

HYDERABAD - 500 104, Telangana, INDIA

AUGUST-2022

**G. NARAYANAMMA INSTITUTE OF TECHNOLOGY AND  
SCIENCE**

(For women) Autonomous

Department of Electrical and Electronics Engineering



**CERTIFICATE**

This is to certify the mini project entitled "A Hybrid PV-Battery, Supercapacitor System and a Basic Active Power Control Proposal" is being submitted by R. Haveela e joycy (21251D5409) in partial fulfilment for the award of M. Tech in Power Electronics and Electric Drives to the Jawaharlal Nehru Technological University 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

Project Supervisor

*N. Malla Reddy*  
Dr. N. MALLA REDDY  
Professor & HOD, Dept. EEE

Head of the Department EEE

*N. Malla Reddy*  
Dr. N. MALLA REDDY

*[Signature]*  
PRINCIPAL