

The First National Conference on Renewable Energies and Advanced  
Electrical Engineering (NC-REAAEE'25)



May 06-07<sup>th</sup>, 2025  
University of M'Sila  
Faculty of Technology  
Electrical Engineering Laboratory (LGE)



*CERTIFICATE Of PARTICIPATION*

This Certificate is Awarded to:

***CHABIRA Chaima***

for presenting a paper entitled: **Leaks Detection in WDNs Using Pressure Signals Based on CWT and CNN**

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Conference Chair

Dr. Abderrahim AEMDINIT

