



# CERTIFICATE

## OF INTERNSHIP



THIS CERTIFICATE IS AWARDED TO

MUHAMMAD NAUMAN HASHIR

on successful completion of Summer 2025 Internship  
from 16-06-2025 to 16-08-2025 on  
Project Automated Gesture & Phonics Recognition and Assessment System (AI)  
and covered Video Stream, Mediapipe, Temporal Convolutional Network(TCN)

Dr Sidra Sultana  
Assistant Professor (SECS)  
Software Modelling and Verification  
SMV Lab, SINES, NUST

Dr Nazia Perwaiz  
Assistant Professor (SECS)  
Co Founder & CEO (Murabbi)  
SMV Lab, SINES, NUST

06-09-2025

Issue Date