



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)
(For Women)

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CERTIFICATE

Date: 04/12/2021

This is to certify that the Major Project report entitled "Energy-Efficient Hybrid Precoding for Mm-Wave MIMO Systems with Large Antenna Arrays", that is being submitted by B. NAVYASRI with Roll no. 19251D6503 in partial fulfillment of the award of M. Tech in Wireless and Mobile Communications, to the Jawaharlal Nehru Technological University, Hyderabad is a record of bonafide work carried out by her under our guidance and supervision in the academic year 2020-2021.

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