

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



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**CERTIFICATE**

This is to certify that the project report entitled **SIGN LANGUAGE RECOGNITION AND SPEECH TRANSLATION USING CONVOLUTIONAL NEURAL NETWORK** is bonafide work done by

Indu Bhukya – 18251A1264

Ch Bindusha – 18251A1267

Devabhakthini Varshini – 18251A1269

V K Manasa – 18251A12B2

Under the guidance of **Asst. Prof. T. Aparna**, during **Sept-2021 to June-2022**, in partial fulfilment for the award of degree in B.Tech in Information Technology, from G.Narayanamma Institute of Technology and Science.

T. Aparna, Asst. Prof.  
**Internal Guide**

Dr. I. Ravi Prakash Reddy  
**Head of the Department**