



People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
University of Echahid Hamma Lakhdar, El-Oued



Faculty of Exacts Sciences

The first national Seminar on **Green Chemistry and Natural Products (GCNP'22)**

CERTIFICATE OF PARTICIPATION

This Certifies That

Allali Djamel

Presented a **oral** communication at the First national Seminar on **Green Chemistry and Natural Products (GCNP'22)**, organized from **March 14-15, 2022** at the University of Echahid Hamma Lakhdar, El-Oued, entitled:

Electronic and optical properties of the SiB_2O_4 (B = Mg, Zn, and Cd) spinel oxides: An ab initio study

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GCNP'22 Chairman



Dr. Ammar ZOBEDI