



# G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (AUTONOMOUS)

(For Women)

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## CERTIFICATE

Date: 07/04/2022

This is to certify that the project report entitled “CHANNEL ESTIMATION IN LARGE INTELLIGENT SURFACES ASSISTED MMWAVE MASSIVE MIMO SYSTEMS”, that is being submitted by **Udataneni Divya** with Roll no. **20251D6508** 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 **2021-2022**.

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