

Ongoing projects:

- Electronic structure calculation of free and confined few body systems
Period: 2016-2021
Funding agency: CSIR
Sanctioned amount: Rs 2,33,138
P.I - Dr. Tapan Kumar Mukherjee, Dept. of Basic Science & Humanities (Physics)
- Effect of external environment on the spectroscopic properties of atomic and exotic systems: Theory and experiment.
Period: 2014 - 2017
Funding agency: Department of Atomic Energy – BRNS
Sanctioned amount: Rs 17 lakhs.
P.I - Dr. Tapan Kumar Mukherjee, Dept. of Basic Science & Humanities (Physics)
- 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)