

**FACULTY RESEARCH OUTPUT FOR THE PERIOD -2010**



**INDIAN INSTITUTE OF SOCIAL WELFARE AND BUSINESS MANAGEMENT**  
**Management House, College Square (West), Kolkata 700 073**

## Detail List of Research Output

### 1. List of Publication in Referred Journal

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of the Journal	Vol.	No.	Page
<b>International</b>							
1	Jana Chinmoy	2010	Decomposition Analysis on CO <sub>2</sub> Emission from Road Transport in Taiwan	EnergyPolicy, Elsevier, USA		Communicated after revision	
2	Jana Chinmoy	2010	A Comparative Evaluation of Household Preferences for Solar Photovoltaic Stand-Alone and Min-Grid Systems: An Empirical Study in a Costal Village of Indian Sundarban	Renewable Energy, Elsevier	35		2835 - 2838
3	Jana, R. K. and Sharma, Dinesh K.	2010	Genetic Algorithm based Fuzzy Goal Programming for Class of Chance Constrained Programming Problems	International Journal of Computer Mathematics	87	4	733-742.
4	Roychowdhury, Soma	2010	A Generalized Approach to Comparing the Systems of Different Order	Advanced Modeling and Optimization (Romania),	12	1	57-69.
5	Sahu, Paulami and. Sikdar, P. K	2010	Groundwater Potential Zonning of a peri-urban wetland of South Bengal Basin, India,	Environmental Monitoring and Assessment,	Accepted (in press) Published online: Springer, DOI: 10.1007/s10661-010-1443-2		
<b>National</b>							
1.	Banerjee, K. and Mohanty, M.	2010	Social Cost of Reforms in Post Liberalization Era in India: An Analysis till 2000.	Survey- A Management Journal	Accepted		
2.	Chakraborty, S., and Sikdar, P. K.	2010	Groundwater Resource Assessment and Management of the Arsenious Aquifer of	Indian Association of Hydrologists Journal	In press		

			English Bazar Block, Malda District, West Bengal					
3.	Mitra, Sarhani, Agrawal, K. M. and Dhar Satyajit	2010	Leveraging Business Bottom Line through Operationalizing Environmentally Sustainable Strategies	Gitam Journal of Management (GITAM)	Accepted			
4	Das, Gairik	2010	Exploring the Consumer's Brand Selection Pattern in the Organised Retail Sector: Private Label vis-a vis Manufacturing Brands	Proficient	Accepted			
5.	Mitra, Sarhani; Agrawal K. M. and S. N. Ray	2010	Greening the Supply Chain: Prospects & Implementation Strategy	Journal of IMS Group Institute of Management Studies Ghaziabad	Accepted			
6	Mukherjee Srabanti,	2010	"Initial Marketing Design To Enter In The Pickle Business-A Case Study On An Aspiring Women Group In Hooghly District"	The Icfaiian Journal of Management Research	IX	1	64 - 77	
7	Mukherjee Srabanti,	2010	"Initial Marketing Design To Enter In The Pickle Business-A Case Study On An Aspiring Women Group In Hooghly District"	The Icfaiian Journal of Management Research	IX	1	64 - 77	

## 2. Books

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of Publisher	Page
1	Roychowdhury Soma	2010	Practical Statistics (2010), 2 <sup>nd</sup> edition	U.N. Dhur & Sons Pvt. Ltd. (ISBN 978-93- 80673-00-4)	In press
2	Roychowdhury Soma	2010	Probability and Statistical Inference (2010), 2 <sup>nd</sup> edition	U.N. Dhur & Sons Pvt. Ltd. (ISBN 978-93- 80673-01-1)	In press
3	Roychowdhury Soma	2010	Statistics: Theory and Practice (2010), 3 <sup>rd</sup> edition	U.N. Dhur & Sons Pvt. Ltd. (ISBN 978-93- 80673-02-8)	In press

### 3. Books edited

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of Publisher	Page
1	Maiti Prasenjit	2010	Environmental Politics: From Sociability to Sustenance	Discovery, 2010 New Delhi	-

### 4. Chapters in Books

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of the Publisher	Chapter No.	Page
1	Mitra, Sarbani, Sadhukhan, I. and Agrawal, K. M.,	2010	Green Marketing – A Sustainable Business Strategy for Competitive Advantage. Proc. of National Seminar on <i>Environmentally Sustainable Development – A Bag of Green Profits</i> , February 6, 2010, Jagan Institute of Management Studies, New Delhi	Excel India Publishers, New Delhi.	[ISBN: 93 - 80043 - 78 - 3]	249 - 256

### 5. Papers in Seminar/Conference Proceedings

Sr. No.	Author(s)	Year of Publication	Title of Publication	Details of Seminar/Conference	Page
<b>International</b>					
1	Banerjee Sudeepa and Basu Tapati	2010	Impact of Traditional Media on Internet news : An Empirical Study	14th Nirma International Conference on Management , Ahmedabad.	Accepted
2	Dinesh K. Sharma, R. K. Jana, and Hari P.	2010	A genetic algorithm based decision support system for portfolio selection.	Proceedings of the MTMI-TRU 2010 International Conference on Emerging Paradigms and Practices in	-

	Sharma			Business Management and Technology, Thompson Rives University, Kamloops, British Colombia, June 12-13, 2010, Canada	
3	Dutta, Arindam	2010	Automation of Coal Handling Plant	International Conference on Control, Communication and Power Engineering (CCPE-2010).	-
4.	Paul, Souren and Ray, Sumati	2010	“Manifested Intra-Group Conflict in Collaborative Technology Supported Multi-cultural Virtual Teams: Findings from a laboratory Experiment”,	Hawaii International Conference on System Sciences (HICSS-43) held at Hawaii USA from 5-8 <sup>th</sup> January, 2010. Received nomination for Best Paper Award.	-
5	Ray, SN	2010	Research for SME Financing to Promote Innovation (Country Paper: India)	Second coordination meeting for the research on the Financing of small and medium Business Taipei, Taiwan , Republic of China organized by Asian Productivity Organisation , Tokyo, on 28-30 <sup>th</sup> July, 2010.	-
6	Roychowdhury, Soma	2010		INTERNATIONAL CONFERENCE ON OPTIMIZATION AND ITS APPLICATIONS (ICOIA-BHU-2010) 16-18 FEB, 2010 BANARAS HINDU UNIVERSITY, VARANASI	-
<b>National</b>					
1.	Dutta, Arindam	2010	Automation of Generating Station by PLC and Demand Side Management	National Conference PRES-10	
2	Mitra, S., Sadhukhan, I. and Agrawal, K. M.,	2010	Green Marketing – A Sustainable Business Strategy for Competitive Advantage.	Proc. of National Seminar on <i>Environmentally Sustainable Development – A Bag of Green Profits</i> , February 6, 2010, Jagan Institute of Management Studies, New	

				Delhi. 249 – 256	
3.	Sadhukhan, Indranil; Mitra, S.; Agrawal, K. M. and Santra, S. C.	2010	Green House Gas Emission Reduction Potential – A Case Study of Sponge Iron Industry	Proc of National Conference on <i>Recent Trends in Engineering &amp; Education (RTEE-2010)</i> , January 28-29, 2010, National Institute of Technical Teachers' Training & Research, Kolkata.	
4.	Sadhukhan, Indranil; Mitra, S., Agrawal, K. M. and Santra, S. C.	2010	Greening of Industrial Cluster through Application of Industrial Ecology Concept.	Proc. of National Seminar on <i>Environmentally Sustainable Development – A Bag of Green Profits</i> , February 6, 2010, Jagan Institute of Management Studies, New Delhi.	-
5.	Sikdar, P.K. and Chakraborty, S	2010	Numerical Modelling Of Migration Of Arsenic In The Aquifer Of North Bengal Plain	Proceedings of 2-Day Workshop on Arsenic Contamination In Groundwater – Source, Migration And Mitigation: Future Research Needs (23 - 24 July 2010), Organised by IISWBM, Sponsored by DST, New Delhi	100-134
6.	Uddameri, Venkatesh and Jhumoor Biswas	2010	Assessing the Dependence between Streamflows and Rainfall in Bhagirathi River, West Bengal using Copula Theory	Proceedings of the 3 <sup>rd</sup> International Conference on Hydrology and Water Shed Management with focal theme on Climate Change, Food and Environmental Security organized on occasion of Silver Jubilee Year by Center for Water Resources. Institute of Science and Technology, Jawaharlal Nehru Technical University at Hyderabad on February 2-6, 2010	Volume I pp. 462-469

## 6. General Articles

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of the Newspaper/Magazine etc.	Page
-	-	-	-	-	-

## 7. Participation in Workshop/Seminar/Conference

Sr. No	Authors (s)	Date	Title of Workshop/Seminar/Conference	Venue of Workshop/Seminar/Conference	Mode of Participation
1	Mitra, S.	2010	Greening of Industrial Cluster through Application of Industrial Ecology Concept	Proc. of National Seminar on <i>Environmentally Sustainable Development – A Bag of Green Profits</i> , February 6, 2010, Jagan Institute of Management Studies, New Delhi	Paper Presenter
2	Mitra, S.	2010	Green Marketing – A Sustainable Business Strategy for Competitive Advantage	Proc. of National Seminar on <i>Environmentally Sustainable Development – A Bag of Green Profits</i> , February 6, 2010, Jagan Institute of Management Studies, New Delhi	Paper Presenter
3	Mitra, S.	2010	Green House Gas Emission Reduction Potential – A Case Study of Sponge Iron Industry	Proc of National Conference on <i>Recent Trends in Engineering &amp; Education (RTEE-2010)</i> , January 28-29, 2010, National Institute of Technical Teachers' Training & Research, Kolkata	Paper Presenter
4	Ray, S.N.	28-30 <sup>th</sup> July,	Research for SME Financing to Promote Innovation (Country Paper: India)	Second coordination meeting for the research on the	Paper Presenter

		2010. 2010		Financing of small and medium Business Taipei, Taiwan , Republic of China organized by Asian Productivity Organisation , Tokyo, on 28-30 <sup>th</sup> July, 2010.	
5	Sikdar, P.K.	2010	Numerical Modelling Of Migration Of Arsenic In The Aquifer Of North Bengal Plain	Proceedings of 2-Day Workshop on Arsenic Contamination In Groundwater – Source, Migration And Mitigation: Future Research Needs (23 - 24 July 2010), Organised by IISWBM, Sponsored by DST, New Delhi	Paper Presenter and Convener
6	Sikdar, P.K.	9 <sup>th</sup> June 2010	Seminar on 'Biodiversity Conservation and Management' and delivered a lecture on 'Global water crisis: the Indian scenario & strategies for sustainable development. The Seminar was organized by Netaji Institute for Asian Studies in collaboration with Indian Society of Remote Sensing (Kolkata Chapter)	Netaji Institute for Asian Studies	Invited Speaker
7	Sikdar, P.K.	26 <sup>th</sup> Febru ary 2010	Workshop for Junior Scientist Meet 2010 on 'Disaster Management in West Bengal & Sustainable Management Approaches	Netaji Institute for Asian Studies	Judge
8	Sikdar, P.K.	5 <sup>th</sup> -7 <sup>th</sup> Febru ary, 2010	World Sustainable Development Forum: Delhi Sustainable Development Summit 2010 – 'Beyond Copenhagen: New Pathways to Sustainable Development	Hotel Taj Palace, New Delhi	Invited Delegate
9	Sikdar, P.K.	14 <sup>th</sup> Janua ry 2010	WWF Ganga-Sundarbans Delta Vision Academic Forum. The Forum was organized by WWF India	School of Oceanographic Studies, Jadavpur University	Discussant



## 8. Management Development Programmes organized

Resource Persons	Period	Title of MDP/PDC	Sponsor/Venue of Workshop/Seminar/Conference	Days/Hours
Mukhopadhyay SP, Ghosh Sandip, Sen Sanghamitra	25 <sup>th</sup> Jan – 30 <sup>th</sup> March, 2010	6 <sup>th</sup> PDC Course for Senior Medical Officers of NE-States of India	Ministry of Health and Family Welfare, Government of India	
Mukhopadhyay SP, Ghosh Sandip, Sen Sanghamitra	7 <sup>th</sup> June- 10 <sup>th</sup> Aug, 2010	5 <sup>th</sup> PDC Course for Senior Medical Officers of NE-States of India	Ministry of Health and Family Welfare, Government of India, at IISWBM	
Mukhopadhyay SP, Ghosh Sandip, Sen Sanghamitra	June, 2010	3 <sup>rd</sup> Disaster Management Course	Course offered by IISWBM	
Ray Tanima	2010	Postgraduate Diploma in Public Health Management (PGDPHM)	Course offered by IISWBM in collaboration with All India Institute of Hygiene and Public Health, Kolkata	
Sikdar P.K. Chakraborty Surajit Sahu Paulami	15 <sup>th</sup> October, 2009 to 15 <sup>th</sup> January, 2010	Fifth 3-month post graduate Certificate Course on “Groundwater Development & Management”	Course offered by IISWBM in collaboration with Centre for Groundwater Studies, Kolkata	2hrs per day for 5 days

## 9. Research Projects Undertaken

Principal Investigator	Title of the Project	Funding Agency	Duration of the project		
			From	To	No. of years
Sikdar, P.K.	‘Testing the Palaesol Model of Arsenic Pollution of Groundwater’ in collaboration with University College London, & Centre for Ground Water Studies	Natural Environment Research Council (NERC), U. K.	March 2010	May, 2013	3 years

Sikdar, P.K.	'Arsenic Migration in the Aquifers of West Bengal' in collaboration with University College London, IIT Kharagpur & Centre for Ground Water Studies	UNICEF	March 2009	May, 2010	1 year 3 months
Sikdar, P.K.	'Hydrogeological framework of a moribund pond in Ward No. 118, Kolkata Municipal Corporation, New Alipur, Kolkata' (Minor Research) in collaboration with Vasundhara, Kolkata	Councillor's Office, Ward No. 118, Kolkata Municipal Corporation.	March 2010	April 2010	2 months
Choudhury, B.K.	SME Howrah Galvanizing & Wire-drawing Industry Energy Efficiency Project	Bureau of Energy Efficiency (BEE)			
Choudhury, B.K.	The Energy Study In The Selected Char Villages Of Malda, West Bengal	West Bengal Renewable Energy Development Agency (WBREDA)			
Jana, Chinmoy	Perspective Policy for Renewable Energy use in West Bengal	WBREDA, Govt. of West Bengal, Kolkata	Continuing		
Jana, Chinmoy	Training Manual Preparation for Solar Hot Water System sponsored by CTRAN, Bhubaneswar, under the Program Capacity Building in the building Sector and in the Solar Water heating Supply Chain,	MNRE, Government of India	Continuing		
Jana, R.K.	"Simulation	Principal Investigator	2010	2013	3 years

