



# Certificate of Participation

This is to certify that:

**Houssam eddine Ghadbane**

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:

***Hardware-in-the-Loop of an Optimal Energy Management Strategy for Electric Vehicle Applications***

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<https://media.univ-msila.dz/ICATEEE25/>



**Prof: Ismail GHADBANE**  
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