# CMR College of Engineering & Technology

*(UGC Autonomous)*

Kandlakoya , Medchal Road, Hyderabad 501401

## Centre for Engineering Education & Research (CEER)

# BIONIC ARM

### Project objective

The main aim of our project is to develop a BIONICARM which helps Handicaped people to do their basic works.

### Existing solutions

1.Body-powered prosthetics

2.Myoelectric prosthetics

3.Exoskeletons

### Identification of problem

**GROUP PHOTO:**

There are many people who are unhappy because of their handicaped arms. By making an bionic arm which helps in making their life a way better.

### Gaps in existing system

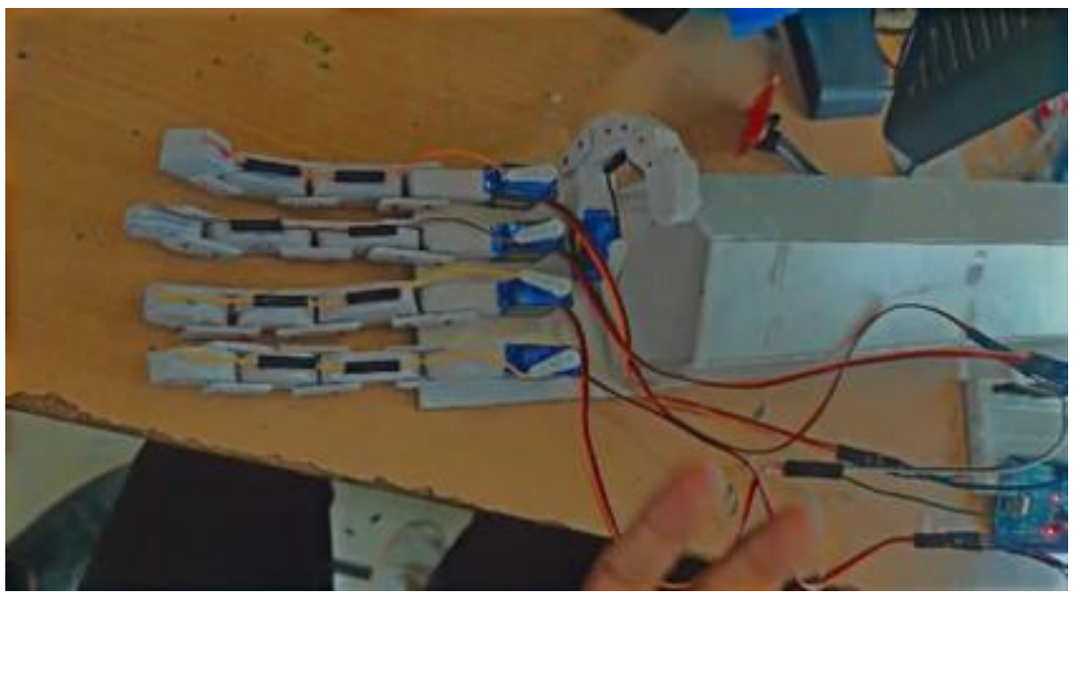
1.Exisiting solutions are of low functionality.

2.The cost of the current exisiting solutions is very high .

### Required materials

- Arduino UNO
- Bread Board
- EMG Sensor
- Servo Motors
- 9V Battery
- Electrodes

### Bussiness model



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