



### Research Grants

| Sl. No. | Title of the Project, Name of PI  | Sponsoring agency (UGC, DST, AICTE etc.)  | Amount, Rs.in lakhs | Status    |
|---------|---|---|---------------------|-----------|
| 1       | Bound and resonance states of two electrons ions under plasma: theoretical and experimental investigation. (Research Project)<br>PI: Dr. Tapan Kr. Mukherjee          | Department of Atomic Energy(DAE)<br>Board of Research in Nuclear Science (BRNS) | Rs.<br>20,68,000/-  | Completed |
| 2       | Effect of laser plasma on doubly excited states of two electron systems and its applications in plasma diagnostics. (Research Project)<br>PI: Dr. Tapan Kr. Mukherjee | Department of Atomic Energy(DAE)  | Rs.<br>8,59,250/-   | Completed |

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| 3 | Women employment and women empowerment in information technology industry in 21 <sup>st</sup> century: A case of West Bengal.<br>PI: Dr. S. Guha  | UGC  | Rs.<br>7,44,700/- | Completed |
| 4 | Hand off analysis in WLAN-GPRS integrated network Research Promotion Scheme (RPS)<br>PI: Mr. Sajal Saha   | AICTE                                      | Rs.<br>2,50,000/- | Completed |
| 5 | Effect of external environment on the spectroscopic properties of atomic and exotic systems: Theory and experiment. (Physics)<br>PI: Dr. Tapan Kr. Mukherjee                              | Department of Atomic Energy(DAE)<br>– BRNS | Rs.<br>16,26,500/ | Completed |
| 6 | To study the mechanism of intercalation of anthracycline drugs with DNA structure by molecular modeling, mechanics and dynamics : Mode of base pair unstacking.<br>PI: Dr. Indrani Sarkar | UGC (Minor)                                | Rs 2,20,000/-     | Completed |
| 7 | Studies on prebiotic and probiotic potential of oil seed meals.<br>PI: Dr. Sarbani Ganguly  | UGC (Minor)                                | Rs.<br>3,73,000/- | Completed |
| 8 | Low power & high speed memory design using nano MOSFETs in 22 nm technology. (ECE).<br>PI: Dr. Saradindu Panda  | UGC (Minor)                                | Rs.3,15,000/-     | Completed |
| 9 | Optimization of bioprocesses for the production of biodiesel from refinery byproducts and its characterization. (Chemistry).<br>PI: Dr. Sumit Nandi                                       | UGC (Minor)                                | Rs 4,00,000/-     | Completed |

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| 10 | Synthesis and characterization of nanofiller induced PVC – poly(alkyl acrylate) blends. (Chemistry).<br>PI: Dr. Rupa Bhattacharyya               | UGC (Minor) | Rs 3,00,000/- | Completed |
| 11 | Absenteeism of engineering students: Problems and structural effects: A case study of West Bengal engineering colleges.<br>PI: Dr. Sriparna Guha | UGC (Minor) | Rs 2,90,000/- | Completed |

### Other major project grants

| Sl. No. | Type of Project, Name of PI                                      | Sponsoring agency (UGC, DST, AICTE etc.) | Amount, Rs.in lakhs | Status    |
|---------|--|--|---------------------|-----------|
| 1       | MODROBS (IT)<br>PI: (Dr.) Bidyut Kumar Medya                     | AICTE                                    | Rs.<br>11,00,000/=  | Completed |
| 2       | MODROBS (ECE)<br>PI: Mr. Chira Ranjan Datta                      | AICTE                                    | Rs.<br>14,60,000/=  | Completed |
| 3       | MODROBS (ECE)<br>PI: Dr. Maitreyi Ray (Kanjilal)                 | AICTE                                    | Rs.<br>7,00,000/=   | Completed |
| 4       | MODROBS (ECE)<br>PI: Dr. Maitreyi Ray (Kanjilal)                 | AICTE                                    | Rs.<br>15,00,000/=  | Completed |
| 5       | MODROBS (EE)<br>PI: Prof. Amlan Chakrabarti                      | AICTE                                    | Rs.<br>11,10,000/=  | Completed |
| 6       | Faculty Development Programme FDP (EE)<br>PI: Mrs. Debasree Saha | AICTE                                    | Rs.<br>2,55,000/=   | Completed |
| 7       | SEMINAR GRANT (EE)<br>PI: Prof. Amlan Chakrabarti                | AICTE                                    | Rs.<br>1,00,000/=   | Completed |
| 8       | Sun Tracker<br>PI: Prof. Amlan Chakrabarti                       |  | Rs. 20,000/-        | Completed |
| 9       | Faculty Development Programme FDP (ECE)<br>Dr. Saradindu Panda   | AICTE                                    | Rs 4,90,000         | Completed |
| 10      | MODROBS (ECE)<br>Dr. Saradindu Panda                             | AICTE                                    | Rs 9,09,700         | Completed |
| 11      | Short term training programme (STTP)<br>Dr. Biman Mukherjee      | AICTE                                    | Rs 3,40,000         | Completed |