

CURRICULAM VITAE

NAME: SRIMANTA GUPTA
FATHER'S NAME: Sri Prabir Kumar Gupta
DATE OF BIRTH: 12th December 1968
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FELLOWSHIP AWARDED: UGC fellowship for five years research
Availed INSA Visiting Fellowship in NGRI, Hyderabad

RESEARCH EXPERINCES:

- ❖ Four (04) years research experience in the field of Economic Geology in Jadavpur University.
- ❖ Four (09) years research experience in Air, water and soil resources and the application of RS/GIS in Burdwan University.

PROFESSIONAL EXPERIENCES:

- ❖ Seven (7) years experience in working as a Geologic Engineer with various offshore and onshore oil well drilling industries.

ACADEMIC EXPERIENCE:

- ❖ Nine (09) years Post Graduate level teaching experience in the field of Environmental Geology in Dept. of Environmental Science, Burdwan University

MAJOR/MINOR RESEARCH PROJECTS:

Title of the Project/Scheme	Name of the funding agency	Minor/Major project	Date of initiation and duration
Spatial and temporal variation of hydrogeochemistry and quality of groundwater in a part of Burdwan district, West Bengal	UGC	Minor	1.4.07 - 31.3.09
Study on fluoride geochemistry and its pathways to food chain in the fluoride endemic areas of Birbhum district, West Bengal with an approach to develop a defluoridation technique by geomaterial	DST	Major (Pilot project)	28.8.08 - 26.8.09
Study on fluoride hydrogeochemistry in part of Raniganj coal field, West Bengal	UGC	Minor	1.2.10 - 31.1.12
Fluoride geochemistry and Influence of high fluoride environmental back-ground on crops and human health in Birbhum district, West Bengal	DST	Major	21.10.11-20.10.14

RESEARCH GUIDANCE

Supervised 51 M. Sc. Dissertation up to 2012

Course	Name of the Students Supervised	Title of the work/Thesis	Single/ Joint supervision
(i) M.Phil	Sumanta Roy	Spatial variation of air quality status in Burdwan Municipality, West Bengal- A GIS approach	Single (Awarded)
(ii) Ph.D.	Satarupa Satpati	Efficacy of some treatment schemes to reduce the pollution load of the effluents generating from industrial complex in Durgapur, West Bengal, India	Joint (Awarded)
	Sumanta Nayek	Environmental impact of effluents generating from Sponge-Iron industries on surrounding water bodies and associated vegetation	Joint (Awarded)
	Sudipta Banerjee	Geochemistry of ground water in the north-western part of Burdwan district, West Bengal with special emphasis on drinking and irrigation qualities	Single(Submitt ed)
	Uday Banerjee	Studies on environmental geochemistry of river Damodar in between Barakar and Burdwan, West Bengal, India.	Single(Submitt ed)
	Subrata Chottopadhaya	Spatial and temporal variation of air quality in Burdwan town, West Bengal	Joint (Submitted)
	Anjan Datta	Sustainable potato cultivation by utilizing rice mill by products	Joint
	Moupriya Roy	Land use and land cover and identification of urban sprawl pattern using remiote sensing and GIS in Burdwan Planning area, West Bengal	Single
	Sumanta Roy	Effect of waste-water irrigation on soil health and common vegetable grown in Assansol, West Bengal	Single
	Dali Mondal	Fluoride geochemistry and Influence of high fluoride environmental back-ground on crops and human health in Birbhum district, West Bengal	Single
	Sharadia Dey	Effect of different types of land use pattern on local scale meteorological phenomena with an emphasis on future projected scenario	Single

EXTENSION WORK, SOCIAL SERVICE, INSTITUTIONAL/CORPORATE LIFE; ADMINISTRATIVE ACTIVITIES; ARTICLES PUBLISHED IN EDITED VOLUME:

