

Completed projects:

- 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 16,26,500.
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)
- Bound and resonance states of two electrons ions under plasma: theoretical and experimental investigation.
Period: 2011 - 2014
Funding agency: Department of Atomic Energy – BRNS
Sanctioned amount: Rs 20,68,000.
P.I - Dr. Tapan Kumar Mukherjee, Dept. of Basic Science & Humanities (Physics)
- Effect of laser plasma on doubly excited states of two electron systems and its applications in plasma diagnostics.
Period: 2008 - 2011
Funding agency: Department of Atomic Energy – BRNS
Sanctioned amount: Rs 8,59,250.
P.I - Dr. Tapan Kumar Mukherjee, Dept. of Basic Science & Humanities (Physics)

- Women employment and women empowerment in information technology industry in 21st century: A case of West Bengal.
Period: 2012 - 2014
Funding agency: UGC (Major)
Sanctioned amount: Rs 7,44,700.
Co P.I - Dr. Sriparna Guha, Dept. of Business Administration.
- Hanoff Analysis in WLAN – GPRS Integrated Network.
Period: 2010 - 2012
Funding agency: AICTE
Sanctioned amount: Rs 2,50,000.
P.I - Mr. Sajal Saha, Dept. of Computer Application.