	Optimization Approaches for Agricultural Decision Making	of DST Fast Track Young Scientist Research Project			
Mukherjee, Buddhadip	Competency Mapping Study for Senior Managers of UCO Bank	UCO bank	2010		
Mukherjee, Buddhadip and Bose Debjit	Brain Mapping and Behaviour Modification of Employees of SAIL	SAIL	Continuing		
Mukherjee, Buddhadip	Brain Mapping and Employee Clustering of 700 Executives of Mangalam Timbers (A Birla Group of Company)	Mangalam Timbers	2010		
Mukherjee, Buddhadip; Scharitz Carol Z.; Cohen Paul	Emotional Intelligence in the Millennial Generation: A Cross Cultural Approach		Continuing		

### 10. Consultancy Undertaken

Sl. No.	Resource Persons	Project Title	Name of Sponsor	Period
1	Agrawal. K. M. and Mitra Sarbani	Socio-economic Impact Assessment Studies for Nabinagar Super Thermal Power Project (3 x 660 MW), New Nabinagar, District: Aurangabad, Bihar	Nabinagar Power Generating Co. Pvt. Ltd, Patna	Ongoing
2	Agrawal. K. M. and Mitra Sarbani	Assessment of Environmental Rationale of Ship Recycling	West Bengal Ship-Breakers' Association, Kolkata	Ongoing
3	Agrawal. K. M. and Mitra Sarbani	Socio-economic Survey and Study of Social Impact Assessment within the Project Affected Area of proposed Katwa Super Thermal Power Project, Srikhanda, Katwa, District Burdwan, West Bengal	West Bengal Power Development Corporation Ltd., Kolkata	Ongoing

4	Agrawal. K. M. and Mitra Sarbani	Impact Assessment Study of Vocational Training Conducted by Barrackpore Municipality under SJSRY, KUSP and ICF Scheme during Last Five Years (2003-2004 to 2008-2009)	Barrackpore Municipality, Barrackpore, 24 Parganas (N), WB	Ongoing
5	Agrawal. K. M. and Mitra Sarbani	Status of Environmental Pollution Control in Large & Medium Scale Industries of West Bengal	West Bengal Pollution Control Board, Department of Environment, Government of West Bengal	Ongoing
6.	Sikdar PK and Chakraborty S	Preparing a plan for mitigative measures to minimize soil erosion, construction of check dams and retention/TOE walls for the proposed coal mining area of Balco, Korba.	IBRAD	Ongoing
7.	Choudhury BK	Performance Audit i.r.o. Assessment of achievable benefit on application of "THERMACT" (Coal Additive) at 210 MW Unit (Unit No.5).	<i>Bandel Thermal Power Station (BTPS)</i>	Ongoing
8.	Choudhury BK	Energy Audit as a Measure of Energy Efficiency Improvements in four selected Municipalities (Bali, Baranagar, Kamarhati, Naihati)	Kolkata Urban Services for the Poor (KUSP) Programme Municipal Affairs Deptt., Govt. of West Bengal	Ongoing
9.	Chinmoy Jana	Coordinating Institutional Monitoring System for CAPART's sponsored Project during Pre-funding, Mid-term funding and Post evaluation.	CAPART, Ministry of Rural Development, Govt. of India.	Ongoing

## 11. Submitted Research Proposal

Principal Investigator	Title of the Project	Funding Agency	Duration of the project		
			From	To	No. of years
Sikdar, P.K. Chakraborty S and Sahu, Paulami	Delineation of groundwater potential zones to identify locations of new wells in hard rock terrain of Raghunathpur-II Block, Puruliya district, West Bengal using Remote Sensing and GIS.	Public Health and Engineering Department (PHED), Government of West Bengal			
Batabyal Kumar Asit, Chakraborty, S and Sikdar P.K.	Impact of Industrialization and Urbanization on the Groundwater Regime of the Durgapur Industrial Belt, Bardhaman District, West Bengal using Remote Sensing and Geographic Information System.	Department of Science and Technology, New Delhi			

## 12. Board of Referees in any International/National Journals?

### 1. Chinmoy Jana

#### International

- 'Energy – The International Journal', Elsevier, USA
- 'Journal of Solar Energy', Elsevier, USA
- Reviewer for SERC- DST Projects ( Mathematical Sciences)
- Facilitator cum Evaluator for CAPART, Ministry of Rural Development, Govt. of India, Aided Projects

#### National

- Journal of Scientific & Industrial Research, published by National Institute of Science Communication and Information Resources, CSIR, New Delhi.

## **2. Jhumur Biswas**

- Journal of Applied Meteorology
- Atmospheric Environment

## **3. Pradip K Sikdar**

### **International**

- Journal of Asian Earth Sciences
- Environmental Monitoring and Assessment
- Journal of Applied Geochemistry

### **National**

- Indian Journal of Geology
- Indian Journal of Earth Sciences
- Current Science

## **4. Prasenjit Maiti**

### **International**

- Policing: An International Journal of Police Strategies & Management (College of Education, Division of Criminal Justice, University of Cincinnati, USA).
- Environment & Development Economics (University of York, Heslington, York, UK) published by the Cambridge University Press and Crime Prevention & Community Safety (Perpetuity Press, Leicester, UK)
- Globalization and Health (published from London).
- Crime Prevention & Community Safety (Perpetuity Press, Leicester, UK)

## **5. S. P. Mukhopadhyay**

- Indian Journal of Medical Association (JIMA)
- Indian Journal of Public Health Association ( IJPHA)

## **6. Soumitra Kumar Mallick**

- Quantitative Finance(Springer)
- Pearson Education text books.

## **9. Soma Roychowdhury**

- Stochastic Modelling and Applications: A Journal of Stochastic Process and its Application
- Journal of Indian Association of Productivity, Quality and Reliability
- New Age Publishers (book review)

### **13. Details of Research Scholars who have submitted/awarded Ph.D. degrees from recognized University.**

#### **1. Binoy Krishna Choudhury**

Name of the student	Shri Subhashish Banerjee
Title of Thesis	Impact Assessment of Ocean Energy Systems, including Environmental Impact.
Date of Registration	Not available
Name of University	Coventry University, UK
Sponsor	Not available

Name of the student	Shri H S Rauth
Title of Thesis	Socio-Economic-Environmental Impact Assessment of SPV and Bio-mass Systems in India and Plan for Implementation of the Findings in Future Projects.
Date of Registration	Not available
Name of University	Bengal Engineering & Science University;
Sponsor	Not available

#### **2. Chinmoy Jana**

Name of the student	Kaushik Paik
Title of Thesis	Rural Marketing
Date of Registration	2007
Name of University	NSOU
Sponsor	Self Sponsor

#### **3. K. M. Agrawal**

##### **Ongoing**

Name of student: Mr. Avinash Singh  
Title of thesis: Environmental Impact Assessment of Infrastructural Project with Special Reference to Highway Project in India  
Date of Registration: 2005  
Name of University: BIT, Mesra, Ranchi  
Sponsor: NA

Name of student: Lt Col Balaram Mandal  
Title of thesis: Assessment of Prospect of Implementation of Clean Development Mechanism (CDM) in Developing Country like India with Special Reference to Major Industrial Sector  
Date of Registration: 2005  
Name of University: Netaji Open University  
Sponsor: NA  
Name of student: Mr. Indranil Sadhukhan

Title of thesis: Study on Evaluation of Opportunities And Risks of Operationalizing the Industrial Ecology Concept – A Niche For Sustainable Development

Date of Registration: 2008

Name of University: Kalyani University

Sponsor: NA

Name of student: Mr. Souvik Banerjee (Pursuing)

Title of thesis: Study On Prospects and Potentials of Environmental Management Systems

Date of Registration: 2008

Name of University: Aligarh Muslim University

Sponsor: NA

Name of student: Mr. A. K. Nath

Title of thesis: Environmental Impact Assessment of Port industry

Date of Registration: 2004

Name of University: APS University, Rewa, MP

Sponsor: NA

Name of student: Mr. T. K. Giri

Title of thesis: Study on Impact of Coal Mining on the Environment with special reference to the Vegetation

Date of Registration: 2003

Name of University: Visva Bharati

Sponsor: NA

## **5. Kumkum Mukherjee**

Name of student: Ms. Aditi Banerjee

Title of thesis: Employee motivation and its possible impacts on job behaviour

Date of Registration: 2008

Name of University: West Bengal University of Technology

Sponsor: Self

## **5. Madhumita Mohanty**

Name of the student: Mr. Kaushik Banerjee

Designation: Lecturer, George College of Management and Science, Kolkata,

Title of Thesis: A Study to determine the Application of Indian Labour Welfare Statutes/Legislations in Organisation Development in Indian Context”

Date of Registration: 14. 05. 2007

Name of University: Netaji Subhas Open University

Sponsor : Self- sponsored



## **6. Pradip K. Sikdar**

### **Ongoing**

Name of the student: Antara Adhikari

Title of thesis: Hydrogeologic framework of the South Haora Alluvial Plain, Haora District, West Bengal

Date of Registration: No. 3568 Ph.D. (Sc.) Proceed/2007 dated 5.11.2007

Name of University: University of Calcutta

Sponsor: Self

Name of the student: Saji Krishnan K

Title of thesis: Impact of industrialization on groundwater regime of Lower Periyar Basin, Ernakulum District, Kerela

Date of Registration: Applied for

Name of University: University of Calcutta

Sponsor: Self

## **7. S. P. Mukhopadhyay**

Name of the student: Niloy Sarkar, M.Phil.

Title of thesis: Economics of Health Care

Date of Registration: 2006

Name of University : Pillani University

Sponsor: College of NSHM Knowledge Campus, Durgapur

## **8. S.N. Ray**

Name of the student Rajib Kumar

Title of thesis: Need for Synchronization of Classical Views and IT advances (SME Sector)

Date of Registration: 4<sup>th</sup> August, 2008

Name of University: SRM University, Tamil Nadu

Name of the student : Amit Kr. Basu

Title of thesis: Design & Application of a suitable model to direct collective efforts of workmen towards strategic business enable.

Date of Registration: 21<sup>st</sup> October, 2008

Name of University: NSOU, Kolkata

## **9. Dr. Shantanu Chakraborty**

Degree Awarded – Ph.D.

Title of thesis: “Analysis of Demand and Cost of Electricity - A study based on West Bengal”

Name of University: University of Calcutta

Date of award: 8<sup>th</sup> March, 2010

**FACULTY RESEARCH OUTPUT FOR THE PERIOD -2009**



**INDIAN INSTITUTE OF SOCIAL WELFARE AND BUSINESS MANAGEMENT**  
**Management House, College Square (West), Kolkata 700 073**

## Detail List of Research Output

### 1. List of Publication in Referred Journal

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of the Journal	Vol.	No.	Page
<b>International</b>							
1	Bhattacharya, S. C. & Jana, Chinmoy	2009	Renewable energy in India: historical developments and prospects	Energy, Elsevier	34	-	981-991
2	Biswas, Jhumoor	2009	Impact Assessment of Global Temperature Perturbations on Urban and Regional Ozone Levels in South Texas.	Advances in Geosciences	A-56	10	197-211
3	Biswas, Jhumoor, Kuruvilla, John and Zuber, Farooqui	2009	Assessment of Global Temperature Perturbations on Urban and Regional Ozone Levels in South Texas	Advances in Geosciences	A-56	10	197-211
4	Chakraborty, Surajit, Sikdar P. K.	2009	Geologic framework and Isotope tracing of the arsenious Quaternary Aquifer of the southwestern North Bengal Plain, West Bengal, India.	Environmental Earth Sciences.	59	4	723-736
5	Dutta, Arindam	2009	“Reduction In Total Harmonic Distortion In A Non-Linear Load With Harmonic Injection Method”	International Journal Of Recent Trends And Engineering	1(1)	-	-
6.	Maiti, P.	2009	Governance and Institutions? A Heuristic Inquiry	Revista-E Lationo Americana De Filosofia Aplicada. Peru	5	-	-
7	Mukherjee, Buddhadiip	2009	‘Understanding Vicarious trauma in employees of Critical Care units’	Organization Dynamics, U.S.A.	In process		
8.	Roychowdhury, Soma	2009	A Note on Comparison of Performances of Systems of Different	Journal of Applied Statistical	16	3	293-301

			order	Science (USA)			
9	Roychowdhury, Soma	2009	An Optimal Ordering Policy for a Stochastic Inventory Model for Deteriorating Items with Time-dependent Selling Prices	Advanced Modeling and Optimization (Romania)	11	3	289-304
10	Roychowdhury, Soma	2009	A Multi-period Profit Maximization Policy for Stochastic Demand Inventory System with Upward Substitution.	International Journal of Applied Mathematics and Computer Sciences	5	4	239-247
11	Roychowdhury, Soma	2009	A Random Demand Random Lead Time Stochastic Inventory System with Time-dependent Prices.	Journal of Statistical Theory and Applications	8	4	506-516
12.	Roychowdhury, Soma	2009	Rearrangement of Components in a System using Component Importance Measures.	Journal of Statistical Theory and Practice	3	4	841-854
13	Sharma, Dinesh K. and Jana, R.K.	2009	A Hybrid Genetic Algorithm Model for Transshipment Management Decisions	International Journal of Production Economics	122	-	703-713
14	Sharma, Dinesh K. and Jana, R.K.	2009	Fuzzy goal programming based genetic algorithm approach to nutrient management for rice crop planning	International Journal of Production Economics	121	-	224-232.
15	Sharma, Hari P. Sharma Dinesh K. and Jana R.K.	2009	Credit Union Portfolio Management - An Additive Fuzzy Goal Programming Approach	International Research Journal of Finance and Economics	30	-	18-29
16	Sharma, Hari P. Sharma, Dinesh K. and Jana, R.K.	2009	Security Analysis and Portfolio Management System Using Multiobjective Chance Constrained Programming	International Journal of Finance		In Press	
17.	Sikdar, P. K. and Sahu, P.,	2009	Understanding wetland sub-surface hydrology	Hydrology and Earth System	13	7	1313-1323

			using geologic and isotopic signatures.	Sciences			
18.	Sikdar, P. K. and Sahu, Paulami,	2009	Understanding wetland sub-surface hydrology using geologic and isotopic signatures,	Hydrology and Earth System Sciences Discussions,	6		1-31
<b>National</b>							
1	Das, Gairik and Isita Lahiri	2009	Visual Merchandising: Creating Value to excel	Survey (July- December)			
2	Maiti P	2009	Motivations for Corporate Citizenship	Effective Executive The Icfai University Press	XII	09	59-66
3	Maiti P	2009	Negotiating Globalization	Sephis	5	1	
4	Maiti P	2009	Rethinking the Indian Exuberant Cycle	Asian Affairs	30		29-32
5	Maiti P.	2009	From Social Capital to Social Profits: Discourses on Corporate Ethics, Governance, Choices and Values	BVIMSR Journal of Management Research	1	2	59-167
6	Maiti P.	2009	Indian General Elections: An Analysis of the Mandate	Management Matters	1	12	93-102
7.	Mitra, Sarbani and Agrawal, K. M	2009	Leveraging Bottom Line of Trade through Environmental Proactiveness	BIFT's Journal of International Management and Research (BJIMR)	1	2	6-18
8	Mitra, Sarbani and Agrawal, K. M.	2009	Development of Sustainable Marketing Model for Urban Livelihood Generation Schemes.	BIFT's Journal of International Management and Research (BJIMR)	1	-	22-30
9.	Mitra, Sarbani, Agrawal, K. M. and Dhar Satyajit	2009	Global Financial Meltdown: Corporate Sustainable Re-Positioning Strategy.	RVIM Journal of Management Research, Bangalore. [ISSN: 0974 6722].	1	2	50-62
10.	Mitra, Sarbani, and Agrawal, K.	2009	Drinking Water: Current Status	Tattwamasi, Monthly Journal of RKVM	-	-	-

