

**KWARA STATE UNIVERSITY, MALETE**

***The Green University for Community Development and Entrepreneurship***

**Faculty of Information and Communication Technology**

**DEVELOPMENT OF INTRUSION DETECTION SYSTEMS USING CONVOLUTINAL NEURAL NETWORK AND K-NEAREST NEIGBHOR ALGORITHM**

By

**AFOLAYAN JOHN ADEDAMOLA**

**19/47CS/00965**

**SEPTEMBER 2023**

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**A RESEARCH PROJECT SUBMITTED TO THE DEPARTMENT OF COMPUTER SCIENCE, FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY, KWARA STATE UNIVERSITY, MALETE,**

**IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR THE AWARD OF BACHELOR OF SCIENCE (B.Sc.) DEGREE IN COMPUTER SCIENCE).**

**SEPTEMBER 2023**

**CERTIFICATION**

This is to certify that the research project titled “**DEVELOPMENT OF INTRUSION DETECTION SYSTEM USING CONVOLUTIONAL NEURAL NETWORK AND K-NEAREST NEIGBHOR ALGORITHM**” was carried out by “**AFOLAYAN ADEDAMOLA JOHN**”. The project has been read and approved as meeting the requirements for the award of Bachelor of Sciences (B.Sc.) Degree in the Department of Computer Science, Faculty of Information and Communication Technology, Kwara State University, Malete.

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**DR. S.O. ABDULSALAM DATE**

**(SUPERVISOR)**

**…………………………… ……………………………**

**DR. (MRS) R.S. BABATUNDE DATE**

**(HEAD OF DEPARTMENT)**

**…………………………… ……………………………**

**EXTERNAL EXAMINER DATE**