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IMINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH  
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كلية العلوم والتكنولوجيا  
FACULTY OF SCIENCES AND TECHNOLOGY



# CERTIFICATE OF PARTICIPATION

2024 ICTIS

DJELFA, ALGERIA ON DECEMBER 14-15, 2024

THIS TO CERTIFY THAT  
**El-Hadi MEFTAH**

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Has successfully presented a paper entitled: **Innovative Wireless Solutions for Real-Time ECG Monitoring:  
Leveraging BLE, Wi-Fi, and LoRa Technologies**

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at the 2024 International Conference on Telecommunications and  
Intelligent Systems (ICTIS)



**Dr Abdelhalim RABEHI**  
GENERAL CHAIR

