

The First International Seminar on Chemical Process and Environment 14-15 March 2023

The services is the

University of Biskra, Algeria

## CERTIFICATE

OF PARTICIPATION

ID: WT005

## This is to certify that

Abderezak Guemache

Has participated and presented the paper entitled:

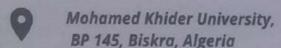
Heterogeneous phase adsorption of carmine, phenolphthalein and eosin dyes on activated carbon and natural clay, experiments, characterization and physical interpretations

## in The 1st INTERNATIONAL SEMINAR ON CHEMICAL PROCESS & ENVIRONMENT

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