	M.						
11.	Mitra, Sarbani; Agrawal, K. M. and Dhar Satyajit	2009	Determinants of Green Corporate Practices in India: An Exploratory Study.	SURVEY	49	1 & 2	88-100
12.	Sadhukhan, I; Mitra, Sarbani; Agrawal, K. M. and Santra, S. C.	2009	Assessment of Industrial Pollution Load Through Empirical Model: A Case Study in Cast Iron Foundries.	SURVEY	49	3 & 4	78-92
13	Sahu, Paulami and Sikdar, P. K.	2009	Understanding landuse/landcover change in and around a freshwater peri-urban wetland ecosystem using remote sensing and geographical information system.	Survey	49	1&2	113-126
14.	Sahu, Paulami and Sikdar, P. K.,	2009	Assessment of aquifer vulnerability to groundwater pollution by multi-criteria analysis in and around East Calcutta Wetlands, West Bengal, India.	Asian Journal of Water, Environment and Pollution	6	2	31-42.
15.	Sikdar, P. K., Chakraborty, Surajit and Roy, Bandana	2009	Groundwater Potential Zoning and Development Plan of the western part of Dwarkeswar Watershed, Puruliya District, West Bengal - A GIS and Remote Sensing Approach	Indian Journal of Geology	79	1-4	35-46
16	Sikdar, P.K. and Sahu, P	2009	Capacity building in groundwater management with emphasis on numerical modeling of groundwater flow: Proceedings of Regional Workshop on "Ground water related issues – West Bengal,	Technical Session – III Capacity Building, CGWB, Eastern Region, Ministry of Water Resources, Govt. of India	-	-	122 - 126

			Andaman & Nicobar Islands and Sikkim”				
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## 2. Books

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of Publisher	Page
1	Banerjee, K. and Mohanty, M.	2009	Gender Discrimination and Atrocities against Women Employees – Violation of Basic Human Rights in Post Liberalisation Era	Deep & Deep Pvt. Ltd., Delhi	-
2	Halder, UK.	2009	Human Resource Development	Oxford University Press, New Delhi. [ISBN 9780195698718]	664
3	Mitra, Sarbani, Agrawal, Krishna M. and Dhar, Satyajit	2009	Environmental Management and Business Strategies.	Discovery Publishing House Pvt. Ltd, New Delhi. (ISBN 978-81-8356-469-4)	-

## 3. Books edited

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of Publisher	Page
1	Maiti Prasenjit	2009	Corporate Social Responsibility: Critiques, Policies and Strategies	Sharda Volumes 1 and 2	-
2	Das, Gairik	2009	Understanding Organisational Behavior in Retail	-	-
3.	Das, Gairik	2009	Retail Strategy	-	-
4	Das, Gairik	2009	HR in Retail	-	-

## 4. Chapters in Books

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of the Publisher	Chapter Name & No.	Page
1	Mitra, Dr. Sarbani; Agrawal, Dr.	2009	Assessment of Environmental Proactiveness of	Springer LNCS-CCIS	Paper ID: 502	-

	K. M. and Dhar, Dr. Satyajit		Business Units: An Empirical Study in Indian Perspective in Springer Digital Library			
2	Mitra, Dr. Sarbani; Agrawal, Dr. K. M. and Sadhukhan, Indranil	2009	Assessment of Impact of Climate Change on Natural Resources - A Case Study on Sunderban Mangrove Ecosystem	Macmillan	-	-
3	Mitra, Sarbani and Agrawal, Dr. K. M.	Accepted , 2009	A Business Strategy for Marketing the Products & Services of T&CG/SHGs - An Analytical Case Study on Baluchari Sarees of Bishnupur in Singh, Dr. Gajendra and Bamrara, Atul (ed.), <i>Management Strategies &amp; Innovation</i>	HNB Garhwal University (Central University), Dehradun, Uttarakhand	-	-
4	Ray, S.N.	2009	Entrepreneurship – In Search of Evaluation Models in Studies in Accounting, Finance & Management.	Netaji Subhas Open University		
5	Sikdar, P. K.	2009	Science & Technology for Sustained Progress and Survival Ed. G. N Saha, A. K. Mitra, P.S. Chakrabarti, S.Bhadury & S. Ghosh	Institute of Social Studies, Kolkata,	Scope of Rainwater Harvesting in Kolkata and its Environmental Consequences	138-141



## 5. Papers in Seminar/Conference Proceedings

Sr. No.	Author(s)	Year of Publication	Title of Publication	Details of Seminar/Conference	Page
<b>International</b>					
1	Choudhury, B.K.	2009	Assessment of Tidal Power	22 <sup>nd</sup> WORLD ENERGY ENGINEERING CONGRESS, held during November 4-6, 2009 at Washington DC, USA.	-
2	Choudhury, B.K.	2009	Energy Management for Sustainable Development	International Seminar on the topic “Renewable Energy, Energy Security and Sustainable Development” held during 20 <sup>th</sup> to 22 <sup>nd</sup> March 2009 at Jalpaiguri Government Engineering College, Jalpaiguri.	-
3	Das, Gairik	2009	Using Visual Merchandising as a tool to create Business Excellence in the Retail Sector	International Conference in Burdwan University	-
4	Farooqui, Zuber; Kuruvilla, John and Biswas, Jhumoor	2009	A perspective on Development of Effective Control Strategies in urban regions of South and Central Texas	31 <sup>st</sup> ITM - NATO/SPS International Technical Meeting on Air Pollution Modeling and its Application at San Francisco in May 2009.	-
5	Halder, U.K.	2009	Achieving Excellence in Business – Focus Human Resource	International Conference on Achieving Excellence in Business Organizations: Issues and Challenges, Centre for management studies, University of Burdwan, Burdwan, West Bengal, January 29-31, 2009.	-
6	Halder, U.K.	2009	HRD and TQM Interventions for Sustainable Development in Energy Sector Global Energy Challenges:	Golden Jubilee National Convention and International Seminar. Indian Institution of Industrial Engineering, at Vishakapatnam, 16-18 Jan, 2009.	-

			Strategies for Sustainable Development		
7.	Jana,R. K.; Sharma; K Dinesh., Sharma Hari P.		A Hybrid Decision Support System for Portfolio Selection, Review of Business and Technology Research 2(1),	Proceedings of 2009 International Conference on Global Issues in Business & Technology, Devi Ahilya University, Indore, Dec 22 – 24, 2009, India).	1-6
8.	Mitra, Sarvani and Agrawal, K. M.	2009	A Business Strategy for Marketing the Products & Services of SHGs – A Case Study on Jute Products of West Bengal.	Proc. of Annual Asian Business Research Conference, BIAM Foundation, Dhaka, January 1-2, 2010.	-
9	Mitra, Sarvani,Agra wal, K. M. and Sadhukhan Indranil	2009	Assessment of Impact of Climate Change on Natural Resources - A Case Study on Sunderban Mangrove Ecosystem.	Proc. of International Conference on Climate Change & Sustainable Management of Natural Resources, November 10-12, 2009, Institute of Allied Sciences & Computer Applications, ITM Universe, Sithouli, Gwalior, MP	63-64
10.	Mitra, Sarvani; Agrawal, K. M. and Dhar, Dr. Satyajit	2009	Assessment of Environmental Proactiveness of Business Units: An Empirical Study in Indian Perspective.	Proc. of International Conference on Recent Trends in Business Administration and Information Processing, March 26-27, 2010, Trivandrum, Kerala	-
11.	Mohanty, Madhumita	2009	Paper entitled ‘Inter-State Variation on Human Development Index (HDI) and Social Expenditure – An analysis’.	Presented on the 3 <sup>rd</sup> International Conference on Management and Social Welfare. Theme: Decisions in Management and Social Sciences for Sustainable Development on 14-15 Dec. 2009 at IISWBM	-
12.	Mukherjee KumKum	2009	Towards A Green Management Practice Through Leveraging Diversity: A case study	Paper presented at International Conference on Achieving Excellence in Business Organisations: Issue and Challenges, January, 2009 at Burdwan	

				University.	
13.	Mukherjee KumKum	2009	Prevalent Styles of Business Leaders in the State of West Bengal vis-a vis the Universal Leadership Styles: A Comparative Analysis	Paper presented in the International Conference at IISWBM in 2009	
14.	Paul, Souren and Ray, Sumati	2009	Cultural Diversity, Perception of work atmosphere, and Task Conflict in collaboration Technology Supported Global Virtual Teams: Findings from a Laboratory Experiment.	Hawaii International Conference on System Sciences (HICSS-42) held at Hawaii, USA from 5-8 <sup>th</sup> January, 2009.	-
15.	Ray, S.N.	2009	“Developing Models for Technical Entrepreneurship among Indian SMEs”	5 <sup>th</sup> International Conference on Small & Medium size Enterprise, 10-13 August, 2009	-
16	Ray, Tanima	2009	“Indian Ethos in Management: A Case Study in Culture Specific Management”	6 <sup>th</sup> International Conference on Small and Medium Sized Enterprises organized by the Athens Institute for Education and Research held in Athens, Greece, in August 2009.	-
<b>National</b>					
1.	Agrawal, K. M., Mitra, S. and Sadhukhan, I.	2009	Technological Approach for Reducing Carbon Footprint – A Case Study of Iron & Steel Sector.	Proc. of Celebration of 42 <sup>nd</sup> Engineers’ Day on <i>Engineering Solutions to Combat Climate Change</i> , September 15, (2009). The Institution of Engineers (India), Kolkata.	-
2.	Agrawal, K. M., Mitra, S. and Sadhukhan, I	2009	Standardization of Techniques for Measuring Carbon Footprint.	Proc. of Celebration of World Standard Day on <i>Tackling Climate Change through Standards</i> , October 14, 2009, The Institution of Engineers (India), Kolkata.	-
3	Banerjee	2009	Telemedicine	Research paper was	-

	Sudeepa and Basu Tapati			presented at the National Seminar on Development Communication an aspect of media freedom (24-25 February, 2009, Chennai) and later published by the SRM Private University, Chennai.	
4.	Chakraborty, S,	2009	Some Recent GIS Applications in Transportation and Logistics	Presented a paper in the Annual Workshop for the Junior Scientists Meet, 2009, held on 18 <sup>th</sup> March, 2009, at the Netaji Institute for Asian Studies, Kolkata	-
5	Choudhury, B.K.	2009	“Energy Audit & Conservation Techniques In Power Industries	The 3L programme of Bureau of Energy Efficiency (BEE) on Power Plants held during January 29-30, 2009 at Bidyut Bhawan, West Bengal State Electricity Distribution Company Ltd, Salt Lake, Kolkata.	-
6	Choudhury, B.K.	2009	“Energy Conservation in Municipalities”	Three-day Training Program on “Energy Saving” held during 27 <sup>th</sup> – 29 <sup>th</sup> March 2009 at National Institute of Technology, Durgapur	-
7	Choudhury, B.K.	2009	“Energy Management and Ecopreneurship”	“Ecopreneurship” held February 14, 2009 at Bengal College of Engineering and Technology, Durgapur.	-
8.	Das, Dipanwita; Mitra, Sarbani; Agrawal, K. M. and Santra, S. C.	2009	Assessment of Impact of Climate Change on Livelihood of Local People of Sunderban.	Proc. of National Seminar on <i>Climate Change: Challenges and Mitigation</i> , February 27-28, 2009, Central Calcutta Science & Culture Organization for Youth, Kolkata	-
9	Dhar, Dr. Satyajit and Mitra, Dr. Sarbani	2009	Extent and Determinants of Corporate Social Reporting in India	Proc. of National Seminar on “Corporate Social Responsibility Reporting” under UGC-DSA in Commerce (Phase – III), March 7, 2009, Department of Commerce, University of Calcutta.	-
10	Dutta,	2009	Automation of	National Conference IEDES-	-

	Arindam		Bottling Plant by PLC	09.	
11.	Kumar, Vineet and Biswas, Jhumoor	2009	<i>Perspective of Cyclonic Disaster Management in West Bengal: Aila a case study.</i>	3 <sup>rd</sup> international conference on Decisions in Management and Social Sciences for Sustainable Development held at IISWBM in Kolkata on December 12 and 13 <sup>th</sup> , 2009.	-
12.	Mukherjee, Srabanti	2009	“FACTORS BEHIND THE FAILURE OF SMALL SELF-HELP GROUPS OF HOWRAH DISTRICT IN TERMS OF MARKETABILITY OF THEIR PRODUCTS: A PERSPECTIVE”	the 7 <sup>th</sup> National Congress of Forum of Scientists, Engineers and Technologists” on 7-9 <sup>th</sup> February in Kolkata	-
13.	Sadhukhan, Indranil, Mitra Sarbani, Agrawal, K. M. and Santra, S. C.	2009	Assessment of Potential of Reduction of Green House Gas Emissions by Iron Foundry in West Bengal. Proc. of National Seminar on <i>Climate Change: Challenges and Mitigation</i> , February 27-28, (2009)		-
14.	Sahu, Paulami	2009	Estimation of possible land subsidence rate and its management in Kolkata and East Kolkata Wetlands, West Bengal.	Participated in ‘Junior Scientist Meet’, 18 <sup>th</sup> March, 2009 held at Netaji Institute for Asian Studies, Kolkata	-
15.	Sikdar, P. K.	2009	‘Global Warming and Climate Change: A Hydrogeologist’s Perspective’	Workshop on ‘Climate and Sustainable Development Summit (CSDS) under the aegis of ‘Delhi Sustainable Development Summit 2010’. TERI New Delhi, Basu Memorial Hall, Jadavpur University, Kolkata 16 <sup>th</sup> December 2009	-
16.	Sikdar, P.	2009		Lecture Series at Science and	-