- ❖ Delivered lecture on 5th Oct., 2007 in Science Centre, Burdwan for school students
- ❖ Published four articles in edited volume of Environica magazine, published from Dept. of Environmental Science, Burdwan University
- ❖ Actively involved in social rehabilitation of fluoride victimized personnel at Junitpur village of Birbhum district
- ❖ Acted as an editor of Environica magazine and Training manual for assessment and monitoring of air, water and soil pollution, publisher from Dept. of Environmental Science, Burdwan University
- ❖ Organised training programme on assessment and monitoring air, water and soil pollution in Dept. of Environmental Science, The University of Burdwan

- ❖ Organized hands on Training on histotechnology and enzymological techniques for clinical and analytical laboratory, Sponsored by Department of Science and Technology, Govt. of West Bengal.
- ❖ Organized a three day International conference on the theme “Mother Earth: Save it for Future Generations” organized by Dept. of Environmental Science and Coal India Ltd.
- ❖ Actively engaged as a resource person in the practical programme of UGC- Academic Staff College refresher course in Environmental Science
- ❖ Courses developed for B.Sc, M.Sc and M.Phil in Environmental Science
- ❖ Acting as a Teacher-in-Charge in Department of Environmental Science from 1.4.2010 to till date
- ❖ Life member of Indian Association of Hydrologists
- ❖ Member of the Under Graduate Board of Studies (UGBS)in Environmental Science in Kalyani University
- ❖ Editorial body membership of International journal of pollution abatement.

GUEST TEACHER IN THE PARENT AND / OR OTHER UNIVERSITY; BOOKS/JOURNALS REVIEWED:

- i) Performed as a guest lecturer in University Institute of Technology (from 2003 – 2005 and 2009- 2010), BB College, Asansole and Padmaja Naidu College of Burdwan University and Centre for Ecological Engineering of Kalyani University
- ii) Reviewer of International Journal of Environmental Geology, International Research Journal of Plant Science, Journal of Rural and Community Development, Aquatic Geochemistry, African Journal of Environmental Science & Technology, Journal of Environmental Chemistry and Ecotoxicology, Journal of Plant Interaction, Journal of Agricultural Extension and Rural Development, Journal of Hydrogeology, Ecological Engineering and Environmental Chemistry Letters
- iii) Reviewer of DST project proposal
- iv) Act as an evaluator for Ph.D. thesis

AWARDS RECEIVED

- ❖ Received best publication award in 16th West Bengal State Science & Technology Congress
- ❖ Awarded INSA visiting Fellowship, 2012

EXTRACURRICULAR ACTIVITIES

- ❖ Represented Burdwan sub-division inter district Basketball championship, 1984
- ❖ Represented in State Basketball knock-out tournament, 1988 to 89
- ❖ University blue for representing basketball tournament for consecutive three years, 1987, 1988, 1989 and 1990.

WORKSHOP/REFRESHER COURSE/ORIENTATION PROGRAMME PARTICIPATED

Name of the workshop/Refresher course/Orientation programme	Organised by	Venue	Date
Refresher course on 'Natural Resources Management, Environment and Employment'	Indian Academy of Science, Bangalore	JNTU, University, Hyderabad	3 rd to 15 th Nov., 2003
Workshop on 'Radiochemistry and application of radioisotope'	Board of Research in Nuclear Sciences, DAE	Deptt. Of Chemistry, The University of Burdwan	29 th to 6 th Nov., 2004
Training course on 'Geographical Information Systems, Remote Sensing, Photogrammetry & Cartography using Geomatica'	PCI Software Private Limited, Kolkata	Deptt. Of Environmental Science, The University of Burdwan	28 th , 29 th & 31 st Oct., 2005
Orientation programme for University teachers in Jadavpur University	UGC	Jadavpur University	20 th Aug. to 17 th Sept., 2007
Application of Geoinformation in Natural Disaster Management'	Department of Civil Engineering and Geology, N.I.T., Durgapur	N.I.T., Durgapur	24 th March, 2008
Workshop on 'Learning objects: Design, development & dissemination'	Directorate of Distance Education, The University of Burdwan. Distance Education Council, New Delhi	Directorate of Distance Education, The University of Burdwan.	24 th to 25 th June, 2008
Workshop on 'Ground water related issues-West Bengal, Andaman & Nicobar islands and Sikkim	Central Ground Water Board, Eastern Region, Kolkata	Central Ground water Board	13 th and 14 th Feb., 2009
Effective Development and Management of Groundwater Resources for sustainable Future	Dept. of Geological Sciences, Jadavpur University	K.P.Basu Memorial Hall, Jadavpur University	18 th to 19 th Nov., 2010
Intellectual Property Rights	Patent Information Center (WBSCST) & UGC Academic Staff College, The University of Burdwan	The University of Burdwan	13 th Apr., 2011
Isotope Hydrology	National Institute of Hydrology, Roorkee & Physical Research Laboratory	National Institute of Hydrology, Roorkee	19 th to 24 th Dec., 2011
Bhuvan workshop	Indian Space Research Organisation, National Remote Sensing Centre	University of Kolkata	2 nd Feb., 2012
Jal Dharo Jal Bharo	WBSC of S & T, Govt. of WB & Environmental Science	The University of Burdwan	7 th June, 2012
Organized Quiz Contest Among X – XI Level School Children	SPCB	Town School , Burdwan	18 th December, 2012

