

ELC Activity – Electrical Engineering

(2018 - 19)

The Motor Winding activity was conducted on *3rd & 4th April 2019* for **4th Semester Electrical students** from 9am to 5pm in two groups.

Electric motors are the single most important device for motion. Electric motors require a knowledge of electricity, magnetism and interplay between them. To give you a better understanding of electric motors we are giving you an opportunity to unwind the armature of a DC motor and subsequently rewind it. This activity will be divided into four parts:

1. Disassemble the DC motor.
2. Unwind the armature.
3. Rewind the armature.
4. Reassemble the motor.

Before unwinding a motor ensure you take proper notes, videos and pictures that will assist you during rewinding process.

Before connecting to power supply, to run your motor, ensure that you have properly wound the armature and the rotor is freely rotating.

CAUTION!
MACHINE HAS NO BRAIN
USE YOUR OWN

The snapshots are as follows:





