



## *Certificate of Participation*

This is to certify that:

*Keltoum Loukal*

Participated in the "*The 2<sup>nd</sup> International Conference of Advanced Technology in Electronic and Electrical Engineering (ICATEEE2025)*" held from December 10-11, 2025, at University of M'sila, Algeria" with a presentation entitled:

*Passive Sliding Mode Fault-Tolerant Control Approach for a Robotic arm with a Gripper*

Co-authors: Abderrahmen Bouguerra, Ismail Ghadbane, Housseyn Serai.



December 10-11, 2025, at University of M'sila, Algeria  
<https://media.univ-msila.dz/ICATEEE25/>



**Prof: Ismail GHADBANE**  
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