PUBLICATIONS (CONFERENCE)

Name of paper	Name of the conference	Venue	Date
Evaluation of biomass, growth and seed yield in Sesame(<i>Sesamum indicum</i> L) under the influence of different fertilizer combinations and subsequent changes of MPN of bacterial and arthropod in the experimental soil	National conference on 'Recent environmental changes-impact on health, agriculture and ecosystem'	Department of Environmental Science, University of Kalyani	6 th to 7 th Aug., 2003
Characterization and management of municipal solid waste of Burdwan municipality, West Bengal.	National conference on 'Advances in Environmental Science and Engineering'	IIT, Mumbai	2003
A study on physico-chemical and biological characteristics as well as management strategies of municipal solid waste of Burdwan city, West Bengal.	International Conference on Environment and Development	Institute of Social Studies, Kolkata	2004
Assessment of physico-chemical and microbiological characteristics of ground water in Burdwan Municipal area, Burdwan, West Bengal.	Indian Environment Congress	Centre for Environment and Development, Thiruvananthapuram	16 to 18Dec., 2004
Impact of opencast mining on the soil and plant communities of Sonepur-Bajari opencast coal mine area, West Bengal, India.	Vistas in geological research; U.U. Spl. Publ. in Geology	Utkal University	March 2006
Assessment of drought tolerance variety for mustard seed under laboratory condition	Challenges and Emerging strategies for improving plant productivity	Indian Society for Plant Physiology and Indian Agricultural Research Institute	12 th to 14 th Nov.,2008
Investigation of the nitrate-nitrogen concentration in groundwater and its possible source of contamination near the adjoining areas of City Centre, Durgapur, West Bengal	Groundwater related issues-West Bengal, Andaman & Nicobar Islands and Sikkim,	Central Ground Water Board, Eastern Region, Kolkata	13 th and 14 th Feb., 2009
Study of biochemical response of some herbaceous plant species in surrounding areas of dye industries, West Bengal, India.	16 th West Bengal State Science & Technology Congress	The University of Burdwan	28 th Feb. to 1 st March,2009
Spatial variability of lead concentration in ambient air of Barddhaman town	16 th West Bengal State Science & Technology Congress	The University of Burdwan	28 th Feb. to 1 st March,2009
Improvement of soil arthropod diversity in old alluvial soil of Burdwan,West Bengal	International Conference ,Mother Earth:Save it For Future Generations	Deptt. of Environmental Science,The University of Burdwan	13 th to 15 th Feb, 2010
Speciation and Distribution of iron in water-soil system of opencast pit pond (OCP) contaminated with industrial effluents	International Conference ,Mother Earth:Save it For Future Generations	Deptt. of Environmental Science,The University of Burdwan	13 th to 15 th Feb, 2010
Traffic Noise modeling in some parts of Burdwan Municipality	International Conference ,Mother Earth:Save it For Future Generations	Deptt. of Environmental Science,The University of Burdwan	13 th to 15 th Feb, 2010