	K.			Technology Fair (20 to 30 November) 2009, Central Park, Salt Lake, 28 <sup>th</sup> November, 2009	
17.	Sikdar, P. K.	2009	Kolkata's Groundwater Scenario	Panel Discussion on Kolkata's Environmental Scenario, ENGIO, Sisir Mancha, 4 February 2009.	-
18.	Sikdar, P. K.	2009	'Rainwater Harvesting for Sustainable Development'	Seminar on 'Rainwater Harvesting & Role Individuals/ Organisations can play', Togetherness for Better Tomorrow and Sabujayan – 118, Tolly Apartment Community Hall, 24 <sup>th</sup> May, 2009, 30 <sup>th</sup> -31 <sup>st</sup> October, 2009.	-
19.	Sikdar, P. K. and Sahu Paulami	2009	Groundwater Contamination in Kolkata City and East Kolkata Wetlands – Evaluation via Numerical Modelling'.	All India Seminar on 'Upgradation of Infrastructure in Megacities – Role of Engineers', Sir R. N. Mookherjee Hall, Civil Engineers Division, The Institution of Engineers (India)	-
20	Sikdar, P. K. and Sahu Paulami	2009	Capacity Building in Groundwater Management with emphasis on Numerical Modelling of Groundwater flow	Regional Workshop on 'Groundwater Related issues- West Bengal, Andaman and Sikkim', CGWB, National Test House Auditorium, 13-14 February 2009	-
21.	Sikdar, P. K. and Sahu Paulami	2009	Capacity Building in Groundwater Management with emphasis on Numerical Modelling of Groundwater flow.	Regional Workshop on 'Groundwater Related issues- West Bengal, Andaman and Sikkim', CGWB, National Test House Auditorium, 13-14 February 2009	-
22.	Sikdar, P. K. and Sahu, Paulami	2009	Capacity Building in Groundwater Management with emphasis on Numerical Modeling of Groundwater Flow	Participated in the Regional Workshop on Groundwater related issues West Bengal Andaman and Sikkim held at National Test House Auditorium, Salt Lake, Kolkata on 13-14 <sup>th</sup> February,	-

				2009.	
23.	Sikdar, P. K. and Sahu, Paulami	2009	Groundwater contamination in Kolkata City and East Kolkata Wetlands – Evaluation via numerical modeling.	Participated in ‘All India Seminar on Upgradation of Infrastructure in Megacities – Role of Civil Engineers’ held at Sir R.N. Mookherjee Hall of The Institution of Engineers (India) on 30-31 <sup>st</sup> October, 2009.	-

## 6. General Articles

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of the Newspaper/Magazine etc.	Page
1	Maiti Prasenjit	20 March 2009	Ethics and Profits	The Telegraph	-
2	Maiti Prasenjit	23 June 2009	Need for Quality Check in B-Schools	Hindustan Times	-
3	Maiti Prasenjit	2009	Reinventing Trust in Urban Development Policies	Tillit	-
4	Maiti Prasenjit	17 November 2009	Reinventing Trust through Corporate Social Responsibility	Hindustan Times	-
5	Maiti Prasenjit	2009	State of Management Education in India	Creation.	Vol. 1, No. 1
6	Mitra Sarbani	November 14, 2009	SPEAKER TODAY	Weekly Bulletin of ROTARY CLUB OF BELUR, R. I. Dist. 3291	43 (15): 1

## 7. Participation in Workshop/Seminar/Conference

Sr. No	Authors (s)	Date	Title of Workshop/Seminar/Conference	Venue of Workshop/Seminar/Conference	Mode of Participation
1	Banerjee Sudeepa and Basu Tapati	2009	Telemedicine	Research paper was presented at the National Seminar on Development Communication an aspect of media	Speaker

				freedom (24-25 February, 2009, Chennai) and later published by the SRM Private University, Chennai.	
2	Chakraborty, Surajit	2009	Annual Workshop for the Junior Scientists Meet, 2009, held on 18 <sup>th</sup> March, 2009 and presented a paper on 'Some recent GIS applications in Transportation and Logistics'	Netaji Institute for Asian Studies	Paper Presenter
3	Choudhury, B.K.	2009	"Energy Audit & Conservation Techniques In Power Industries"	The 3L programme of Bureau of Energy Efficiency (BEE) on Power Plants held during January 29-30, 2009 at Bidyut Bhawan, West Bengal State Electricity Distribution Company Ltd, Salt Lake, Kolkata.	Invited Paper Presenter
4	Choudhury, B.K.	2009	"Energy Conservation in Municipalities"	Three-day Training Program on "Energy Saving" held during 27 <sup>th</sup> – 29 <sup>th</sup> March 2009 at National Institute of Technology, Durgapur	Invited Paper Presenter
5	Choudhury, B.K.	2009	"Energy Management and Ecopreneurship"	"Ecopreneurship" held February 14, 2009 at Bengal College of Engineering and Technology, Durgapur.	Invited Paper Presenter also Chief Guest in Panel Discussion
6	Mohanty Madhumita	2009	3 <sup>rd</sup> International Conference on Management and Social Welfare. Theme: Decisions in Management and Social Sciences for Sustainable	IISWBM	



			Development Paper entitled 'Inter- State Variation on Human Development Index (HDI) and Social Expenditure – An analysis' accepted for presentation on 14-15 Dec. 2009.		
7	Sahu, Paulami	2009	Regional Workshop on 'Groundwater Related issues- West Bengal, Andaman and Sikkim' and presented a on 'Capacity building in groundwater management with emphasis on numerical modeling on groundwater flow'. The seminar was organized by CGWB.	National Test House Auditorium Sector-V,CP Bloc-6, Salt Lake,Kol- 91	Invited Paper Presenter
8	Sahu, Paulami	2009	Annual Workshop for the Junior Scientists Meet, 2009, held on 18 <sup>th</sup> March, 2009 and presented a presented a paper on 'Estimation of possible land subsidence rate and its management in Kolkata and East Kolkata Wetlands, West Bengal'.	Netaji Institute for Asian Studies	Paper Presenter
9.	Sikdar, P.K.	2009	National Seminar on 'Climate Change: Challenges and Mitigation' and delivered a Key Note Address on 'Global Warming and Climate Change: A Geologist's Perspective'. The seminar was organized by 'Central Calcutta Science & Cultural Organisation for Youth	Science City, Kolkata	Key Note Speaker in Technical Session 3 (Climate Change Mitigative Measures)
10	Sikdar, P.K.	2009	Regional Workshop on 'Groundwater Related issues- West Bengal, Andaman and Sikkim' and presented a on 'Capacity building in groundwater management with emphasis on numerical modeling on groundwater flow'. The seminar was organized by CGWB.	National Test House Auditorium Sector-V,CP Bloc-6, Salt Lake,Kol- 91	Invited Paper Presenter
11	Sikdar,	2009	Panel Discussion on Kolkata's	Sisir Mancha	Panel Speaker

P.K.	Environmental Scenarion
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### 8. Management Development Programmes Organized:

Resource Persons	Period	Title of MDP/PDC	Sponsor/Venue of Workshop/Seminar/Conference	Days/Hours
Agrawal K. M. and Mitra Sarbani	July 1-3, 2009	Land Acquisition Issues and R&R” for NTPC Executives	NTPC, Power Management Institute (PMI), Noida, UP	8 hrs per day – 3 days
Choudhury B.K. and Dutta Arindam	14 <sup>th</sup> Jan-29 <sup>th</sup> April 2009	5 <sup>th</sup> Short-term Certificate course on Energy Management and Audit	IISWBM	5 PM to 7.45 PM 120hours
Choudhury B.K. and Dutta Arindam	July 9 to September 17, 2009	6 <sup>th</sup> Short-term Certificate course on Energy Management and Audit	IISWBM	5 PM to 7.45 PM 120 hours
Mohanty Madhumita	2009	A1-Day Programme on Improvement of Personal Efficiency	Organised by Power Grid Corporation, Eastern Region. December, 2009	-
Mukhopadhyay SP, Ghosh Sandip, Sen Sanghamitra	18 <sup>th</sup> May - 21st July, 2009	4 <sup>th</sup> PDC Course for Senior Medical Officers of NE-States of India	Ministry of Health and Family Welfare, Government of India at IISWBM	-
Mukhopadhyay SP, Ghosh Sandip, Sen Sanghamitra	12 <sup>th</sup> Oct-18 <sup>th</sup> Dec, 2009	5 <sup>th</sup> PDC Course for Senior Medical Officers of NE-States of India	Ministry of Health and Family Welfare, Government of India at IISWBM	-
Ray Tanima	2009	Postgraduate Diploma in Public Health Management (PGDPHM)	course offered by IISWBM in collaboration with All India Institute of Hygiene and Public Health, Kolkata	-
Sikdar P.K. Chakraborty Surajit Sahu Paulami	15 <sup>th</sup> October, 2009 to 15 <sup>th</sup> January, 2010	Fifth 3-month post graduate Certificate Course on “Groundwater Development & Management”	Course offered by IISWBM in collaboration with Centre for Groundwater Studies, Kolkata	2hrs per day
Sikdar P.K. Chakraborty Surajit Sahu Paulami	1 <sup>st</sup> February to 28 <sup>th</sup> February	Second 1-month certificate Course on ‘GIS Techniques and Applications’.	Course offered by IISWBM	2hrs per day

	2009			
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### 9. Research Projects Undertaken

Principal Investigator	Title of the Project	Funding Agency	Duration of the project		
			From	To	No. of years
Choudhury BK	Demonstrative Study for Providing Energy Efficient Street Lighting System in Salt Lake under Bidhannagar Municipality, Kolkata in West Bengal	Bureau of Energy Efficiency (BEE)	-	-	-
Sikdar PK	'Arsenic Migration in the Aquifers of West Bengal' in collaboration with University College London, IIT Kharagpur & Centre for Ground Water Studies	UNICEF	March 2009	May, 2010	1 year 3 months

### 10. Consultancy Undertaken

Sl. No.	Resource Persons	Project Title	Name of Sponsor	Period
1	Chinmoy Jana	Coordinating Institutional Monitoring System for CAPART's sponsored Project during Pre-funding, Mid-term funding and Post evaluation.	CAPART, Ministry of Rural Development, Govt. of India.	2008 onwards
2	Choudhury BK	Energy Audit as a Measure of Energy Efficiency Improvements in two selected Municipalities (Kalyani, Chandennagor)	Kolkata Urban Services for the Poor (KUSP) Programme Municipal Affairs Deptt., Govt. of West Bengal	-

3	Choudhury BK	Energy Study and Assessment of Clean Development Mechanism (CDM) Opportunity at different Circles of the Kolkata Zone.	West Bengal State Electricity Distribution Company Limited (WBSEDCL)	-
4	Mohanty Madhumita	HR Development Training Consultancy for 1400 UCO Bank Managers of India		2008 onwards
5	Sikdar PK and Chakraborty S	Hydro geological appraisal for the construction of Tubewells in Patharpratima block, South 24-parganas District	Funded by Lutheran World Services	-

### 11. Submitted Research Proposal

Principal Investigator	Title of the Project	Funding Agency	Duration of the project		
			From	To	No. of years
Mukherjee, Buddhadiip	Competency Mapping Study	National Institute Of Orthopaedically Handicapped, Kolkata 2009	-	-	-
Sikdar, P.K. Sinha Ray S.P and Chakraborty S	Numerical modelling of groundwater flow of south Bengal Basin with special emphasis on arsenic transport in Jamuna Sub-basin, Nadia and North 24-Parganas Districts, West Bengal.	Department of Science and Technology, New Delhi, 2009	-	-	-

### 12. Board of Referees in any International/National Journals?

#### 1. Chinmoy Jana

##### International

- 'Energy – The International Journal', Elsevier, USA
- 'Journal of Solar Energy', Elsevier, USA
- Reviewer for SERC- DST Projects ( Mathematical Sciences)

- Facilitator cum Evaluator for CAPART, Ministry of Rural Development, Govt. of India, Aided Projects

#### **National**

- Journal of Scientific & Industrial Research, published by National Institute of Science Communication and Information Resources, CSIR, New Delhi.

#### **2. Jhumur Biswas**

- Journal of Applied Meteorology
- Atmospheric Environment

#### **3. Pradip K Sikdar**

##### **International**

- Journal of Asian Earth Sciences
- Environmental Monitoring and Assessment

##### **National**

- Indian Journal of Geology
- Indian Journal of Earth Sciences
- Current Science

#### **4. Prasenjit Maiti**

##### **International**

- Policing: An International Journal of Police Strategies & Management (College of Education, Division of Criminal Justice, University of Cincinnati, USA).
- Environment & Development Economics (University of York, Heslington, York, UK) published by the Cambridge University Press and Crime Prevention & Community Safety (Perpetuity Press, Leicester, UK)
- Globalization and Health (published from London).
- Crime Prevention & Community Safety (Perpetuity Press, Leicester, UK)

#### **5. S. P. Mukhopadhyay**

- Indian Journal of Medical Association (JIMA)
- Indian Journal of Public Health Association ( IJPHA)

#### **6. Soumitra Kumar Mallick**

- Quantitative Finance(Springer)
- Pearson Education text books.

