

Major Research Projects

Project Title	PI / Co-PI	Funding Agency	Duration	Amount (Rs.)	Status
New polyfunctional ferrocene derivatives with N-substituted 3,5-diphenylpyrazolyl unit-potential ligands for palladium (II) and platinum(II)	Dr. Pradipta Kumar Basu (PI), <i>Assistant Professor of Chemistry</i>	Department of Science & Technology, Govt of India (SERC fast track scheme)	2009-2013	Rs. 17,92,200/-	COMPLETED (PI on transfer from Hooghly Mohsin College)
Study of the Sub-Himalayan Lower Cenozoic succession with special reference to the reconstruction of tectonosedimentary history of Subathu basin.	Dr. Prabir Dasgupta, (PI), <i>Associate Professor of Geology</i>	Ministry of Earth Science, Government of India (Sanction No: MoES/P.O. (Geosci)/3/2012, Dated 5.6.2013)	2013-2016	Rs 8,00,000/-	COMPLETED (PI on transfer from Presidency University)
Integrated Project on Conservation, Demonstration and Training on sustainable use of Medicinal Plants for up gradation of Livelihood of the poor families of backward classes in Bankati Gram Panchayat area, Burdwan District, West Bengal.	Dr. Debnath Palit (Co-PI), <i>Assistant Professor of Botany & HOD of Conservation Biology (2010-2014)</i>	Department of Science & Technology, Government of WB	2009-2012	Implemented at The University of Burdwan	COMPLETED
Ecological appraisal of pit lakes of Raniganj coal field (RCF), West Bengal, India: implications for conservation and sustainable use	Dr. Debnath Palit (PI), <i>Assistant Professor of Botany & HOD of Conservation Biology (2010-2014)</i>	Department of Science & Technology, Government of WB	2014-2017	Rs. 29,17,533/-	ON GOING
Sedimentation and sequence building of the Neoproterozoic Jodhpur Group, Rajasthan.	Dr. Pradip Samanta (PI), <i>Assistant Professor of Geology</i>	Department of Science & Technology, Government of India (SERC fast track scheme) vide No: SR/FTP/ES-03/2011 Dt. 16/02/2012	2012-2015	Rs. 18,55,000/-	COMPLETED
Mineralogy, Geochemistry and Geochronology of the Alkaline and peralkaline rocks of the Chandil formation: their	Dr. Aniket Chakraborty (PI), <i>Assistant Professor of Geology</i>	Department of Science & Technology, Government of India (SERC fast track scheme) Vide No.	2014-2017	Rs. 21,50,000/-	ON GOING (Transferred to Jalpaiguri Government Engineering College)

role and relation to the northern shaer zoneand crustal evolution		SR/FTP/ES-65/2013, dated 16.04.2014			
Study of alkaline-carbonatite complexes as potential resource for REEs, Nb-Ta and U-Th	Dr. Aniket Chakraborty (Co-PI), <i>Assistant Professor of Geology</i>	Science and Technology, Ministry of Mines, Govt of India	2015-2018	Impelemented at IIT-Roorkie	ON GOING (Transferred to Jalpaiguri Engineering College)
Eco-restoration of wetlands in Birbhhum district, West Bengal for sustainable use	Dr. Debnath Palit (PI), <i>Assistant Professor of Botany & HOD of Conservation Biology (2010-2014)</i>	Department of Environment, Government of WB	2010-2013	Rs. 4,60,000/-	COMPLETED

Minor Research Projects

Project Title	PI	Funding Agency	Duration	Amount (Rs.)	Status
Graphene- Metal Oxide Based Polymer Nanocomposite – A Study of Thermal and Flame Retarding Behaviour	Dr. Arup Kumar Ghosh, Associate Professor of Chemistry	UGC (ERO Project No. F.PSW-015/14-15)	03.02.15 - 02.02.2017	Rs. 3,00,000/-	Project Completed, Report and UCs will be submitted shortly
Education and self development	Dr. Bhumika Kanjilal, Assistant Professor of Philosophy	UGC (ERO Project No. PHW-017/14-15)	2015-2017	Rs. 3,00,000/-	ON GOING
Assessment of odonate diversity and abundance in relation to habitat heterogeneity and anthropogenic interventions in and around industrial areas of Durgapur, India	Dr. Utpal Singha Roy, Assistant Professor of Zoology	UGC (ERO Project No. PSW-013/14-15)	2015-2017	Rs. 3,00,000/-	ON GOING
Geochemical modeling & Provenance interpretation through mathematical simulation	Madhusudhan Garain, Assistant Professor of Physics	UGC (ERO Project No. PSW-016/13-14)	2014-2016	Rs. 300000/-	ON GOING (Transferred to GGDC, Ranibandh)
Fluvial processes, morphology and depositional behavior of Kunur River system, West Bengal: A study from source to sink	Dr. Subhajit Sinha, Assistant Professor of Geology	UGC (ERO Project No. PSW-014/14-15)	2015-2017	Rs. 400000/-	ON GOING (resigned from WBES)
The Anglo Indians of Asansol: A historical overview	Roshni Sen, Assistant Professor of History	UGC (ERO Project No. PHW-021/13-14)	2014-2016	Rs. 200000/-	COMPLETED (Transferred to GGDC, Mejia)
A Study on Indoor Air Pollution and its Impact on Human Health over the Selected Locale around the Industrial	Dr. Snigdha Mandal, Associate Professor of Chemistry	UGC (ERO Project No. PSW-011/11-12)	2011-2013	Rs. 1,43,000/-	COMPLETED

