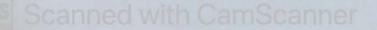
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Dr. Omar Saadallah

MOSUL-IRAQ Fall – 2024



# Ministry of Higher Education and Scientific Research University of Mosul College of Engineering



## Design of a Wireless Plotter CNC machine

Prepared by:

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# DESIGN OF SMART AND SUSTAINABLE CAR WASHING SYSTEM

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# University of Mosul College of Engineering Mechatronics department

Kalman Filter to improve performance of PID control system on DC motor: Theoretical study

Supervised

Dr. Firas Ahmed Aladurzi

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Done by

Khalil Saeed Khalil

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2024-2025

i|Page