## G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE



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## **CERTIFICATE**

Date: 20, June 2020

This is to certify that the Mini Project report entitled "PERFORMANCE OF QAM SYSTEM WITH CONVOLUTIONAL CODES", that is being submitted by K. Pranathi with Roll no.19251D6508 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 2019- 2020.

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