



Ramakrishna Mission Residential College (Autonomous)

Vivekananda Centre for Research

Ramakrishna Mission Ashrama

(A Branch Centre of Ramakrishna Mission, Belur Math, Howrah-711202)

Narendrapur, Kolkata - 700 103, West Bengal, India

A Scientific Industrial Research Organisation, Recognised by DST, Govt. of India

College with Potential for Excellence (CPE), Re-accredited by NAAC - 'A' (CGPA 3.56 out of 4)

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Narendrapur

List of Teachers and departments having project in last 5 years

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/N on- Government)	Department of Principal Investigator/ Co Investigator	Year of Award
New Synthetic Molecular Containers for Recognition and Extraction of Atomic Substrates	Dr. Indrajit Saha	Science and Engineering Research Board (SERB)	Government	Chemistry	2019
Inoization and capture cross sections for electron removal from atoms/bio-molecules by bare and dressed ion impact	Dr. Malay Purkait	Science and Engineering Research Board (SERB)	Government	Physics	2019
Fabrication of hybrid semiconductor quantum dot and perovskite solar cells	Dr. Sourav Chattopadhyay	Government of West Bengal, Department of Science & Technology and Biotechnology	Government	Computer Science	2019
R&D project entitled-Electrical loss processes induced by abre ion impact on biological target molecules and other molecules	Dr. Malay Purkait	Government of West Bengal, Department of Science & Technology	Government	Physics	2018
Coordination Complexes of Organic Radicals: syntheses, E- Ray Crystallography, EPR, Spectroscopy, redox Activity, DFT Calculations and Activation of Diatomic Molecules	Dr. Prasanta Ghosh	Science and Engineering Research Board (SERB)	Government	Chemistry	2018
R&D Project entitled-Synthesis of carbohydrate derived conformationally constrained carbocyclic and heterocyclic ring containing cis-B-Amino carboxylic acids and evaluation of biological properties	Dr. Joykrishna Maity	Higher Education, Department of Science & Technology and Biotechnology (Sci. & Tech.)	Government	Chemistry	2018
Coordination Complexes of Organic Radicals: syntheses, E- Ray Crystallography, EPR Spectroscopy, redox Activity, DFT Calculations and Activation of Diatomic Molecules	Dr. Prasanta Ghosh	Science and Engineering Research Board (SERB)	Government	Chemistry	2017



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Transition.....calculations	Dr. Prasanta Ghosh	University Grants Commission	Government	Chemistry	2017
WBDST-FIST	Dr. Prasanta Ghosh	Government of West Bengal, Department of Science & Technology	Government	Chemistry	2016
Minor Research Project in Science	Dr. Soumen Mondal	University Grants Commission	Government	Physics	2016
Interference and diffraction in fast bare ions colliding with atoms/molecules	Dr. Malay Purkait	Council of Scientific and Industrial Research	Government	Physics	2016
Transition metal complexes of redox active ligands: Synthesis, Spectra, X-Ray Structures, Redox series and DFT Calculations	Dr. Prasanta Ghosh	Science and Engineering Research Board (SERB)	Government	Chemistry	2015
Minor Research Project in Humanities & Social Sc	Dr. Narayan Dash	University Grants Commission	Government	Sanskrit	2015
Ionization of molecules by ion impact and the importance of correlations on charge transfer process at intermediate and high energies bare and dressed ion impact	Dr. Malay Purkait	Science and Engineering Research Board (SERB)	Government	Physics	2015
Study of magnetic oxide semiconductor quantum dot array for spin polarized light emitting diode	Dr. Sourav Chattopadhyay	Science and Engineering Research Board (SERB)	Government	Computer Science	2015

Swami Shastrajnananda

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Principal
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