

People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
University Abdelhamid Ibn Badis Mostaganem
Faculty of Science and Technology



Certificate of Participation

Proudly Presented to

BOUGUERRA ZAKARYA

Who has successfully participated on the
Workshop on Durability and Advanced Technologies,
May 21-22, 2024 Mostaganem/Algeria

With the paper entitled

**Examining the Structural, Electronic, and optical properties of cubic perovskites
PbTiO₃ using the First-Principles Calculations**

Co-authors : Hamza BENNACER, Abdelkader BOUKORTT.

Workshop Coordinator

Dr. I.S. ABDELLEZ

