



University of Mohamed Boudiaf-M'sila

LMMS Laboratory of Materials and Mechanical Structures LMMS



"Civil & Mechanical Engineering" Doctoral Study Days-CMEDSD'24

## CERTIFICATE OF PARTICIPATION

This certificate is given to

PhD Hanane Zadri, N. Tebbal, Z. Rahmouni, M. Maza

In recognition and appreciation of research contribution to  
CMEDSD'24; held on October, 30-31th 2024 in the Technology  
Faculty - Mohamed Boudiaf University of M'sila.

His Oral session entitled:

« *Exploring alkali-activated aluminosilicate materials as  
sustainable alternatives: A view of activation processes  
depending on the calcium present in the system* »

Chair of the organization committee

