



People's Democratic Republic of Algeria  
Ministry of Higher Education and Scientific Research  
University of Ziane-Achour Djelfa  
Faculty of Exact and Computer Sciences  
Department of Matter Sciences



# CERTIFICATE OF PARTICIPATION

N°: CP-0100

THIS IS TO CERTIFY THAT

**Djelel kherifi**

**PARTICIPATED IN THE FIRST NATIONAL CONFERENCE ON MATTER SCIENCES**

**NCSM2023 (Presential and online) 20 DECEMBER 2023 DJELFA-ALGERIA** with **On Line** communication entitled:

**Mechanical and physicochemical characteristics of natural  $\text{Ca}_{10}(\text{PO}_4)_6(\text{OH})_2$  dopped sodium silicate.**

**Dr. AISSAUI Regadla**  
President of The  
First National Seminar  
NCSM 2023

**NCSM 2023**  
20 DECEMBER DJELFA-ALGERIA