## 9. Soma Roychowdhury

- Stochastic Modelling and Applications: A Journal of Stochastic Process and its Application
- Journal of Indian Association of Productivity, Quality and Reliability
- New Age Publishers (book review)

## 13. Details of Research Scholars who have submitted/awarded Ph.D. degrees from recognized University.

### 1. Binoy Krishna Choudhury

Name of the student	Shri Subhashish Banerjee
Title of Thesis	Impact Assessment of Ocean Energy Systems, including Environmental Impact.
Date of Registration	Not available
Name of University	Coventry University, UK
Sponsor	Not available

Name of the student	Shri H S Rauth
Title of Thesis	Socio-Economic-Environmental Impact Assessment of SPV and Bio-mass Systems in India and Plan for Implementation of the Findings in Future Projects.
Date of Registration	Not available
Name of University	Bengal Engineering & Science University;
Sponsor	Not available

### 2. Chinmoy Jana

Name of the student	Kaushik Paik
Title of Thesis	Rural Marketing
Date of Registration	2007
Name of University	NSOU
Sponsor	Self Sponsor

### 3. K. M. Agrawal

#### **Ongoing**

Name of student: Mr. Avinash Singh  
Title of thesis: Environmental Impact Assessment of Infrastructural Project with Special Reference to Highway Project in India  
Date of Registration: 2005  
Name of University: BIT, Mesra, Ranchi  
Sponsor: NA  
Name of student: Lt Col Balaram Mandal

Title of thesis: Assessment of Prospect of Implementation of Clean Development Mechanism (CDM) in Developing Country like India with Special Reference to Major Industrial Sector

Date of Registration: 2005

Name of University: Netaji Open University

Sponsor: NA

Name of student: Mr. Indranil Sadhukhan

Title of thesis: Study on Evaluation of Opportunities And Risks of Operationalizing the Industrial Ecology Concept – A Niche For Sustainable Development

Date of Registration: 2008

Name of University: Kalyani University

Sponsor: NA

Name of student: Mr. Souvik Banerjee (Pursuing)

Title of thesis: Study On Prospects and Potentials of Environmental Management Systems

Date of Registration: 2008

Name of University: Aligarh Muslim University

Sponsor: NA

Name of student: Mr. A. K. Nath

Title of thesis: Environmental Impact Assessment of Port industry

Date of Registration: 2004

Name of University: APS University, Rewa, MP

Sponsor: NA

Name of student: Mr. T. K. Giri

Title of thesis: Study on Impact of Coal Mining on the Environment  
with special reference to the Vegetation

Date of Registration: 2003

Name of University: Visva Bharati

Sponsor: NA

#### **4. Kumkum Mukherjee**

Name of student: Ms. Aditi Banerjee

Title of thesis: Employee motivation and its possible impacts on job behaviour

Date of Registration: 2008

Name of University: West Bengal University of Technology

Sponsor: Self

#### **5. Madhumita Mohanty**

Name of the student: Mr. Kaushik Banerjee

Designation: Lecturer, George College of Management and Science,  
Kolkata,

Title of Thesis: A Study to determine the Application of Indian Labour

Development Welfare Statutes/Legislations in Organisation  
in Indian Context”  
Date of Registration: 14. 05. 2007  
Name of University: Netaji Subhas Open University  
Sponsor : Self- sponsored

## **6. Pradip K. Sikdar**

### **Awarded 2009**

Name of the student: Paulami Sahu (CSIR-SRF(NET))  
Title of thesis: Groundwater Resource assessment and management of the area in and around East Calcutta Wetlands, West Bengal”. [Submitted]  
Date of Registration: No. 3069 Ph.D. (Sc.) Proceed/2004 dated 22.9.2004  
Name of University: University of Calcutta  
Sponsor: Council For Scientific and Industrial Resaearch (CSIR), Govt. of India

### **Ongoing**

Name of the student: Antara Adhikari  
Title of thesis: Hydrogeologic framework of the South Haora Alluvial Plain, Haora District, West Bengal  
Date of Registration: No. 3568 Ph.D. (Sc.) Proceed/2007 dated 5.11.2007  
Name of University: University of Calcutta  
Sponsor: Self

Name of the student: Saji Krishnan K  
Title of thesis: Impact of industrialization on groundwater regime of Lower Periyar Basin, Ernakulum District, Kerela  
Date of Registration: Applied for  
Name of University: University of Calcutta  
Sponsor: Self

## **7. S. P. Mukhopadhyay**

Name of the student: Niloy Sarkar, M.Phil.  
Title of thesis: Economics of Health Care  
Date of Registration: 2006  
Name of University : Pillani University  
Sponsor: College of NSHM Knowledge Campus, Durgapur

## **8. S.N. Ray**

Name of the student Rajib Kumar  
Title of thesis: Need for Synchronization of Classical Views and IT advances (SME Sector)  
Date of Registration: 4<sup>th</sup> August, 2008



Name of University: SRM University, Tamil Nadu

Name of the student : Amit Kr. Basu

Title of thesis: Design & Application of a suitable model to direct collective efforts  
of workmen towards strategic business enable.

Date of Registration: 21<sup>st</sup> October, 2008

Name of University: NSOU, Kolkata

**FACULTY RESEARCH OUTPUT FOR THE PERIOD-2008**



**INDIAN INSTITUTE OF SOCIAL WELFARE AND BUSINESS MANAGEMENT**  
**Management House, College Square (West), Kolkata 700 073**

## D. Detail List of Research Output

### 1. List of Publication in Referred Journal

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of the Journal	Vol.	No.	Page
<b>International</b>							
1.	Bhandari, Amit K.	2008	Union Membership Effect on Wage Premiums: Evidence from Organized Manufacturing Industries in India	IZA Discussion Paper Series, Institute For the Study of Labour, Germany	IZA DP No. 3747	-	1 - 14
2	Baidya, M. K. and Basu	2008	Marketing expenditure	J. of targeting, measurement and analysis in marketing	16	3	1-8
3	Baidya, M. K. and Ghosh	2008	Sales promotion in emerging marketing	Int. J. of Business and Emerging markets (IJBEM)	In Press		
4	Bhattacharya, S. C. & Jana, Chinmoy	2008	Renewable energy in India: historical developments and prospects	Energy, Elsevier	In Press		
5	Sahu, Paulami and Sikdar, P.K.,	2008	Hydrochemical framework of the aquifer in and around East Calcutta Wetlands, West Bengal, India,	Environmental Geology	55	4	823-835
6	Jana, R. K. and Sharma, Dinesh K.	2008	Genetic Algorithm based Fuzzy Goal Programming for Class of Chance Constrained Programming Problems	International Journal of Computer Mathematics	Accepted		
7	Pal, Soubarna	2008	Real Exchange Rate Overshooting in Real Business Cycle Model- An Empirical Evidence from India	Cardiff Economics Working Papers	In Press		
8	Pal, Soubarna	2008	Does Public Investment	Cardiff	In Press		

			Boost Economic Growth? Evidence from an Open Economy Macro Model for India	Economics Working papers			
9	Pal, Soubarna	2008	Real Exchange Rate Overshooting in Real Business Cycle Model- Some Empirical Evidence from India	Journal of Quantitative Economics in January, 2009	6	1& 2	-
10	Sahu, Paulami and Sikdar, P.K.	2008	Hydrochemical framework of the aquifer in and around East Calcutta Wetlands, West Bengal, India,	Environmental Geology	55	4	823-835
11	Roy chowdhury, Soma	2008	On Performance of Estimators of Parameter in Autoregressive Model of Order One and Optimal Prediction under Asymmetric Loss	Model Assisted Statistics and Applications (USA)	3	3	225-232
12	Roy Chowdhury, Soma	2008	A Note on Comparison of Performances of Systems of Different order	Journal of Applied Statistical Science	16	3	-
13	Sikdar, P.K. and Surajit Chakraborty,	2008	Genesis of arsenic in groundwater of North Bengal Plain using PCA: A case study of English Bazar Block, Malda District, West Bengal, India,	Hydrological Processes	22	12,	1796-1809.
14	Sharma, Hari P., Sharma, Dinesh K. and Jana, R. K.	2008	Credit Union Portfolio Management - An Additive Fuzzy Goal Programming Approach	International Research Journal of Finance and Economics	Accepted	-	-
<b>National</b>							
1	Bhandari, Amit K. & Heshmati, Almas	2008	Wage Inequality and Job Insecurity among Permanent and Contract Workers in India: Evidence from Organized Manufacturing Industries	ICFAI Journal of Applied Economics	7	1	80-111
2.	Maity, and	2008	An econometric analysis	Bhavishya	1	2	95-102

	Baidya, M. K.						
3.	Mitra, Sarbani, Dhar, Satyajit and Agrawal, K. M.	Accepted, 2008	Factors Determining the Environmental Proactiveness of Some Selected Units in India	<i>Journal of Management Research</i> , University of Delhi, Delhi.	-	-	-
4.	Mitra, Sarbani, Dhar, Satyajit and Agrawal, K. M.	2008	What Triggers Corporate Practices and Environmental Performance? An Empirical Evidence for India	<i>The Icfai Journal of Management Research</i> , The Icfai University Press, Hyderabad.	7	10 (October 2008)	48-69
5.	Mitra, Sarbani, Dhar, Satyajit and Agrawal, K. M.	2008	Environmental Proactiveness: A Study of Selected Industries in India	<i>Journal of Management Research</i> , University of Delhi, Delhi.	8	2 (August 2008), Print ISSN : 0972 - 5814	96-111
6.	Mitra, Sarbani, Dhar, Satyajit and Agrawal, K. M.	2008	Assessment of Corporate Environmental Proactiveness	<i>South Asian Journal of Management</i> , AMDISA, University of Hyderabad, Hyderabad.	15	3 (July -Sep 2008), ISSN : 0971 - 5428	101-135
7	Mohanty, M	2008	Search Beyond Success – A Real Life Case Study	<i>Manav</i>	5	-	11-13
8	Mohanty, M.	2008	Self Motivation: A Case Study	<i>Manav</i>	6	-	1- 4
9.	Ray, S. N.	2008	Book Review – Corporate Governance in India – An Evaluation	<i>Journal of Services Research</i>	8	2	205
10	Ray, S.N	2008	Green Purchasing – a part of Corporate Social Responsibility (CSR	SURVEY	48	3-4	84-90
11	Saha, D, Dhar,	2008	Geochemical evolution of	<i>Journal</i>	71	4	473-

	Y.R. and Sikdar, P.K.,		Groundwater in the Pliocene aquifers of South Ganga Plain, Bihar,	Geological Society of India			482
12	Sikdar, P. K.	2008	Indian Coastal Zone: Regulation or Management !	Asian Studies	26	2	40-52

## 2. Books

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of Publisher	Page
1	Maiti, Prasenjit	2008	Development Ethics	Concept	260
2	Mukherjee, Kumkum	In Press	Organizational Behaviour	Vijay Nicole Imprints	-

## 3. Books edited

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of Publisher	Page
1	Maiti, Prasenjit	2008	Development Studies, Volumes 1 and 2	New Delhi: Atlantic	-
2	Maiti, Prasenjit	2008	Social Capital, Volume 1 and 2	New Delhi: Atlantic	-
3	Maiti, Prasenjit	2008	Global Environment, Volumes 1 - 4).	New Delhi: Atlantic,	-
4	Maiti, Prasenjit	2008	Rural Development, Volume 3	New Delhi: Atlantic	-
5	Maiti, Prasenjit	2008	From Negations to Negotiations	New Delhi: Pragun	-

#### 4. Chapters in Books

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of the Publisher	Chapter Name & No.	Page
1	Bhattacharya, S C and Choudhury, B. K.	2008	Global Change and Sustainable Development: Asia-Pacific Perspectives Ed. by Pak Sum Low	Cambridge University Press (CUP)	Part II: Towards Sustainable Development - Sustainable energy issues and options: the case of India	In press
2	Bhandari, Amit K. & Heshmati, Almas	2008	Wage Inequality and Job Insecurity among Permanent and Contract Workers in India: Evidence from Organized Manufacturing Industries	Amicus Books	111	150
3	Biswas, J.and Kuruvilla John	2008	The Changing Climate in South Texas 1900-2100, Problems and Prospects, Impacts and Implications	Kingsville-Crest Ressaca	Climate change impacts on regional and urban air quality in South Texas	158 pp ISBN no: 09798 42603
4	De, Jayanti	2008	Management of Urban Services: The Role of Management Institutions	Allied Publishers Pvt. Ltd., New Delhi	Scope for Public-Private Partnership in Management of Urban Services with Special Reference to Kolkata	117
5	Mukhopadhyay, S. P.	2008	Personal Management with	Eastern India-The Indian		159-162

			special reference to conflict management	Express		
6	Mohanty, M.	Accepted for Publication	-	University of Athens in collaboration with the Athens Institute for Education and Research	“Families: What makes them Functional and Dysfunctional? A Comparative Study of Normal with Young Substance Abusing Families”	-
7.	Sikdar, P. K.	2008	Status of Environment in West Bengal; A Citizen’s Report	ENDEV – Society for Environment and Development	Groundwater Scenario of West Bengal (Chap. 5)	31-59
8.	Sikdar, P. K.	2008	Hydrological Research in India: Significant Papers from the Journal and Memoirs of the Geological Society of India 1959-2008 Ed. Subhojyoti Das	Geological Society of India	Geology of the Quarternary Aquifers of the Twin City of Calcutta-Howrah	107-125

### 5. Papers in Seminar/Conference Proceedings

Sr. No.	Author(s)	Year of Publication	Title of Publication	Details of Seminar/Conference	Page
<b>International</b>					
1	Biswas, J. K. John and Z.M. Farooqui	2008	Modeling the impact of temp perturbations on urban and regional levels in S. Texas.	19 <sup>th</sup> International Ass. of science and technology for development –Modeling and Simulation Conference (IASTED) from May 26-May 28 at Quebec city Canada	6 pages
2	Choudhury	2008	“Energy Audit In	21 <sup>st</sup> WORLD ENERGY	-



	B.K.		Two Selected Indian Industries”	ENGINEERING CONGRESS held during October 1-3, 2008 at Washington DC, USA.	
3	Choudhury B.K.	2008	“Some Opportunities Of Co-Generation In Eastern And North-Eastern India”	21 <sup>st</sup> WORLD ENERGY ENGINEERING CONGRESS held during October 1-3, 2008 at Washington DC, USA.	-
4	Datta, Sutapa	2008	Study of Supply Chain Behaviour in Some Process Industry	Department of Mechanical Engineering, Institute of Technology, Banaras Hindu University	79-85
5	Jana, R.K.	2008	A Soft Computing technique for Transshipment Management Decisions using Fuzzy Goal Programming Framework [This paper received the BEST PAPER AWARD]	2008 International Conference on Global Issues in Business & Technology held at Modern Technology and Management Institute (MTMI), Inc., Faridabad from July 31 in collaboration with National Institute of Financial Management, India, University of Maryland Eastern Shore, USA and MTMI, USA	-
6	Mitra, Sarbani and Agrawal, Dr. K. M.	2008	Rapid Environmental Impact Assessment Study for A Housing Project	Proc. of 3 <sup>rd</sup> International Conference of National Environmentalists Association on Environmental Science and Technology for Sustainable Development, January 18-20, 2009, Government College for Women, Srikakulam, AP	-
7	Mitra, Sarbani, Agrawal, Dr. K. M., Dhar, Dr. Satyajit and Dutta, Prof. Ashoke K.	2008	An Integrated Model for Determination of Environmental Proactiveness of Industrial Units in West Bengal	Proc. of International Conference on Enterprise and Environment: Towards Global Citizenship, January 4 – 5, 2008, ICFAI Business School, Kolkata in association with Association of Indian Management Schools.	110-125
8	Mitra,	2008	Development of	Proc. of 2 <sup>nd</sup> International	-