Area of Durgapur, West Bengal to find out Better Management Options					
Eco-friendly technology for restoration mined wastelands in Raniganj Colliery areas	Dr. Debnath Palit, <i>Assistant Professor of Botany & HOD of Conservation Biology (2010-2014)</i>	UGC (ERO) Project No. PSW-017/09-10	2009-2011	Rs. 93,500/-	COMPLETED
Ecological and limnological investigations on wetlands of Bankura District: implications for promoting sustainable management and wise use of wetlands	Dr. Debnath Palit, <i>Assistant Professor of Botany & HOD of Conservation Biology (2010-2014)</i>	UGC (ERO) Project No. PSW-008/12-13	2012-2014	Rs. 95,500/-	COMPLETED
Glimpses of India in Bengali travel accounts of the nineteenth and twentieth century: A few case studies	Saubhik Bandyopdhyay (PI), <i>Assistant Professor of History</i>	UGC (ERO) Project No. PHW-022/13-14)	2014-2016	Rs. 145000/-	ON GOING
Bramho female and the religious journey to a new faith: Conciliation or confrontation?	Nandini Jana (PI), <i>Assistant Professor of History</i>	UGC (ERO) Project No. PHW-020/13-14)	2014-2016	Rs. 180000/-	ON GOING
Thermodynamic and kinetic studies on reaction of Pt(II) complexes with biologically relevant nucleophiles	Dr. Parnajyoti Karmakar (PI), <i>Assistant Professor of Chemistry</i>	UGC (ERO) Project No. PSW-122/11-12)	2012-2014	Rs. 190000/-	COMPLETED
Inclusion assisted fluorescence resonance energy transfer	Dr. Bankim Chandra Ghosh (PI), <i>Assistant Professor of Chemistry</i>	UGC (ERO) Project No. PSW-123/11-12)	03.04.12-02.04.14	Rs. 185000/-	COMPLETED
Structural elucidation of polysaccharides from selected natural resources of North Bengal and study of biological	Dr. Tuhin Ghosh (PI), <i>Assistant Professor of Chemistry</i>	UGC (ERO) Project No. PSW-071/12-13)	2013-2015	Rs. 198000/-	COMPLETED (On transfer from ABN Seal College)

activities of their chemically modified form					
N-iodosuccinimide mediated regioselective heterocyclisation of different C-allylated carbocycles and heterocycles and screening of their biological activities	Dr. Pradipta Kumar Basu (PI), <i>Assistant Professor of Chemistry</i>	UGC (ERO Project No. PSW-013/11-12)	2011-2013	Rs. 193000/-	COMPLETED
Studies on reliability-redundancy optimization in internal environment	Dr. Sanat Kumar Mahato (PI), <i>Assistant Professor of Mathematics</i>	UGC (ERO Project No. PSW-006/12-13)	2013-2015	Rs. 194000/-	COMPLETED
Study of the family Oppedidae (Ammonoidea) from the Mesozoic basins of peninsula India (Jaisalmer and Kutch): phylogenic systematic & biostratigraphic correlation	Dr. Pinaki Roy (PI), <i>Assistant Professor of Geology</i>	UGC (ERO Project No. PSW-008/11-12)	2011-2013	Rs. 173500/-	COMPLETED
Proterozoic biosedimentology in the light of appraisal of potential microbial mat structures in the Vindhyan siliciclastics, Central India.	Dr. Pradip Samanta (PI), <i>Assistant Professor of Geology</i>	UGC (ERO) No: PSW-010/11-12 (ERO) Dt. 03/08/2011	2011-2013	Rs. 157500/-	COMPLETED
The effect of National Rural Employment Scheme (NREGS) on migration of Labour: A Case study	Samapti Saha(PI), <i>Assistant Professor of Economics</i>	UGC (ERO) No. PHW-251/11-12, dt. 25.01.2012	2012-2014	Rs. 95,500/-	COMPLETED (PI on transfer from ABN Seal College)