

# GRAPH NEURAL NETWORKS FOR MODELING TEMPORAL EVOLUTION

By

Muhammad Ali Zeb

(CS420212002)

Ph.D. Candidate

Supervisor – I: Dr. Muhammad Irfan Uddin

Institute of Computing  
KUST, Kohat \_\_\_\_\_

Signature

Supervisor – II: Dr. Muhammad Shafiq

Institute of Numerical Sciences  
KUST, Kohat \_\_\_\_\_

Signature

Director – IoC: Prof. Dr. Shafiullah Khan

Institute of Computing  
KUST, Kohat \_\_\_\_\_

Signature



**Institute of Computing**

**Kohat University of Science and Technology Kohat-26000  
Khyber Pakhtunkhwa, Pakistan**