



APPENDIX - 5

Sponsored/Supported R & D Projects

₹ (in Lakhs)

Sr. No.	Title of the Project	Agency/Client	Amount Received
1	Morphological study of polar region ionosphere with special emphasis on space weather events	Department of Space (DOS), Bangalore	25.73
2	A study of adaptive spherical lens using nematic liquid crystal for defence applications	DRDO, New Delhi Directorate of Extramural Research & Intellectual Property Rights (ER&IPR),	11.10
3	Preparation of energy sector GHG Emission Inventory and assessment of heat stress vulnerability under future climate change scenarios in India	CSIR, CCMMS, Centre for Mathematical Modelling and Computer Simulation, NAL Belur campus, Bangalore	6.37
4	Preparation and characterization of silicon for solar energy applications	Department of Science & Technology (DST), New Delhi	30.16
5	Development of gold micro-electrode array with nanometer size opening for use in biosensor at physiological conditions	Department of Biotechnology (DBT), New Delhi	3.75
6	Advancing the Efficiency and Procuction Potential of Excitonic Solar Cells (APEX)	DST, New Delhi	185.00
7	Development of continuous nanofibers by electro-spining	DST, New Delhi	15.00
8	Band gap engineering of nanophosphors for use in energy saving lighting applications	DST, New Delhi	13.90
9	Superconductivity of pure and doped FeAs and FeSe systems (Under Fast Track Scheme for Young Scientists)	DST, New Delhi	7.10
10	Recommended standard practices in the field of static force, pressure & torque metrology (under USERS Scheme)	DST, New Delhi	3.45
11	J C Bose National Fellowship	DST, New Delhi	13.60
12	Ramanna Fellowship	DST, New Delhi	13.40
13	Development of hybrid electroluminescent materials and low power driven lamps (Women Scientist Scheme)	DST, New Delhi	2.50
14	A novel way to reduce platinum metal loading in a carbon nano-composite electrode to produce low cost-high efficiency commercialy viable Polymer Electrolyte Membrane (PEM) fuel cells	DST, New Delhi	12.00
Total			343.06

