**Research projects in last 5 years**

* RPS on Reduction of stress under the use of music

Period: 2019 - 2022

Funding agency: AICTE

Sanctioned amount: Rs 8,00,000

P.I - Dr. Anilesh Dey, Dept. of ECE

* RPS on Biochip sensor design and implementation for health care and food processing application

Period: 2019 - 2022

Funding agency: AICTE

Sanctioned amount: Rs 12,53,000

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

* Advancement of the Infrastructural Facilities for Sustainable Development in Teaching and Research

Period: 2018 – 2023

Funding agency: DST-FIST

Sanctioned amount: Rs 45,00,000

P.I – Prof.(Dr) M. R Kanjilal, Principal, NIT

* 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

* 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

* 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

* To study the mechanism of intercalation of anthracycline drugs with DNA structure by molecular modeling, mechanics and dynamics : Mode of base pair unstacking.

Period: 2015 - 2017

Funding agency: UGC (Minor)

Sanctioned amount: Rs 2,20,000.

P.I - Dr. Indrani Sarkar, Dept. of Basic Science &Humanities (Physics)

* Studies on prebiotic and probiotic potential of oil seed meals.

Period: 2015 - 2017

Funding agency: UGC (Minor)

Sanctioned amount: Rs 3,78,000.

P.I - Dr. Sarbani Gangopadhyay, Dept. of Basic Science &Humanities (Chemistry)