Name of paper	Name of the conference	Venue	Date
Phenol degradation in waste water using aerobic sequential batch reactor - A preliminary approach	International Conference ,Mother Earth:Save it For Future Generations	Deptt. of Environmental Science,The University of Burdwan	13 th to 15 th Feb, 2010
Sustainable potato cultivation by utilization rice mill wastes	International Conference ,Mother Earth:Save it For Future Generations	Deptt. of Environmental Science,The University of Burdwan	13 th to 15 th Feb, 2010
Land -use/Land -cover classification of Burdwan municipality area-AGIS approach	International Conference on Environmental ,Resource and regional development	Deptt. of Geography, The University of Burdwan	8 th to 9 th March, 2010
Spatio Temporal variability of air born Particulate Matter concentration (PM ₁₀):A GIS approach	International Conference on Environmental ,Resource and regional development	Deptt. of Geography, The University of Burdwan	8 th to 9 th March, 2010
Distribution of heavy metals in agricultural production irrigated by raw wastewater	Recent Trends in Zoology with special emphasis on animal diversity	Deptt. of Zoology, Kulti college	28 th to 29 th Nov., 2011
Study on Environmental Geochemistry of river Damodar: A multivariate statistical approach	Environmental pollution and its impact on human health	Deptt. of Zoology, Raja Rammohan Roy Mahavidyalaya	22 nd to 23 rd Dec., 2011
Physicochemical determination of pollutants in wastewater and vegetable samples along the wastewater channel	Environmental pollution and its impact on human health	Deptt. of Zoology, Raja Rammohan Roy Mahavidyalaya	22 nd to 23 rd Dec., 2011

PUBLICATIONS (INTERNATIONAL JOURNAL)

Sl. No.	Title of the paper	Name of the Co-authors	Name of Journal/Book	Volume No.	Page	Year
1.	Fluride geochemistry of groundwater in Nalhati-1 Block of the Birbhum district, West Bengal, India	Banerjee,S.; Saha,R., Datta,J.K.; Mondal,N.K	<i>Journal of Fluoride</i> (IF- 1.212)	39(4)	318-320	2006
2	Geochemistry of groundwater, Burdwan Disrrict, West Bengal, india	Mahto,A.; Roy,P.; Datta,J.K. Saha,R.N	<i>Environmental Geology</i> (IF- 1.026)	53	1271-1282	2008
3	Assessment of heavy metal accumulation in macrophyte, agricultural soil, and crop plants adjacent to discharge zone of sponge iron factory	Nayek,S.; Saha,R.N. Satpati;S	<i>Environmental Geology</i> (IF- 1.026)	55	731-739	2008

Sl. No.	Title of the paper	Name of the Co-authors	Name of Journal/Book	Volume No.	Page	Year
4	Fluoride accumulation in paddy (<i>Oryza sativa</i>) irrigated with fluoride-contaminated groundwater in an endemic area of the Burbhum district, West Bengal.	Banerjee,S. Mondal,S.	<i>Journal of Fluoride</i> (IF-1.212)	42(2)	104-108	2009
5	Phytotoxicity of fluoride in the germination of paddy (<i>Oryza sativa</i>) and its effect on the physiology and biochemistry of germinated seedlings.	Banerjee,S.	<i>Journal of Fluoride</i> (IF-1.212)	42(3)	224-227	2009
6	Effect of wastewater irrigation on vegetables in relation to bioaccumulation of heavy metals and biochemical changes	Satpati,S.; Nayek,S.; Garai,D.	<i>Environmental Monitoring and Assessment</i> (IF- 1.035)	165	169-177	2010
7	Metal accumulation and its effects in relation to biochemical response of vegetables irrigated with metal contaminated water and wastewater	Nayek,S. Saha,R.N	<i>J. Hazardous Materials</i> (IF- 2.975)	178	588-595	2010
8	Spatial and temporal variation of Urban air quality: A GIS approach	Chottopadhyay, S.; Saha, R. N.	<i>J. of Environmental Protection</i> (IF-0.361)	1	264-277	2010
9	Effects of metal stress on biochemical response of some aquatic macrophytes growing along an industrial effluents discharge channel	Nayek,S.; Saha,R.N	<i>J. of Plant interactions</i> (IF-0.889)	In press	DOI: 10.142914 090328290	2010
10	Heavy metal translocation in soil near to the effluents discharge channel of industrial complex, West Bengal, India	Nayek,S.; Saha,R.N Satpati, S	<i>Asian J. Water, Environment and Pollution</i>	8	11-16	2011
11	Assessment of spatial and temporal variation of pollutants along a natural channel receiving industrial wastewater	Satpati, S Saha,R.N Nayek,S.;	<i>International J. of Environmental Engineering</i>	5(1)	52-69	2013
12	Effect of air-borne heavy metals on the biochemical signature of tree species in an industrial region, with an emphasis on anticipated performance index	Nayek,S., Bhattacharya,P .	<i>Chemistry and Ecology</i> (IF- 2.975)	27(4)	381 - 392	2011

