







Università isü istinye universitesi Ging€nium Springer Scopus (Cotonia is Cotonia is



## CERTIFICATE

## OF PARTICIPATION

This certifies that

**Mahtab Uddin** 

has participated and presented a paper entitled:

**Optimal Control Problem and Its Application in COVID-19 Transmission Dynamics** 

> at the 3<sup>rd</sup> International Conference on Advanced Engineering, Technology, and Applications, held at the University of **Catania**, **Italy** on May 24-25, 2024.

> > Dr. Alessandro Ortis

**General Chair**