

**Basic Information :**

**Name :** Yehia Hossam El Din

**Title :** Professor



Professor Yehia Hossam El Din - Mechanical Engineering Department

**Education :**

Certificate	Major	University	Year
PhD	Department of Mechanical Engineering - Vehicle	wisconsin university- Faculty Of Engineering	1986
Masters	Department of Mechanical Engineering - Vehicle	Military Technical College	1977
Bachelor	Department of Mechanical Engineering	Military Technical College	1970

**Research :**

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Fast Switching Valve Utilization to Control Pneumatic Cylinder Speed

An autonomous hovercraft with minimum energy consumption

Automatic Adaptation of Tire Pressure According to Operating Conditions

Design and Implementation of a Vision-based Control for a Ball and Plate System

DESIGN AND IMPLEMENTATION OF NAVIGATION CONTROL SYSTEM FOR UNMANNED GROUND VEHICLES

EVALUATING IN-CAR DESIGN USING A NOVEL UPGRADEABLE

A Multi Finger Haptic Hand with Force Feedback

Mechatronics curriculum development at Philadelphia University in Jordan

**Conference :**

A Multi Finger Haptic Hand with Force Feedback

Evaluating In-Car Design Using a Novel Upgradeable Test: The Normalized Three Weight (NTW) Index

Design and Implementation of Navigation Control System for Unmanned Ground Vehicles

Mechatronics system for tire pressure control

Control and modeling a robot arm via EMG and flex signals

Modeling and verification of spring loaded robotic finger mechanism

Message from the Chair

