

AUTOMATIC SPEED AND DIRECTION CONTROL OF INDUCTION MOTOR THROUGH PLC AND VFD

The project is about controlling the direction and speed of a three phase induction motor using variable frequency drive (VFD) through programmable logic controller (PLC). Programmable logic controller is an industrial controlling device and is used to automate machines and factory assembly lines. Main purpose of this project is to automate the three phase induction motor by controlling the inputs to variable frequency drive through PLC and therefore as a result the inputs to the induction motor will be changed and thus the direction and speed of induction motor will changed accordingly. VFD employed in this experiment is based on V/f method of speed control in which flux remain constant.

Our Certifications:

