

CERIFICATE

It is certified that the work contained in the project report titled '4 quadrant DC motor speed control with microcontroller system' by Trimendra Yadav (1950305002), Aishwarya Singh(1810305005), Nadeem Ahmed (1950305001) has been carried out under my supervision and that this work has not been submitted elsewhere for a degree.



Signature of Supervisor

Mr. Arun Kumar Gangwar

Assistant Professor of Electrical Department

Invertis Institute of Engineering and Technology

JULY 2022



Invertis University
Bareilly