	Sarbani, Agrawal, Dr. K. M., Dhar, Dr. Satyajit, Purkayastha, Dr. P. and Dutta, Prof. Ashoke K.		Sustainable Business Model for Steel Industry	Conference on Contemporary Issues in Management & Labour Welfare in South Asian Industry, December 18 - 19, 2008, IISWBM, Kolkata.	
9	Mitra, Sarbani, Agrawal, K. M., Dhar, Satyajit and Dutta, Ashoke K.	2008	An Integrated Model for Assessing Green Business Practices: An Empirical Study In India	Proc. of 4 <sup>th</sup> International Conference on Environmental Science and Technology, July 28-31, 2008, Texas, USA.	65-66
10	Mitra, Sarbani, Agrawal, K. M., Dhar, Satyajit and Dutta, Ashoke K.	2008	An Integrated Model for Determination of Environmental Proactiveness of Industrial Units in West Bengal	Proc. of International Conference on Enterprise and Environment: Towards Global Citizenship, January 4 – 5, 2008, ICFAI Business School, Kolkata in association with Association of Indian Management Schools.	110-125
11	Mohanty, M.	2008	“ Communication Pattern of Young Substance Abusing and Normal Families: A Comparative Study”	“International Seminar on Adolescent Health in the Fast-Changing Economic Environment” at Centre of Advanced Study in Psychology, Utkal University, Orissa	-
2	Mukherjee, Kunkum and Ganguly, Sraboni	2008	‘Impact of Job Analysis on Man Power Planning in a Courier Industry	42 <sup>nd</sup> International Conference by Indian Association of Applied Psychology, at Department of Applied Psychology, CU fro February 7-9, 2008	125
13	Mukhopadhyay, S. P.	2008	Evidence based Tropical Diseases	Private Practitioner, Christchurch Association, New Zealand	-
14	Ray, S. N.	2008	Corporate Ethics & Social Responsibility on Change in Tech. in Indian SMEs	Academy of World Business Markets & Management Development (AWBM & MD) Rio de Janeiro, Brazil	-

				16 <sup>th</sup> -18 <sup>th</sup> July, 2008 (Paper accepted, not presented)	
15	Ray, S. N.	2008	Technical Entrepreneurship Model & Evaluation Method (High tech SMEs in India)	2008 International Council for Small Business World Saint Mary's University, Halifax, Nova Scotia, Canada 22 <sup>nd</sup> – 25 <sup>th</sup> June, 2008 (Paper accepted & presented, published in Conference Proceedings)	-
16	Sadhukhan, Indranil; Agrawal, K. M. & Santra, S.C.	2008	Leveraging Business Bottomline Through Effective Waste Management In Metal Industries	Proc. of 2 <sup>nd</sup> International Conference on Contemporary Issues in Management & Labour Welfare in South Asian Industry, December 18 - 19, 2008, IISWBM, Kolkata.	-
17	Sahu, Paulami and Sikdar P. K.	2008	Groundwater Management of Kolkata and East Kolkata Wetlands : Evaluation via Numerical Modelling	Second annual International Conference on 'Contemporary issues in Management and Labour Welfare in South Asian Industry', IISWBM, 18-19 December 2008	7-8
18	Sharma, Dinesh K., Jana, R. K.	2008	A soft computing technique for transshipment management decisions using fuzzy goal programming framework	2008 International Conference on Global Issues in Business & Technology, National Institute of Financial Management, Faridabad in Collaboration with University of Maryland Eastern Shore, & Modern Technology & Management Institute Inc., USA, Jul 31-Aug 01, 2008, India.	-
19	Sharma, Hari P., Jana R. K. and Sharma, Dinesh K.	2008	Inventory Management Decisions – An Application of Tolerance Allowance Fuzzy Goal Programming	do	-
20	Sharma, Hari P., Jana, R.	2008	Chance Constrained Programming for	39 <sup>th</sup> Annual Meeting of Decision Sciences Institute,	-

	K. and Sharma, Dinesh K.		Security Analysis and Portfolio Management	Baltimore, Maryland, Nov 22-25, 2008, USA	
21	Z.M. Farooqui. Biswas, J. and Kuruvilla J.	2008	Potential impact of climate perturbations on ozone episodes over urban areas in South Texas	101 <sup>st</sup> annual Air and Waste Management Conference and exhibition (24 <sup>th</sup> June-27 <sup>th</sup> June) held at Portland Oregon	-
<b>National</b>					
1	Bhandari, Amit K.	2008	Building Passive Income with Derivatives: A Conservative Investment Strategy for Indian Stock Market	UGC sponsored Conference on Capital Market: Opportunities and challenges with special emphasis on small investors	-
2	Chakraborty Shantanu	2008	'The Recent Development of Financial System and Information Technology in Indian Context'	UGC sponsored Seminar held on 21 <sup>st</sup> & 22 <sup>nd</sup> of August, 2008 at Vivekananda College, Kolkata	
3	Mitra Sarbani, Agrawal, K. M., Dhar, Satyajit and Dutta, Ashoke K.	2008	Green Corporate Marketing Practices of Manufacturing Units: An Empirical Study in Eastern India	Proc. of National Conference on Green Marketing, April 21-22, 2008, IMT, Ghaziabad	-
4	Mitra, Sarbani, Agrawal, K. M., Dhar, Satyajit and Dutta, Ashoke K.	2008	Environmental Performance of Manufacturing Units: An Empirical Study in West Bengal	Proc. of National Seminar on Environment and Development, February 22 – 23, 2008, West Bengal Academy of Science & Technology, Kolkata.	29 - 30
5	Mohanty Madhumita	2008	Gender Discrimination and Atrocities against women Employees – Violation of Basic Human Rights in Post Liberalisation Era	National Seminar on Globalisation and Inequality, Organised by Bengal Economic Association in collaboration with Indian Economic Association and CSES, Rabindra Bharati University, on 20-21 June, 2008	-

6	Ray, S. N.	2008	Optimizing Supply Chain Performance of Perishable Items	National Conference on Public Procurement (NACOMMER-2008) Shillong, Meghalaya 15 <sup>th</sup> – 16 <sup>th</sup> February, 2008 (Paper presented, published in Conference Proceedings)	-
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## 6. General Articles

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of the Newspaper/Magazine etc.	Page
1	Choudhury, B. K. and Kayal, Mrinmoy	2008	Combat Global Warming	Resurgent East Published by The Bengal National Chamber of Commerce & Industry	Vol. I, Issue VI, pp 14-20
2	Das, Gairik	May 2008	Retail Management as a career	India Today – Uttaran	
3	Datta, Sutapa	2008	Chain Behaviour in Process Industries	<i>Educational Journal</i> , Mumbai: The Indian Express Group, 4 <sup>th</sup> ed	92-99
4	Dutta, Abhishek, Mitra, Sarbani, <i>et al</i>	2008	Pesha Jeman Poshak Teman	<i>Sukhi Grihacone</i> , June 1, 2008	9 (2): 25
5	Mitra, Sarbani	November, 22, 2008	SPEAKER TODAY	Weekly Bulletin of ROTARY CLUB OF BELUR, R. I. Dist. 3291	42 (17): 1
6	Mitra, Sarbani	2008	Bonodaptare Chakrir Pariksha	<i>Sera Prastuti</i> , Supporting Monthly Magazine of Kaajcareer, August, 2008	5: 69-75

## 7. Participation in Workshop/Seminar/Conference

Sr. No	Authors (s)	Date	Title of Workshop/Seminar/Conference	Venue of Workshop/Seminar/Conference	Mode of Participation
1.	Agrawal, K. M.	2008	Environment Partnership Summit 2008 – Establishing Greener Roadmap for Global Business	Indian Chamber of Commerce in association with the Department of Environment, Government of West Bengal and West Bengal Pollution Control Board	Participant
2.	Agrawal, K. M.	2008	State Level Follow Up Workshop on Effectiveness of Early Warning in Disaster Management, 2007	SPADE, Kolkata & EMD, IISWBM, Co-facilitated by Disaster Management Department, Government of West Bengal, Supported by Oxfam (India) Trust, Kolkata	Organizer
3.	Agrawal, K. M.	2008	National Seminar on Environment and Development	West Bengal Academy of Science & Technology, Kolkata	Participant
4.	Agrawal, K. M.	December 18 – 19, 2008	Second International Conference on Contemporary Issues in Management & Labour Welfare in South Asian Industry	IISWBM, Kolkata	Paper Presenter
5.	Agrawal, K. M.	December 18, 2008	Observance of Energy Conservation Day 2008	IISWBM, Kolkata	Participant
6.	Agrawal, K. M.	December 8 – 18,	Assistance in Recruitment to the Post of Deputy Ranger/Forester, Spn. Directorate of Forests, Government of West Bengal	IISWBM, Kolkata	Coordinate Recruitment Process including Written Test,

		2008			Personal Interview, etc.
7.	Agrawal, K. M.	February 18 – 22, 2008	Training Programme on R&R and Land Acquisition Issues For NTPC Executives	NTPC Limited, Power Management Institute Noida	Resource Person
8.	Bhandari Amit K. & Jana Chinmoy	December, 18-19, 2008	Second International Conference on Contemporary Issues in Management & Labour Welfare in South Asian Industry,	Indian Institute of Social Welfare and Business Management (IISWBM)	Paper Presenter
9	Bhandari, Amit K.	2008	Conference on Capital Market: Opportunities and challenges with special emphasis on small investors	Budge Budge Collage	Resource Person
10	Bhandari Amit K.	March 7-8, 2008	Second Doctoral Theses Conference,	ICFAI Business School	Paper Presenter
10.	Biswas, Jhumoor	2008	5th annual Tamluk student symposium Pathways	Stephenville, Texas, USA	Poster presentation on “Uncertainties associated with photochemical modeling of high ozone episodes.”
11.	Chakraborty, Suajit	2008	Annual Workshop for the Junior Scientists Meet, 2008, held on 7 <sup>th</sup> March, 2008 and presented a paper on ‘Carbon dioxide capture and storage in Geological Formations. Received the third prize	Netaji Institute for Asian Studies, Kolkata.	Paper Presenter
12	Chakraborty Shantanu	2008	Faculty Development Programme on Banking and Financial Services	Conducted by ICICI Bank from 28 <sup>th</sup> January to 1 <sup>st</sup> February 2008	Participants
13	Chakraborty Shantanu	2008	Quantitative Techniques and Computer Applications in Contemporary Research	Dept. of Business Management, University of Calcutta during March 10-15, 2008	Participants

14.	Chakraborty Shantanu	2008	'The Recent Development of Financial System and Information Technology in Indian Context'	UGC sponsored Seminar held on 21 <sup>st</sup> & 22 <sup>nd</sup> of August, 2008 at Vivekananda College, Kolkata	Speaker
15.	Chakraborty Shantanu	2008	'Financial Markets and Institution'	AICTE sponsored QIP organized by IIT Kharagpur during June 29 – July 4, 2008.	Participants
16.	Choudhury B.K.	2008	"Energy Audit In Two Selected Indian Industries"	21 <sup>st</sup> WORLD ENERGY ENGINEERING CONGRESS held during October 1-3, 2008 at Washington DC, USA.	Invited Speaker
17.	Choudhury B.K.	2008	"Some Opportunities Of Co-Generation In Eastern And North-Eastern India"	21 <sup>st</sup> WORLD ENERGY ENGINEERING CONGRESS held during October 1-3, 2008 at Washington DC, USA.	Invited Speaker
18.	Choudhury, B. K.	2008	Energy Issues for Sustainable Growth	Valedictory Session of Productivity Week observance by ONGC, Kolkata	Invited Speaker
19.	Choudhury, B. K.	2008	One day Workshop on Clean Development Mechanism	IISWBM	Organizing Secretary
20.	Choudhury, B. K.	2008	First Round of discussion on incorporation of energy efficiency topics in engineering syllabus	IISWBM	Organizing Secretary
21.	Choudhury, B. K.	2008	Observance Of Anniversary Of Energy And GHG Accounting Cell	IISWBM	Organizing Secretary
22.	Das, Gairik	2008	Retail Marketing	DSMS Durgapur	Invited Speaker
23.	Ghosh, Sandip	2008	The workshop on further improvements & Modifications	Organized by Ministry of H &	Invited Speaker & Presenter



			on the Professional Development Course	FW, GOI, at NIHFW, New Delhi.	
24.	Jana, C.	2008	District Level Planning for NREGA	INITIATIVE	Invited Speaker
25.	Jana, C.	2008	Clean energy Technology – Solar Mission	Hyatt Regency, Kolkata	Invited Speaker
26.	Jana, C.	2008	Introduction of Institutional Monitoring Systems	CAPART, Bhubaneswar	Invited Speaker
27.	Jana, C.	2008	HAL	HAL, Barackpore	Invited Speaker
28.	Jana, R.K.	2008	2008 International Conference on Global Issues in Business & Technology	National Institute of Financial Management, Faridabad in Collaboration with University of Maryland Eastern Shore, & Modern Technology & Management Institute Inc., USA	Chairperson in Technical Session
29.	Mitra, Sarbani	2008	Environment Partnership Summit 2008 – Establishing Greener Roadmap for Global Business	Indian Chamber of Commerce in association with the Department of Environment, Government of West Bengal and West Bengal Pollution Control Board	Participant
30.	Mitra, Sarbani	2008	State Level Follow Up Workshop on Effectiveness of Early Warning in Disaster Management, 2007	SPADE, Kolkata & EMD, IISWBM, Co-facilitated by Disaster Management Department, Government of West Bengal, Supported by Oxfam (India) Trust, Kolkata	Participant
31.	Mitra, Sarbani	2008	Consultative Conference on Agricultural Produce Marketing Committee (APMC) Model	FICCI, Eastern Regional Council, Kolkata in	Participant

			Rules	association with the Ministry of Agriculture, Government of India	
32	Mitra, Sarbani	2008	Seminar on Achieving Corporate Governance Through Credit Insurance	Bajaj Allianz General Insurance in association with The Bengal Chamber of Commerce and Industry, Kolkata	Participant
33.	Mitra, Sarbani	2008	International Conference on Enterprise and Environment: Towards Global Citizenship,	ICFAI Business School, Kolkata in association with Association of Indian Management Schools.	Paper Presenter
34.	Mitra, Sarbani	2008	National Seminar on Environment and Development,	West Bengal Academy of Science & Technology, Kolkata	Paper Presenter
35.	Mitra, Sarbani	2008	Second International Conference on Contemporary Issues in Management & Labour Welfare in South Asian Industry	IISWBM, Kolkata	
36.	Mitra, Sarbani	2008	Observance of Energy Conservation Day 2008	IISWBM, Kolkata	Participant
37	Mitra, Sarbani	2008	Assistance in Recruitment to the Post of Deputy Ranger/Forester, Spn. Directorate of Forests, Government of West Bengal	IISWBM, Kolkata	Expert in Interview Board
38.	Mitra, Sarbani	2008	A Speech on 'Environment Management in Trade'	Hotel Hindustan International	Guest Speaker
39.	Mitra, Sarbani	2008	A Speech on 'Environment Management in Trade'	Hotel Hindustan International	Guest Speaker
40.	Mitra, Sarbani	September 5, 2008	Live Broadcast of Career Counselling Programme in 'Kajer Utser Khonjey'	Jyan Bani, FM 105.6, Kolkata	Guest Speaker
41	Mitra, Sarbani	2008	4 <sup>th</sup> International Conference on Environmental Science and Technology	Houston, Texas, USA	Paper Presenter
42	Mitra,	2008	Live Broadcast of Career	Prasar Bharati, Akash	

