

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**KONGU ENGINEERING COLLEGE**

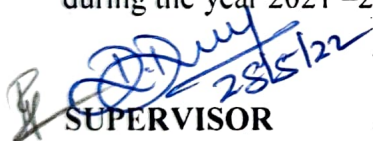
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**PERUNDURAI – 638060**

**MAY 2022**

**BONAFIDE CERTIFICATE**

This is to certify that the project work II report entitled **NMSE CHANNEL ESTIMATION IN MU-MIMO SYSTEM USING COVARIANCE MATRIX SUBSPACE REDUCTION TECHNIQUE** is the bonafide record of project work done by M.JIVADHARSHINI (18ECR070), S.LAKSHA (18ECR085), P.JOHIKRISHNA (18ECR071), in partial fulfilment of the requirements for the award of the Degree of Bachelor of Engineering in ELECTRONICS AND COMMUNICATION ENGINEERING of Anna University, Chennai during the year 2021 –2022.

  
28/5/22

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**Date:** 31.05.2022

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**INTERNAL EXAMINER**



**EXTERNAL EXAMINER**