

UMBB/IGEE
final year project (MASTER)

Option: Control – 2022

Room: C107

Date: 29/06/2022

N°	Title	Student names	Jury members	Time
01	-Upgrading of Universal Testing Machine UTM	-BAALI Dhia Eddine -BRAHIMI Abd Esselam (Pwer)	GUERNANE R. (P) OUADI A.(S) BOUTORA S (E).	09h:00 - 10h:00
02	-Performance Analysis of the Routing Protocol for Low-Power and Lossy Networks in CC2538 based Wireless Sensor Networks	- RIMOUCHE Wail - MERINE SASSI Saleh	BELAIDI H.(P) KHOUS A.(S) SAHNOUN (E)	11h:00 - 12h:00
03	-Control of Raw Materials Production Line using Factory I/O & Siemens S7-1200	- SAID Imad Eddine - BENKHELIF Mohamed	OUADI A. (P) ZITOUNI A.(S) KACED R (E).	13h:00 - 14h:00
04	-Web Based Delivery Agency With Automatic Sorting Using PLC	- BAKHOUCHE Romeissa (Computer) - BRAHIMI Ferial	ZITOUNI A. (P) OUADI A. (S) NAMANE .(CS) OTMANI N (E)	15h:00 - 16h:00

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N°	Title	Student names	Jury members	Time
05	Design and Analysis of an Optimized Fractional Order PID Controller for a Quadcopter System Based on Metaheuristic Algorithms	-BENGHARBI Omar Abdelaziz -Rahila Salah Eddine	HARRICHE K. (P) HACHOUR O. (S) BELMADANI H.(CS) KACED R. (E)	09h:00 - 10h:00
06	-Programming a Stacking & Packaging Machine and a Pick & Place Robot using Omron CJ1M PLC	-BENREKIA Abdelilah -TOUAMI Merouane Chawki	OUADI A.(P) HACHOUR O.(S) KACED R. (E)	11h:00 - 12h:00
07	- Adaptive Impedance Control for Unknown Environment	-BENBOUALI Mohamed Amine	AKROUM A. (P) DERRAGUI N.(S) GUERNANE R (E).	11h:00 - 12h:00 (Amphi 4)
08	Identification & Implementation of 3DOF Helicopter Control System Design	- BENAZIZA Youcef - MAUCHE Taha Moncef - OULDACHE Wassim Abdessamed	BOUSHAKI R. (P) OUADI A. (S) DERRAGUI N.	13h:00 - 14h:00
09	-Fault Detection and Diagnosis in Grid-Connected Photovoltaic System	-ABDAOUI Djihane	KOUADRI A.(P) KHELDOUN A .(S) ROUANI L. (E)	15h:00 - 16h:00

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Date: 02/07/2022

N°	Title	Student names	Jury members	Time
10	-Lyapunov-Based Model Reference Adaptive Flight Control System	– AGRANIOU Hana – -BENSALAH Takouallah	GUERNANE.(P) AKROUM M. (S) DERRAGUI N. BELMADANI (Invited)	09h:00 - 10h:00
11	- Observer-based Active Fault Tolerant Control of a Three Tank system (DTS-200)	– TAIB Mohamed Amine	OUADI A.(P) KOUADRI A.(S) ROUANI L.	11h:00 - 12h:00
12	-Linear and Nonlinear Control Design for a Quadcopter	– REFIS Youcef	KOUADRI A.(P) BOUSHAKI R.(S) LOUBAR H.	13h:00 - 14h:00
13	-Flight of Quadcopter based on Backstepping and PID Control	– DEIA Ayoub – TANI Lokmane	BENZAOU M.(P) BOUSHAKI R.(S) ROUANI L.	15h:00 - 16h:00

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N°	Title	Student names	Jury members	Time
14	- Adaptive fuzzy logic control of Quadrotor simulation and implementation	-BENRABAH Younes	BENZAOUI M. (P) BOUSHAKI R.(S) LOUBAR H.	09h:00 - 10h:00
15	-Stateflow based Energy Management System for PV-Battery Hybrid Micro-Grid	- CHIKER Nesrine - CHOUIDER Naziha	AMMAR A. (P) OUADI A. (S) RECIUI F.(E)	11h:00 - 12h:00
16	-Hierarchical Clustering Technique for Lung Diseases	-KOUFI Inas	DAAMOUCHE A.(P) KOUADRI A.(S) KETFI ABDELBASSET TOUAHRI RAMA (E)	13h:00 - 14h:00
17	-Integrated Microgrid Protective System using PMU	- NEGGAZ Taima	BENTARZI A. (P) OUADI A. (S) RECIUI A. (E)	15h:30 - 16h:30

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N°	Title	Student names	Jury members	Time
18	-An indoor Lidar based autonomous mobile robot using SLAM and RRT* algorithms	-ABBAD Aicha Manar	BELAIDI H. (P) HACHOUR O.(S) BENZAOU M.(E)	09h:00 - 10h:00
19	-Study and Simulation of Predictive Control Applied to Binary Distillation Column	-CHOURAR Adel Moncef MEKHACHENE Islem	KOUADRI A.(P) HACHOUR O. (S) OUAZENE H.(CS) AKROUM M.	11h:00 - 12h:00
20	-Interval Valued PCA-Based Approach For Fault Detection in Dynamic Systems	-Kouari Abdellah Anis -Hellati Sami Oussama	TERCHI A.(P) KOUADRI A.(S) A.LOUIFI(CS) ROUANI L.	13h:00 - 14h:00
21	- PID Controller Parameters Tuning Using Metaheuristic Method for Quadrotor UAV	-ABDELAZIZ Mouloud Aghilas	BOUSHAKI R.(P) AMMAR A. (S) LOUBAR H.	15h:00 - 16h:00