DEPT. OF ELECTRONICS & COMMUNICATION ENGG

CERTIFICATE

THIS IS TO CERTIFY THAT THE PROJECT ENTITLED

HYBRID BEAMFORMING FOR 5G AND COGNITIVE RADIOS

IS THE BONAFIDE WORK OF

MARIAM (17251D3801)

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF DEGREE OF MASTER OF TECHNOLOGY IN DIGITAL ELECTRONICS AND COMMUNICATION ENGINEERING DURING THE YEAR 2018-2019

HEAD, ECE DEPARTMENT Dr. B. VENKATESHULU

Ç mad

INTERNAL GUIDE Mrs. M. MADHURI LATHA Asst. Professor, ECE Dept.

S. Mamathe 18/1/2020

EXTERNAL EXAMINER