

# AN IMPROVED SIR MODEL WITH REALISTIC ASSUMPTION

*BY*

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16/56EB050

A PROJECT SUBMITTED TO THE DEPARTMENT OF  
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IN PARTIAL FULFILMENT OF REQUIREMENTS FOR THE  
AWARD OF BACHELOR OF SCIENCE (*B.Sc.*) DEGREE IN  
MATHEMATICS.

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## CERTIFICATION

This is to certify that this project was carried out by **AYANDOKUN, Ayomide Dolapo** with matriculation number **16/56EB051** and approved as meeting the requirement for the award of Bachelor of Science (B.Sc) Degree in Mathematics in the Department of Mathematics, Faculty of Physical Sciences, University of Ilorin, Ilorin, Nigeria.

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