Sl. No.	Title of the paper	Name of the Co-authors	Name of Journal/Book	Volume No.	Page	Year
13	Environmental noise assessment and its effect on human health in an urban area	Ghatak, C.	<i>International J. of Environmental Science</i>	1(7)	1954-64	2011
14	Anticipated Performance index of some tree species considered for green belt development in an urban area	Mondal, D.; Datta, J.K.	<i>International Research J. of Plant Science</i> (IF- 1.64)	2(4)	99-106	2011
15	Fluoride accumulation in crops and vegetables and dietary intake in a fluoride endemic area of West Bengal	Banerjee,S.	<i>Journal of fluoride</i> (IF-1.212)	44(3)	153-157	2011
16	Evaluation of water quality, hydrogeochemistry of confined and unconfined aquifer and irrigation water quality in Digha Coast of West Bengal, India(a case study)	Chowdhary, A.K.	<i>International J. of Environmental Science</i>	2(2)	576-589	2011
17	Geochemical provenance and spatial distribution of fluoride in Groundwater in parts of Raniganj coal field, West Bengal, India	Mondal D., Bardhan A.	<i>Archives of Applied Science Research</i>	4(1)	292-306	2012
18	Major ion chemistry and metal distribution in coal mine Pit lake contaminated with industrial effluents: constrains of weathering and anthropogenic inputs	Nayek,S.;; Saha,R.N	<i>Environmental Earth Science</i> (IF- 2.975)	DOI 10.1007/s1 2665-012- 1644-9		2012
19	Source and distribution of Lead, Cadmium, Iron and Manganese in the river Damodar near Asansol Industrial Area, West Bengal, India	Banerjee U.S.	<i>International Journal of Environmental Sciences</i>	2(3)	1531-1542	2012
20	Geochemistry of the River Damodar - the influence of the geology and weathering Environment on the dissolved load	Banerjee U.S.	<i>International Journal of Geomatics and Geosciences</i>	2(3)	853-867	2012
21	Land Use /Land Cover classification of an urban area- A case study of Burdwan Municipality, India	Banerjee U.S.	<i>International Journal of Geomatics and Geosciences</i>	2(4)	1024-1036	2012
22	Impact of industrial waste effluents on river Damodar adjacent to Durgapur industrial complex, West Bengal, India	Banerjee U.S.	<i>Environmental Monitoring Assessment</i> (IF- 1.4)	185	2083-2094	2013