	Sarbani		Counselling Programme in Mahila Mahal	Bani, All India Radio, Kolkata	Guest Speaker
43	Mohanty Madhumita	2008	38 <sup>th</sup> Annual Conference 2008 Theme: Human Capital- DNA of Business Excellence	National Institute of Personnel Management, Kolkata Chapter	Participant
44.	Mohanty Madhumita	2008	“International Seminar on Adolescent Health in the Fast-Changing Economic Environment” “Communication Pattern of Young Substance Abusing and Normal Families: A Comparative Study” on 4-6 February, 2008	Centre of Advanced Study in Psychology, Utkal University, Bhubaneswar	Speaker
45.	Mukhopadhyay, S. P.	2008	Second International Conference on Contemporary Issues in Management & Labour Welfare in South Asian Industry and presented two papers on ‘Human Development through intersectoral coordination’ and Management of Preparedness Programme against natural disaster in West Bengal	IISWBM, Kolkata	Paper Presenter
43	Mukhopadhyay, S. P.	2008	National Conventions of *IPHA	Delhi, Nagpur, Bhubaneswar, Kolkata, Agra, Bagnalore	Chair person in Technical Session, Paper Presenter as Co-Chairman
46.	Mukhopadhyay, S. P.	2008	Annual Conference of preventive & Social Medicine		Chair Person on various Topics of Public Health
47	Mukhopadhyay, S. P.	March, 2008	Annual Conference of preventive & Social Medicine		Chair Person on various Topics of Public Health
48	Nag, Dulali	2008	Borderland Studies Conference	Guwahati	Paper Presenter
49.	Nag, Dulali	2008	Calcutta Research Group Research Agenda	Bhubaneswar	Paper Presenter
50.	Ray, S. N	2008	Training Programme for North Eastern States Medical Practitioners	IISWBM	Speaker
51.	Ray, S. N	2008	Bench Marking & Value Chain	Indian Oil Corporation	Speaker
52	Ray, S. N	2008	4 Days Workshop on Materials	McNally Bharat	Speaker

			Management		
53	Ray, S. N	2008	One Day Workshop on Change Management	Small Scale Industries Development Corporation of India	Conduct Workshop (Resource Person)
54	Ray, S. N	2008		ICSB World Conference, Canada	Chairperson in Technical Session
55	Ray, S. N	2008	2 <sup>nd</sup> Annual International Conference on “Contemporary Issues in Management & Labour Welfare in South Asian Industry	IISWBM	Convenor Resource Person
56	Roychowdhury, Soma	2008	International Workshop on Data Mining and Stochastic Modelling	Andhra University, Visakhapatnam, India	Invited Speaker
58	Sahu, Paulami	2008	Second Annual International Conference on ‘Contemporary issues in Management and Labour Welfare in South Asian Industry’ and presented a paper on ‘Groundwater Management of Kolkata and East Kolkata Wetlands: Evaluation via Numerical Modelling’. The seminar was organized by IISWBM	Indian Institute of Social Welfare and Business Management	Paper Presenter
59	Sanyal, Shyama	2008	Business Communications for new entrants to IFFCO	IFFCO, Fertilizer Marketing Development Institute, Gurgaon, Haryana	Invited speaker
60	Sanyal, Shyama	2008	Business Communications for trainee Field Officers/Marketing Officers/Plant Personnel	IFFCO, Fertilizer Marketing Development Institute, Gurgaon, Haryana	Invited speaker
61	Sanyal, Shyama	2008	Business Communications for trainee Field Officers/Marketing Officers	IFFCO, Fertilizer Marketing Development Institute, Gurgaon, Haryana	Invited speaker
62	Sikdar, Pradip K	2008	Lecture Series at Science and Technology Fair 2008 and	Central Park, Salt Lake city	Invited Speaker

			delivered a lecture on 'Rainwater Harvesting and Artificial Recharging of Groundwater'. The lecture series and the fair was organized by Institute of Social Studies during 12 April to 20 April 2008		
63	Sikdar, Pradip K	2008	Workshop on Draft Coastal Management Zone Notification, 2008. The workshop was organized by Confederation of Indian Industries (CII), Department of Environment, Govt. of West Bengal, West Bengal Pollution Control Board, and Institute of Environmental Studies and Wetland Management	Rosewood Conference Hall, Park Hotel	Invited Speaker
64	Sikdar, Pradip K	2008	Seminar on 'Water – Resource, Conservation, Utilisation & the Management for the present and future Generations with special emphasis on Arsenic Problem'. Organized by Institute of Social Studies.	On board of MV Sarbajaya on River Ganga.	Panel Speaker in the Plenary Session
65	Sikdar, Pradip K	2008	Round Table on 'Coastal Zone Management in the Bay of Bengal' organized by American Center	American Centre	Discussion
66	Sikdar, Pradip K	2008	Second Annual International Conference on 'Contemporary issues in Management and Labour Welfare in South Asian Industry' and presented a paper on 'Groundwater Management of Kolkata and East Kolkata Wetlands: Evaluation via Numerical Modelling'. The seminar was organized by IISWBM	Indian Institute of Social Welfare and Business Management	Paper Presenter

## 8. Management Development Programmes Organized

Resource Persons	Period	Title of MDP/PDC	Sponsor/Venue of Workshop/Seminar/Conference	Days/Hours
Choudhury, B.K. and Dutta, Arindam	September - November 2008	4 <sup>th</sup> Short-term Certificate course on Energy Management and Audit	IISWBM	5 PM to 7.45 PM 100hours
Mukhopadhyay SP, Ghosh Sandip, Sen Sanghamitra	19 <sup>th</sup> May – 22 <sup>nd</sup> July, 2008	2 <sup>nd</sup> PDC Course for Senior Medical Officers of NE-States of India	Ministry of Health and Family Welfare, Government of India at IISWBM	-
Mukhopadhyay, SP, Ghosh Sandip, Sen Sanghamitra	15 <sup>th</sup> Dec., 2008-17 <sup>th</sup> Feb, 2009.	3 <sup>rd</sup> PDC Course for Senior Medical Officers of NE-States of India	Ministry of Health and Family Welfare, Government of India, at IISWBM	-
Ray, Tanima	January 2008	MDP for physicians as part of National Rural Health Mission	Course offered by IISWBM, Kolkata	-
Ray, Tanima	February 2008	MDP on “Marketing Research for Consumer Behaviour” for JMDC	Course offered by IISWBM, Kolkata	-
Sikdar, P.K. Chakraborty, Surajit Sahu, Paulami	1 <sup>st</sup> -30 <sup>th</sup> September, 2008	1-month certificate Course on ‘GIS Techniques and Applications’.	Course offered by IISWBM	

## 9. Research Projects undertaken

Resource Person	Title of the Project	Funding Agency	Duration of the project		
			From	To	No. of years
Sikdar PK	‘Groundwater Resource Assessment and Management of the area in and around East Calcutta Wetlands’	Council of Scientific and Industrial Research, Govt. of India	February, 2003	February, 2008	5
Dulali Nag	Dynamics of Cross-Border Trading in the	Funded by the Indian Institute of Social	January 2007	December 2008	

	Northeast: The Problems and Prospects of a Subregional Trading Zone	Science Research			
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### 10. Consultancy Undertaken:

Sl. No.	Resource Persons	Project Title	Name of Sponsor	Period
1	Agrawal. K. M. and Mitra Sarbani	Socio-Economic Study for Abhijeet Group Project at Baraboni and Jamuria Blocks of Burdwan District (Development of Integrated Model for Sustainable and Inclusive Growth with a Special Emphasis on Shift from Agriculture to Industrial Base Economy)	West Bengal Industrial Development Corporation, Government of West Bengal	December, 2008
2	Agrawal. K. M. and Mitra Sarbani	Socio-Economic Study for WBIDC Industrial Park at Saltora Block of Bankura District	West Bengal Industrial Development Corporation, Government of West Bengal	December, 2008
3	Agrawal. K. M. and Mitra Sarbani	Rapid Environmental Impact Assessment Study of Subarna Bhoomi Housing Project of BDCPHL	Bengal D C Paul Housing Limited (BDCPHL), Kolkata	December, 2008
4	Agrawal. K. M. and Mitra Sarbani	Assistance in Recruitment of Deputy Ranger/Foresters	Directorate of Forests, Government of West Bengal	December 2008
5	Agrawal. K. M. and Mitra Sarbani	Market Survey for Urban Livelihood Generation Programmes and Formulating Market Strategy & Action Plan for Urban Livelihood Generation Programmes (ULGPs)	Change Management Unit, Kolkata Urban Services for the Poor (KUSP), Government of West Bengal	November 2008
6	Agrawal. K. M. and Mitra Sarbani	Socio-Economic Assessment Study and Preparation of R&R Action Plan for Rammam III Hydel Electric Power Project at Lodhama, Dist. Darjeeling, West Bengal	NTPC Hydro Limited, Darjeeling, West Bengal	October 2008

7	Mohanty Madhumita	HR Development Training Consultancy for 1400 UCO Bank Managers of India		2008 onwards
8	Chinmoy Jana	Coordinating Institutional Monitoring System for CAPART's sponsored Project during Pre-funding, Mid-term funding and Post evaluation.	CAPART, Ministry of Rural Development, Govt. of India.	2008 onwards

## 11. Member of Board of Referees in International/National Journals

### 1. Chinmoy Jana

#### International

- 'Energy – The International Journal', Elsevier, USA
- 'Journal of Solar Energy', Elsevier, USA
- Reviewer for SERC- DST Projects ( Mathematical Sciences)
- Facilitator cum Evaluator for CAPART, Ministry of Rural Development, Govt. of India, Aided Projects

#### National

- Journal of Scientific & Industrial Research, published by National Institute of Science Communication and Information Resources, CSIR, New Delhi.

### 2. Jhumur Biswas

- Journal of Applied Meteorology
- Atmospheric Environment

### 3. Pradip K Sikdar

#### International

- Journal of Asian Earth Sciences
- Environmental Monitoring and Assessment

#### National

- Indian Journal of Geology
- Indian Journal of Earth Sciences
- Current Science

### 4. Prasenjit Maiti

#### International

- Policing: An International Journal of Police Strategies & Management (College of Education, Division of Criminal Justice, University of Cincinnati, USA).



- Environment & Development Economics (University of York, Heslington, York, UK) published by the Cambridge University Press and Crime Prevention & Community Safety (Perpetuity Press, Leicester, UK)
- Globalization and Health (published from London).
- Crime Prevention & Community Safety (Perpetuity Press, Leicester, UK)

### 5. S. P. Mukhopadhyay

- Indian Journal of Medical Association (JIMA)
- Indian Journal of Public Health Association ( IJPHA)

### 6. Soumitra Kumar Mallick

- Quantitative Finance(Springer)
- Pearson Education text books.

### 7. Soma Roychowdhury

- Stochastic Modelling and Applications: A Journal of Stochastic Process and its Application
- Journal of Indian Association of Productivity, Quality and Reliability
- New Age Publishers (book review)
- Journal of Operations Management (USA)
- Oxford University Press, New York, USA (book review)

## 12. Details of Research Scholars who have submitted/awarded Ph.D. degrees from recognized University.

### 1. Binoy Krishna Choudhury

Name of the student	Shri Subhashish Banerjee
Title of Thesis	Impact Assessment of Ocean Energy Systems, including Environmental Impact.
Date of Registration	Not available
Name of University	Coventry University, UK
Sponsor	Not available
Name of the student	Shri H S Rauth
Title of Thesis	Socio-Economic-Environmental Impact Assessment of SPV and Bio-mass Systems in India and Plan for Implementation of the Findings in Future Projects.
Date of Registration	Not available
Name of University	Bengal Engineering & Science University;

Sponsor Not available

## 2. Chinmoy Jana

Name of the student Kaushik Paik  
Title of Thesis Rural Marketing  
Date of Registration 2007  
Name of University NSOU  
Sponsor Self Sponsor

## 3. Jhumoor Biswas

Mentored the following students towards their Ph.D. degrees:

Name: Z.M. Farooqui

Title of thesis: Development of a Comprehensive Air Quality Modeling Framework for a Semi-Arid Coastal Urban Airshed in South Texas

Name of University: Department of Environmental Engineering, Texas A&M Kingsville, USA

Graduation year: 2008

## 4. K. M. Agrawal

### **Awarded in 2008**

Name of student: Ms. Sarbani Mitra

Title of thesis: Environment and Business Strategies: An Assessment of Corporate Environmental Management & Business Practices of Selected Units in West Bengal

Date of Registration: 2005

Name of University: University of Kalyani

Sponsor: NA

### **Ongoing**

Name of student: Mr. Avinash Singh

Title of thesis: Environmental Impact Assessment of Infrastructural Project with Special Reference to Highway Project in India

Date of Registration: 2005

Name of University: BIT, Mesra, Ranchi

Sponsor: NA

Name of student: Lt Col Balaram Mandal

Title of thesis: Assessment of Prospect of Implementation of Clean Development Mechanism (CDM) in Developing Country like India with Special Reference to Major Industrial Sector

Date of Registration: 2005

Name of University: Netaji Open University

Sponsor: NA

Name of student: Mr. Indranil Sadhukhan  
Title of thesis: Study on Evaluation of Opportunities And Risks of Operationalizing the Industrial Ecology Concept – A Niche For Sustainable Development  
Date of Registration: 2008  
Name of University: Kalyani University  
Sponsor: NA

Name of student: Mr. Souvik Banerjee (Pursuing)  
Title of thesis: Study On Prospects and Potentials of Environmental Management Systems  
Date of Registration: 2008  
Name of University: Aligarh Muslim University  
Sponsor: NA

Name of student: Mr. A. K. Nath  
Title of thesis: Environmental Impact Assessment of Port industry  
Date of Registration: 2004  
Name of University: APS University, Rewa, MP  
Sponsor: NA

Name of student: Mr. T. K. Giri  
Title of thesis: Study on Impact of Coal Mining on the Environment  
with special reference to the Vegetation  
Date of Registration: 2003  
Name of University: Visva Bharati  
Sponsor: NA

## **5. Kumkum Mukherjee**

Name of student: Ms. Aditi Banerjee  
Title of thesis: Employee motivation and its possible impacts on job behaviour  
Date of Registration: 2008  
Name of University: West Bengal University of Technology  
Sponsor: Self

## **6. Madhumita Mohanty**

Name of the student: Mr. Kaushik Banerjee  
Designation: Lecturer, George College of Management and Science,  
Kolkata,  
Title of Thesis: A Study to determine the Application of Indian Labour  
Welfare Statutes/Legislations in Organisation Development  
in Indian Context”  
Date of Registration: 14. 05. 2007  
Name of University: Netaji Subhas Open University  
Sponsor: Self- sponsored

## **7. Pradip K. Sikdar**

### **Awarded in 2008**

Name of the student: Surajit Chakraborty

Title of thesis: Assessment and Management of Groundwater Resource for English Bazar Block, Malda District of West Bengal Using Remote Sensing and GIS. [Submitted]

Date of Registration: No. R.Ph.D.-1 /4.2 /69800 dated 23.12.2002

Name of University: Bengal Engineering and Science University, Shibpur

Sponsor: Department of Science and Technology, Government of India

### **Submitted in 2008**

Name of the student: Paulami Sahu (CSIR-SRF(NET))

Title of thesis: Groundwater Resource assessment and management of the area in and around East Calcutta Wetlands, West Bengal". [Submitted]

Date of Registration: No. 3069 Ph.D. (Sc.) Proceed/2004 dated 22.9.2004

Name of University: University of Calcutta

Sponsor: Council For Scientific and Industrial Resaearch (CSIR), Govt. of India

### **Ongoing**

Name of the student: Antara Adhikari

Title of thesis: Hydrogeologic framework of the South Haora Alluvial Plain, Haora District, West Bengal

Date of Registration: No. 3568 Ph.D. (Sc.) Proceed/2007 dated 5.11.2007

Name of University: University of Calcutta

Sponsor: Self

Name of the student: Saji Krishnan K

Title of thesis: Impact of industrialization on groundwater regime of Lower Periyar Basin, Ernakulum District, Kerela

Date of Registration: Applied for

Name of University: University of Calcutta

Sponsor: Self

## **8. S. P. Mukhopadhyay**

Name of the student: Niloy Sarkar, M.Phil.

