## G. NARAY ANAMMA INSTITUTE OF TECHNOLOGY& SCIENCE (For women)

## Autonomous

## Department of Electrical and Electronics Engineering



## **CERTIFICATE**

This is to certify the mini project entitled "SIMULATION OF LI-ION BATTERY POWERED CLOSED LOOP SPEED CONTROL OF BLDC MOTOR USING PI CONTROLLER" is being submitted by B. DHARANIJA (21251D5402) in partial fulfilment for the award of M. Tech in Power Electronics and Electric Drives to the Jawaharlal Nehru Technological University, Hyderabad is a record of bonafide work carried out by her under guidance and supervision. The results embodied in this thesis have not been submitted to any other University or Institution for the award of any degree or diploma

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