BMS Institute of Technology and Management

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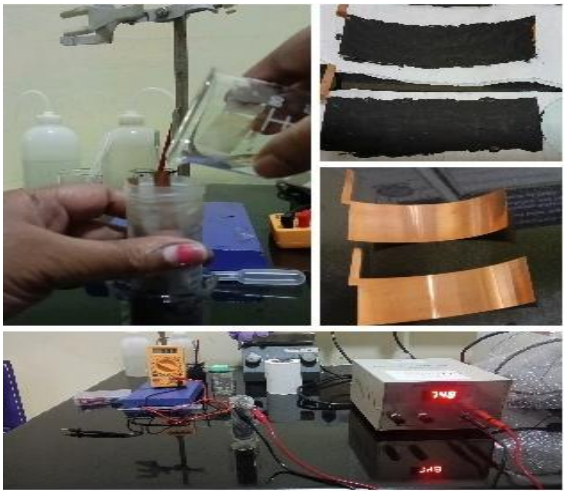
SDG- 7-Affordable and Clean Energy
Flexible, Affordable Super Capacitor Device Model

The demand in renewable energy impelled scientists to design efficient energy storage devices having superior power and energy densities. In this regard, super capacitors display enticing energy storage properties such as high power density, rapid charging/discharging rates and longer cyclic life in comparison with conventional batteries. The primary problem addressed in this study is to enhance the performance of super capacitor electrode materials by developing a cost-effective and efficient synthesis method for nanocomposites with high capacitance. So we started fabricating tiny flexible and affordable home made super capacitor Prototype/working model which can run the small motorized fan.