23	Assessment of significant source influencing the variation of water quality of the river Damodar through factor analysis	Banerjee U.S.	<i>Asian Journal of Water, Environment and Pollution</i> (0972-9860 (Print) 1875-8568 (Online))	9(4)	87-94	2012
24	Fluoride Dynamics in Some Parts of the Raniganj Coal Field, West Bengal, Integrated With Geospatial Approach	Mondal D	<i>International Journal of Pollution Abatement Technology</i> ,(ISSN: 2320-1517)	2(1)	21-32	2013
25	Temporal variation and geochemical evolution of major ion chemistry in river Damodar, West Bengal, India	Banerjee U.S.	<i>International Journal of Pollution Abatement Technology</i> ,(ISSN: 2320-1517)	2(1)	15-20	2013
26	Assessment of spatial and temporal variation of pollutants along a natural channel receiving industrial wastewater	Satpati S, Saha R.N., Nayek S.	<i>International Journal of Environmental Engineering</i>	5(1)	52-69	2013
27	Geochemical appraisal and impact of landfill leachate on water quality of the river Banka in the vicinity of Burdwan municipal solid waste (MSW) dumping ground, Burdwan, West Bengal	Mukherjee R, and Banerjee U.S.	<i>International Journal of Pollution Abatement Technology</i> ,(ISSN: 2320-1517)	2(1)	6-14	2012
28	Suitable Landfill Site Selection In Burdwan Planning Area Using Remote Sensing And GIS	Roy M, Middya S	<i>International Journal of Pollution Abatement Technology</i> ,(ISSN: 2320-1517)	1(1)	1 - 5	2012
29	Geochemical Processes Controlling the Fluoride Concentrations in Granitic Aquifer of Purulia District, West Bengal, India	Mondal D and Kumbhokar D. P.	<i>International Journal of Earth Science and Engineering</i> (ISSN 0974-5904)	6(1)	107-118	2013
30	Identification of urban sprawl dynamics in a rapid growing city using GIS	Roy M and Sarkar A	<i>International Journal of Geomatics and Geosciences</i> (Issn 0976 – 4380)	3(3)	486 - 499	2013
31	Heavy metal distribution and chemical fractionation in water, suspended solids and bed sediments of industrial discharge channel: an implication to ecological risk	Nayek,S.; Saha,R.N	<i>Research Journal of Chemistry and Environment</i>	17 (6)	29 - 36	2013

PUBLICATIONS (NATIONAL JOURNAL)

Sl. No.	Title of the paper	Name of the Co-authors	Name of Journal	Volume No.	Page Nos.	Year
1.	Characterization of effluents from a ferro-alloy factory of Burdwan town, West Bengal and its subsequent impact on surrounding soil environment	Sinha M, Datta J.K, Saha R.N, Mondal N.K	<i>Environment and Ecology</i>	23(2)	328-331	2005
2	Characterization of Soil And Water from its Source at Agricultural Field and its termination in River and Related Algal and Arthropod Diversity in Respective Soil and Water Studied at Burdwan District, West Bengal, India	Sengupta J.N, Datta J.K, Saha R.N, Mondal N.K	<i>J. Ecophysiol. Occup. Hlth.</i>	5	81-85	2005
3	Characterization of toxic load of Bantala tannery industry, West Bengal with a comment on its suitable mode of disposal.	Das S, Saha R.N, Datta J.K, Mondal N.K	<i>Pollution Research</i>	25(4)	723-725	2006
4	Eutrophication potential of Municipal Sewage of Burdwan town, West Bengal, India.	Majumdar S, Saha R.N, Datta J.K, Mondal N.K	<i>Pollution Research</i>	25(2)	299-302	2006
5	Assessment of noise level in Burdwan town, West Bengal.	Datta J.K, Sadhu S, Saha R.N, Mondal N.K, Mukhopadhyay B	<i>Journal of Environmental Biology</i>	27(3)	609-612	2006
6	Nutrient burden of municipal wastewater of Burdwan in West Bengal.	Majumdar S, Saha R.N, Majumdar R.N	<i>Journal IAEM</i>	33(1)	7-12	2006
7	Screening wheat varieties and associated bacterial population in old alluvial soil of Burdwan, West Bengal.	Datta J.K, Chakraborty S, Saha R.N, Mondal N.K	<i>Journal of Environmental Biology,</i>	28(1)	11-14	2007
8	Comparative quality assessment of some selected bio-fertilizer, compost and organic manure.	Saha R.N, Samimuddin, Datta J.K, Mondal N.K	<i>Asian Journal of Microbiology Biotechnology and Environmental Science</i>	9(4)	873-876	2007
9	Temporal change detection study of predefined forest cover of Burdwan district, West Bengal, India.	Ghosh A.R, Bandopadhyay S, Chaudhory S	<i>GIS development</i>	<i>gisdevelopment.net</i>		2007

