

MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH

University of 20 Août 1955 Skikda

FACULTY OF TECHNOLOGY

Electrical Engineering Department

Automatic Laboratory Skikda



Certificate of Participation

The Organizing Committee Chair of the

International Conference on Technological Advances in Electrical Engineering

ICTAEE'23, May 23-24, 2023, Skikda, **Algeria**

Certify That **Sabrina Meddah** Has actively participated in the oral session by presenting
Entitled: “**Modeling and interaction analysis of Axial-torsional vibrations in the
drillstring system**”.

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