

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



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University of M'Sila
Faculty of Technology
Electrical Engineering Laboratory (LGE)



CERTIFICATE Of PARTICIPATION

This Certificate is Awarded to:

Khaled Belhouchet

for presenting a paper entitled: **Advanced FEM Simulation of Photovoltaic Cell Characteristics Using COMSOL Multiphysics**

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Conference Chair

Dr. Abderrahim ZEMMIT