10	A comparative assessment of soil physico-chemical and biological properties of alluvial and red soil of Burdwan district of West Bengal, India.	Banerjee A, Datta J.K, Mondal N.K	<i>Ecology and Environment,</i>	26(3)	1080-1082	2008
11	Studies on the evaluation of Air Pollution Tolerance Index (ATPI) of some crop plants in old alluvial and lateritic zone of Burdwan district, West Bengal, India.	Datta J.K, Banerjee A, Dirghangi A, Mondal N.K	<i>Asian Journal of Microbiology Biotechnology and Environmental Science</i> ISSN: 0972-3005	11(2)	423-426	2009
12	Impact of combined exposure of chemical fertilizer, biofertilizer and compost on growth, physiology and productivity of <i>Brassica campestris</i> in alluvial soil.	Datta J.K, Banerjee A, Saha Sikdar M, Mondal N.K	<i>Journal of Environmental Biology,</i> ISSN: 0254-8704	30(5)	797-800	2009
13	Ambient air quality status at Burdwan town, West Bengal.	Chattopadhyay S, Saha R.N, Roy S	<i>Pollution Research</i>	28(4)	643-647	2009
14	Effect of Storage System and Handling Practice on Microbial Contamination of Drinking Water.	Roy A, Datta J.K, Chana T	<i>Indian Journal of Environmental Science,</i>	13(1)	71-74	2009
15	Effect of lead (Pb) on biochemical constituent of commonly grown plant species in Durgapur Industrial town, West Bengal, India.	Bhattacharya D, Datta J.K, Nayek S, Satpati S,	<i>Pollution Research</i>	28(2)	157-160	2009
16	Comparative physico-chemical characterization of fly ash from two different coal fired power stations in West Bengal	Chatterjee T, Das S,	<i>J. Interacad</i>	13(3)	266-272	2009
17	Study of Physico-chemical Characterisation of Waterbodies of Burdwan Municipal area, West Bengal	Mondal N.K, Sinha S, Datta J.K	<i>Asian J of Water, Environment and Pollution</i>	7(2)	93-96	2009
18	Assessment of plant species in biomonitoring of air pollution at old alluvial and lateritic soil zone of Burdwan district, West Bengal, India.	Banerjee .A	<i>Indian Journal of Environmental Science</i> ISSN: 0971-8958	Accepted	In press	2009
19	Effect of vehicular Lead emissions on biochemical constituents of leaves	Bhattacharjee D, Datta J.K., Nayek S., Satpati S.	<i>Pollution Research</i>	28(2)	157-160	2009
20	Characterization and treatment of industrials contaminated wastewater by coagulation and Fenton's oxidation	Saha R.N, Satpati S, Bardhan R, Datta J.K	<i>Pollution Research</i> ISSN: 0257-8050	29(1)	77-82	2010

21	Seasonal assessment of irrigation water suitability of river Damodar in West Bengal, India	Banerjee,U.S.	<i>J. of Crop and Weed</i>	6(1)	6-12	2010
22	Spatio-temporal variations in hydrochemistry of river Damodar along the stretch of Dishergarh to Palla Road, Burdwan, West Bengal, India	Basnerjee, U. S.	<i>Pollution Research</i>	29(2)	267-274	2010
23	Assessment of air pollution stress on some commonly grown tree species in Industrial zone of Durgapur, West Bengal, India	Nayek,S.; Satpati, S Saha,R.N.; and Datta J.K.	<i>J.Envron. Science & Engg.</i>	53(1)	57-64	2011

Signature
(Dr Srimanta Gupta)