

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**KONGU ENGINEERING COLLEGE**

(Autonomous)

PERUNDURAI, ERODE – 638060

APRIL 2021

**DECLARATION**

I affirm that the Project Report titled **DESIGN AND OPTIMIZATION OF DUAL LAYER METASURFACE METAMATERIAL ANTENNA USING MACHINE LEARNING TECHNIQUES WITH GAIN ENHANCEMENT** being submitted in partial fulfillment of the requirements for the award of Bachelor of Engineering is the original work carried out by us. It has not formed the part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Date: 19/4/21

*R. Shivarajini*  
**R.SHIVARANJANI**

(17ECR192)

*Siva N*  
**E.SIVANANDHINI**

(17ECR195)

*N.V.S. Balaji*  
**N.V.SHARAN BALAJI**

(17ECR191)

I certify that the declaration made by the above candidate is true to the best of my knowledge.

Date: 19/4/21

*J. J. Vijayalakshmi*  
Name & Signature of the supervisor with seal

*J. J. Vijayalakshmi*  
ASP / ECE