



# CERTIFICATE

OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO :

**Buğra ER**

participated in the 8TH INTERNATIONAL "BAŞKENT" CONGRESS ON PHYSICAL, ENGINEERING, AND APPLIED SCIENCES on February 04-06, 2023 and orally presented the paper entitled **"INVESTIGATION OF ELECTRICAL ANGLE OF HALL SENSOR IN INNER ROTOR AND OUTER ROTOR BRUSHLESS DC MOTORS"**

Spc. Leyla ADANMIŞ  
Organization Committee Member

Prof. Dr. Revan D. MAN  
President of Organization Committee



Given this on February 04-06, 2023 at Ankara, Turkey.