EPIDEMIC MODEL - SIR EQUATION

A project submitted to the Bharathiar University in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

NAME	REG.NO
AARTHI SRI. S	18UMAT001
ABIRAMI. R	18UMAT002
AKSHAYA. N	18UMAT003
ANITHA. B	18UMAT004
ARCHANA. R	18UMAT005

Under the Guidance and Supervision of Dr.D.SIVAKUMAR,M.Sc.,M.Phil.,M.C.A.,Ph.D.,

Associate Professor

Department of Mathematics

DBT STAR COLLEGE SCHEME

KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)



Affiliated to Bharathiar University, Coimbatore Re- accredited by NAAC An ISO 9001:2015 Certified Institution Nanjanapuram, Erode-638 107



MARCH - 2021



CERTIFICATE

This is to certify that the project entitled, "EPIDEMIC MODEL -SIR EQUATION" submitted to the Bharathiar University, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS is a record of work done by AARTHI SRI. S, ABIRAMI. R, AKSHAYA. N, ANITHA. B and ARCHANA. R during the period 2018-2021 of our study in the Department of Mathematics, Kongu Arts and Science College(Autonomous), Erode, under my supervision and guidance and the project has not performed the basis for the award of any Degree / Diploma / Associateship / fellowship or similar title to any candidate of any University.

Countersigned

Place: Erode

Date: 27.05.2021

Signature of the Guide

ASSOCIATE PROFESSOR OF MATHEMATICS

Kongu Arts and Science College,

(Autonomous) ERODE - 638 107

HEAD OF THE DEPARTMENT Head of the Department,

Head of the Department, Department of Mathematics,

Kongu Arts and Science College,

Erotie - 638 107

PRINCIPAL PRINCIPAL,

KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

NANJANAPURAM, ERODE - 638 107.

Submitted for the End Semester Viva-Voce Examination held on 30.3,202

INTERNAL EXAMINER

SSOCIAGE CLOTAGE OF ANATHEMATICS

Kongu Arts and Science College, (Autonomous)

ERQDE - 638 107.

EXTERNAL EXAMINER

YDV. V. PUMPALASHA)