



# CERTIFICATE OF PARTICIPATION

**TMREES INTERNATIONAL CONFERENCE**  
TECHNOLOGIES AND MATERIALS FOR RENEWABLE ENERGY,  
ENVIRONMENT AND SUSTAINABILITY

— THIS DIPLOMA IS PROUDLY PRESENTED TO —

Abbas Maher Mhayyal, Rasha Hamid Ahmed and N. K. Hassan

Influence of Spray Cycles on the Structural and Optical Properties of ZnO-CuO  
Nanocomposite Thin Films Synthesized by Spray Pyrolysis

**Speaker: Nadim Khalid Hassan**

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*In recognition of valuable participation and presentation at the  
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