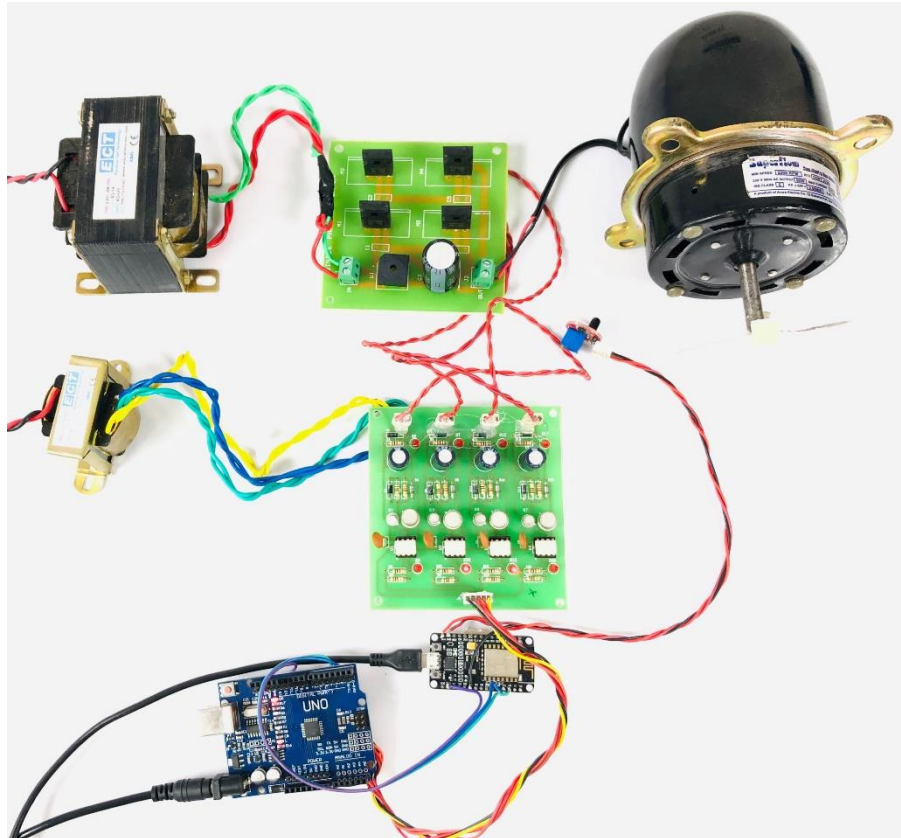


## 2017 Projects and Design projects (IRACC)

### **Speed control of BLDC Motor using NEURAL Network**

The project proposes a control scheme of a neural network for the brushless direct current (BLDC) permanent magnet motor drives. The neural network based PI controller is intended to track variations of speed references and stabilizes the output speed during load variations.



## Portable AC

The objective is to develop a Portable AC which makes use of an emerging and innovative technology- Magnetic Refrigeration which uses a unique property known as magneto caloric effect. The simulation of the prototype has been done AUTODESK and MATLAB.

