



الجمهورية الجزائرية الديمقراطية الشعبية  
الملتقى الوطني الثامن حول كهرومغناطيسية

**8th National Colloquium on Inductics:  
University-Industry**

**November 17-18, 2024, M'Sila-Algeria**



Ref : Id-024

## *Certificate of participation*

This is to certify that: **Mr Tawfiq BEGHRICHE**

Has participated in the **National Conference (8th National Colloquium on Inductics: University-Industry)**  
held on November 17-18, 2024, M'Sila-Algeria and presented a paper (**Poster session**) entitled:

**An innovative CNN-SVM hybrid model for enhanced diabetic retinopathy detection**

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The General Chairs  
Dr. Hemza MEKKI