

## Ongoing projects

### Projects granted under UGC Minor in 2016:

- Low power & high speed memory design using nano MOSFETs in 22 nm technology  
Period: 2017 - 2019  
Funding agency: UGC  
Sanctioned amount: Rs 3,15,000  
P.I - Dr. Saradindu Panda, Dept. of ECE
- Optimization of bioprocesses for the production of biodiesel from refinery byproducts and its characterization  
Period: 2017 - 2019  
Funding agency: UGC  
Sanctioned amount: Rs 4,00,000  
P.I - Dr. Sumit Nandi, Dept. of BS&HU (Chemistry)
- Synthesis and characterization of nanofiller induced PVC – poly(alkyl acrylate) blends  
Period: 2017 - 2019  
Funding agency: UGC  
Sanctioned amount: Rs 3,00,000  
P.I - Dr. Rupa Bhattacharyya, Dept. of BS&HU (Chemistry)
- Absenteeism of engineering students: Problems and structural effects: A case study of West Bengal engineering colleges  
Period: 2017 - 2019  
Funding agency: UGC  
Sanctioned amount: Rs 2,90,000  
P.I - Dr. Sriparna Guha, Dept. of BA

### Projects granted under AICTE in 2017:

- FDP on Recent developments in artificial intelligence and robotics  
Period: Financial year 2017-2018  
Funding agency: AICTE  
Sanctioned amount: Rs 4,90,000

P.I - Dr. Saradindu Panda, Dept. of ECE

- RPS on Some studies on the design issues to improvement on efficiency in plasmonic based solar cell

Period: 2017 - 2020

Funding agency: AICTE

Sanctioned amount: Rs 14,94,118

P.I - Dr. Saradindu Panda, Dept. of ECE

- MODROBS on Upgradation of laboratory to embedded system and electronic design automation lab

Period: 2017 - 2019

Funding agency: AICTE

Sanctioned amount: Rs 9,09,700

P.I - Dr. Saradindu Panda, Dept. of ECE

### **Projects granted under DST in 2017:**

- QCA logic circuit design in application to healthcare device design and simulation

Period: 2017 - 2020

Funding agency: DST

Sanctioned amount: Rs 14,46,540

P.I - Dr. Kunal Das, Dept. of CSE