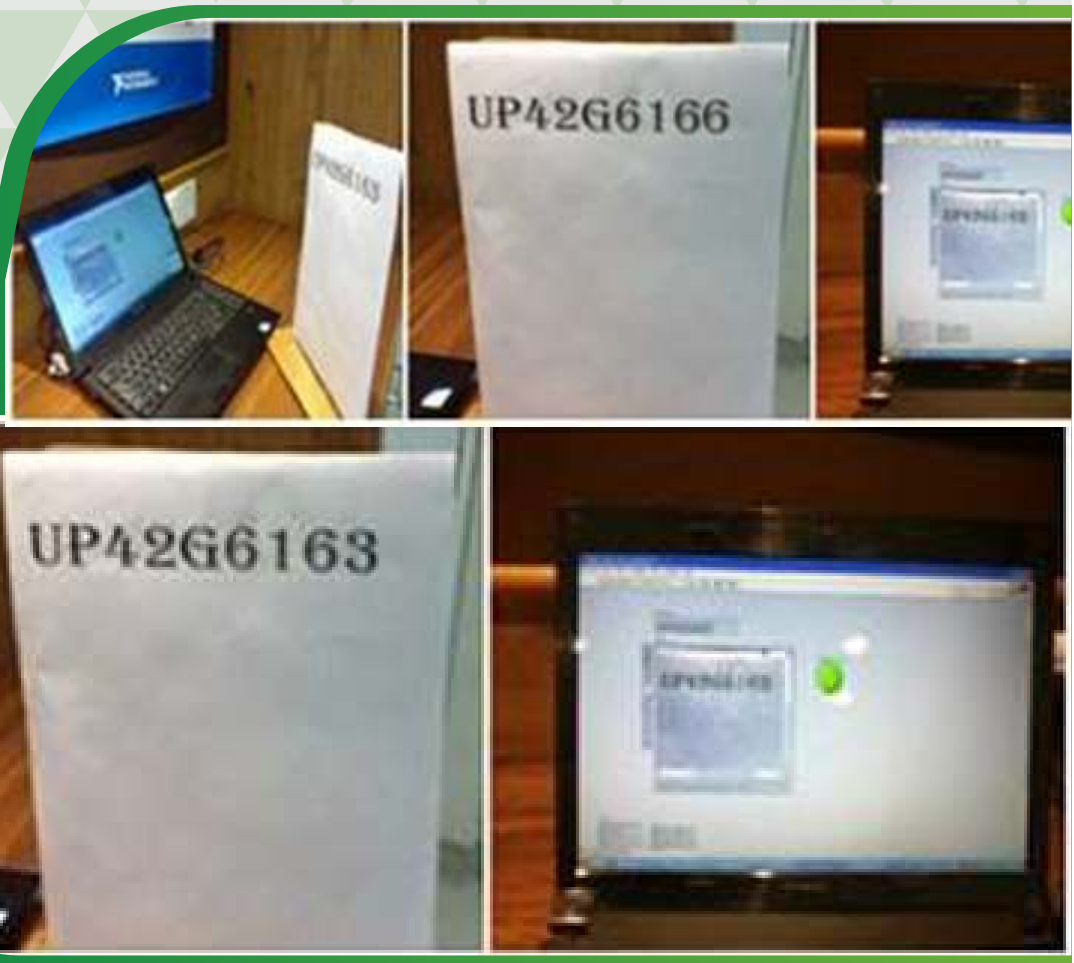
AKGEC-NI
LabVIEW Academy



Operation of DC motor through Voice Recognition System using LabVIEW

In this fast developing world of technology engineers keep on inventing new technology and exploring better techniques to further improve the present methodology. Electric motors as very well known plays a very important role in many engineering applications. Engineers always search for an efficient and easy way to control these motors. The techniques of controlling these motors are plenty, among which is the sound. This project aims to control the speed and the direction of rotation of a DC motor through speech which is one of the natural forms of communication. The programming of this project will be done in LabVIEW which provides a graphical programming environment using intuitive graphical icons instead of writing lines of text. The DAQ NI USB6009 will act as interfacing equipment between the hardware and the personal computer. This project is mainly developed with an aim to reduce the need for human intervention, cost, space and time.