

CERTIFICATE OF ATTENDANCE

This is to certificate that,

HELLALI LALLOUANI

attended the 1st National Conference of Thermal Engineering
on Renewable and Conventional Processes (NCTE'22), on October 25-26, 2022,
held at the University of Batna 2, Algeria.

HELLALI LALLOUANI presented the paper entitled: "**Control of Double Stator
Induction Machine Fed by Two Voltage Source Inverters by Direct Torque
Control using Fuzzy Logic**"

Co-authored by **Gholam Allah Boukhalfa, Oussama Moussa, Saad Belhamdi and
Boubir Messaoud**

Head of NCTE'22

Chairman

Pr. SIAMEUR Mohamed