Title of thesis: Economics of Health Care

Date of Registration: 2006

Name of University: Pillani University

Sponsor: College of NSHM Knowledge Campus, Durgapur

## **9. Soumitra Kumar Mallick**

Served as (outside) Reader for Dr.Azhar Iqbal's Ph.D. thesis from Karachi University (Economics Dept.),  
Dr.Nobue Suzuki's Ph.D. thesis from Hitotsubashi University (Economics Dept.).

## **10. S.N. Ray**

Name of the student Rajib Kumar

Title of thesis: Need for Synchronization of Classical Views and IT advances (SME Sector)

Date of Registration: 4<sup>th</sup> August, 2008

Name of University: SRM University, Tamil Nadu

Name of the student: Amit Kr. Basu

Title of thesis: Design & Application of a suitable model to direct collective efforts of workmen towards strategic business enable.

Date of Registration: 21<sup>st</sup> October, 2008

Name of University: NSOU, Kolkata

**FACULTY RESEARCH OUTPUT FOR THE PERIOD-2007**



**INDIAN INSTITUTE OF SOCIAL WELFARE AND BUSINESS MANAGEMENT**  
**Management House, College Square (West), Kolkata 700 073**

## Detail List of Research Output

### 1. List of Publication in Referred Journal

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of the Journal	Vol.	No.	Page
<b>International</b>							
1.	Biswas, J. Kuruvilla, J. and Farooqui, Z. M	2007	Impact assessment of global temperature perturbations on urban and regional ozone levels in South Texas	J. Advances in Geosciences.	Accepted		
2	Chakraborty, Surajit, Paul, P.K. and Sikdar, P.K.	2007	Assessing aquifer vulnerability to arsenic pollution using DRASTIC and GIS of North Bengal Plain: A case study of English Bazar Block, Maldah District, West Bengal, India	Journal of Spatial Hydrology	7	1	101-121
3	Das, Gairik and Karan, Soumitra	2007	'Exploring Boot Strapping Strategies'	'Challenge and Response' a journal in Management Studies from BMA ( U.K)	1	01	1752-3311
4	Maiti, Prasenjit	2007	The Spectrality of Kashmir in Indo-Pak Relationship.	Australian Journal of Peace Studies,	2	1	85-91
5	Mallick, S.K.	2007	Outlining a control system for regional congress websites : econometric society's conferences case	Journal of Digital Asset Management	3	6. (December 2007)	325-328.
<b>National</b>							
1.	Adhikari, S. K., Sikdar, P.K., Bhattachaya, B.B. and S. Das,	2007	Estimation of hydraulic conductivity and transmissivity of aquifers from surface resistivity measurements in hard	Bhujal News	20	1&2	29-39.

			rock terrain				
2.	Baidya, M. K. and Basu	2007	Impacts of marketing efforts	<i>J. of Business</i>	2	2	11-20
3.	Baidya, M. K. and Basu	2007	Effectiveness of sales promotion	<i>J. of Regional Sciences</i>	39	1	67-76
4	Bhandari, Amit K. & Paul, S.	2007	Relationship between wage and productivity in Indian manufacturing industry	Labour and Development	12	2	14-33
5	Chakraborty, Surajit, Sikdar, P.K. and Paul, P. K.,	2007	Hydrogeochemical framework of Quaternary aquifer of English Bazar Block, Malda district, West Bengal	The Icfai Journal of Earth Sciences,	1	2	61-74
6	Chakraborty, Shantanu	2007	Indian Power sector: Installed capacity and capacity Utilisation”	The Vision, Journal of School of Management Sciences, Bengal Engineering and Science University	3	3	9-23
7	Ghosh A. and Chakraborty, Shantanu	2007	“Forensic Accounting”	Indian Journal of Accounting, Journal of The Indian Accounting Association,	37	2	35-40
8	Mohanty, M. & Sinha, D.	2007	HR challenges: A Global Perspective	The Chanakya	4		23-27
9	Mukhopadhyay, S. P.	2007	A Study on Smoking habits among slum Dwellers and the impact on Health and Economics	Journal of Indian Medical Association	105		492-498
10	Sikdar, P.K. and Chakraborty, Surajit	2007	Groundwater Resource of India and West Bengal with special emphasis on vulnerability analysis using GIS in English Bazar Block, Malda District, West Bengal,	Asian Studies	50	-	157-177



11	Sikdar, P.K., Adhikari, S. K. and Bhattacharya, B. B.	2007	Lineament Density Modelling to identify high potential aquifers in hard rock areas	Journal of the Geological Society of India	69	5	1118- 1131
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## 2. Books

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of Publisher	Page
1.	Haldar, Uday Kumar	2007	Total Quality Management Text and Cases	Dhanpat Rai & Co. (P) Ltd. New Delhi	405
	Mukherjee, Kumkum	In Press	Organizational Behaviour	Vijay Nicole Imprints	-
2.	Roychowdhury Soma and Bhattacharya,D.	2007	Statistics:Theory and Practice (2 <sup>nd</sup> edition)	U. N. Dhur and Sons Pvt. Ltd.	496

## 3. Books edited

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of Publisher	Page
-	-	-	-	-	-

## 4. Chapters in Books

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of the Publisher	Chapter No.	Page
1	Bhandari, Amit K. & Heshmati, Almas	2007	Measurement of Globalization and its Variations among Countries, Regions and Over Time*	Nova Science Publishers (USA) ( International)	3	69
2	Jana, Chinmoy	2007	Energy Efficient & Environment Friendly Technologies for Rural Development	Allied Publisher	Efficient Allocation of Energy for Rural Developm ent: Case Study for Irrigation System in a Fuzzy	148- 156

					Environment	
3	Jana, Chinmoy	2007	Fuzzy Logic and its Application in Technology and Management	Narosa	Fuzzy Optimization for Energy Allocation in Shops and Establishments of Rural Areas	228-236
4	Mohanty, M. Sharan, M. B. and Suar, Damodar	2007	Psychology Matters: Organisation, Development and Health	Allied Publisher	Family Systems of Young Substance Abusers	117-139
5	Mukherjee, Kumkum	2007	Organizational Strategies and Processes for Meeting Challenges of Growth	Viva Publication	Set Them Free and Transform! A Case Study	204 - 221

##### 5. Papers in Seminar/Conference Proceedings

Sr. No.	Author(s)	Year of Publication	Title of Publication	Details of Seminar/Conference	Page
<b>International</b>					
1	Choudhury, B. K. and Bag Debjit	2007	CDM Concerning Use Of Coal Ash - Prospects In India	Asian Conclave of the Coal Ash Institute of India	
2	Datta, Sutapa	2007	Supply Chain for Soft Drink Industry	Department of Mechanical Engineering, Thiagarajar College of Engineering, Madurai	243-248
3	Datta, Sutapa	2007	Container Operation in Maritime Practice	Centre for Maritime Studies, National University of Singapore	Accepted
4	Mitra, Sarbani, Agrawal, K. M., Dhar,	2007	Corporate Social Responsibility: A Proactive Approach for Improving	Proc. of International Conference on Contemporary Issues in Management & Labour	

	Satyajit, Purkayastha, P. and Dutta, Ashoke K.		Environmental Performance of Industrial Units	Welfare in South Asian Industry, December 20 - 21, 2007, IISWBM, Kolkata.	
5	Mitra, Sarbani, Agrawal, K. M., Dutta, Ashoke K. and Dhar, Satyajit	2007	Industrial Pollution: Threat to Coastal Front of Haldia Region	Proc. of Int. Symposium on Management of Coastal Ecosystem: Technological Advancement and Livelihood Security, October 27-30, 2007, Indian Society of Coastal Agricultural Research (ISCAR), Canning Town, South 24 Pgs.	134 - 135
<b>National</b>					
1	Agrawal, R. K. and Choudhury, B. K.	2007	Energy Conservation, Waste Management & Recycling in Iron & Steel Industry – Prospects & Practice in India	Symposium on “Pollution Control in Metal Industries (Energy, Environment, Waste Management and Recycling) at the Annual technical Meeting of IIM	
2	Bhattacharya, P., Pal, S.K and Sikdar, P.K.	2007	Hydrogeological assessment and management of Jhalda-II Block, Puruliya District, West Bengal	6 <sup>th</sup> All India People’s Technology Congress, Science City, Kolkata, 10-11 February, 2007	250-261
3	Chakraborty S,	2007	Remote sensing and mineral exploration	A review, Published in the seminar on “New Mining Initiatives for Sustainable Development, jointly organized by Department of Mining Engineering, BESUS and Corporate Monitor, Nov. 17 <sup>th</sup> .	10-12
4	Choudhury, B. K.	2007	Mitigation and Adaptation to Climate Change : Indian Perspective	Kolkata Forum on Energy and Global Warming	
5	Choudhury, B. K. and Bag Debjit	2007	Value Engineering In Selected Energy Systems	National Seminar on Value Engineering	-
6	Mallick, S.K.	2007	Pharmaceutical Industry Investment, Incomplete Markets & Emerging Markets	IISWBM Conference 2007	

7	Mitra, Sarbani, Agrawal, K. M., Dhar, Satyajit and Dutta, Ashoke K.	2007	Environmental Performance Analysis of Selected Units of West Bengal	Proc. of Annual Conference on Zero Waste for Sustainable Development, November 30 – December 1, 2007, Indian Association for Environmental Management in association with Ankleshwar Industries Association, Ankleshwar, Gujarat.	
8	Roy, Mahesh P., Dutta, Ashoke K., Agrawal, K. M., Mitra, Sarbani and Kapur, Neeraj	2007	Resettlement & Rehabilitation Action Plan – Development of Scorable Indicators to Assess QoL in PAVs	Proc. 6 <sup>th</sup> All India Peoples' Tech. Congress on Integration of Traditional and Innovative Technologies for Community Development, February 10 – 11, 2007, Forum of Scientists, Engineers and Technologists (FOSET), Kolkata.	393 - 400
9	Sadhukhan, Indraneel, Agrawal, K. M., Mitra, Sarbani and Dutta, Ashoke K.	2007	Recycling Industry in India – Prospects & Implications	Proc. of Annual Conference on Zero Waste for Sustainable Development, November 30 – December 1, 2007, Indian Association for Environmental Management in association with Ankleshwar Industries Association, Ankleshwar, Gujarat.	
10	Sikdar P. K.	2007	Management of groundwater Resource of Kolkata through Rainwater Harvesting & artificial Recharge	Seminar on 'Conservation of Water and on Management of Ground Water including method of Recharge and Rain Water Harvesting', Chief Engineer Kolkata Zone, Ballygunge Maidan Camp, 22 November 2007	1-3

## 6. General Articles

Sr. No.	Author(s)	Year of Publication	Title of Publication	Name of the Newspaper/Magazine etc.	Page
1	Das, Gairik	28-Novemb	Job Prospects in Retail Management	Karma Sansthan	

		er-2007			
2	Das, Gairik	May 14-2007	Trail Blazing	The Times of India	
3	Das, Gairik	February, 2007	Retail Management	Ajkal – Sopan	
4	Das, Gairik	2007	Issue IV, Vol I, RMI-Mo- DM23/F- “Retail Bandwagon”	Saturday Times	
5	Datta, Sutapa	2007	Information Resource Management	<i>Educational Journal</i> , Mumbai: The Indian Express Group, 3 <sup>rd</sup> ed	57-58
6	Haldar, U. K. & Ankhi Chatterjee	2007	Building Bridges of Relationship	MANAV (Journal of IISWBM), Programme - Genesis 2007	
7	Mohanty, M	2007	“Family Systems of Young Substance Abusers”	6 <sup>th</sup> International Conference on Health Economics, Management and Policy” at University of Athens, Greece	
8	Mohanty, M.	2007	“Search Beyond Success – A Real Life Case Study”	Manav	11-13
9	Sikdar, P.K.	2007	Environmental Pollution and Management	Souvenir on World Environment Day 2007, South Dumdum Municipality and Centre for Ground Water Studies	11-31

## 7. Participation in Workshop/Seminar/Conference

Sr. No	Authors (s)	Date	Title of Workshop/Seminar/Conference	Venue of Workshop/Seminar/Conference	Mode of Participation
1	Agrawal, K. M.	2007	Seminar (Indo-German Business Forum) on Efficient Power Plants and Renewable Energy	India Energy Forum in Collaboration with International Technology Cooperation Network, Ministry of Economic and Technology, Government of the Federal	Participant

				Republic of Germany	
2	Agrawal, K. M.	2007	Seminar on Sustainability Initiatives: Strategies for Business Excellence	Confederation of Indian Industry (CII), Co-Sponsored by ITC Limited, Calcutta Riverside, forum Projects, The Indian Express and United Credit Belani Group (UCBG)	Participant
3	Agrawal, K. M.	2007	Kolkata Forum of Concerned Citizens: Energy and Global Warming Issues	Department of Energy Management, IISWBM, Kolkata, Co-sponsored by (ONGC), (IREDA), (WBREDA), (WBPDC), (WBSEDCL), WWF-India and Joyashree Textiles, Rishra	Participant
4	Agrawal, K. M.	2007	An Interactive Session on Agri Exports in Eastern Region: Opportunities & Challenges with Shri Buddhadeb Bhattacharjee, Hon'ble Chief Minister of West Bengal and Shri Jairam Ramesh, Hon'ble Minister for State of Commerce & Industry, Government of India	Indian Chamber of Commerce; Department of Food Processing & Horticulture, Government of West Bengal; Ministry of Commerce, Government of India	Participant
5	Agrawal, K. M.	2007	Seminar on Threats of Global Warming – Social Perspectives	PSM Department in association with Energy Club, AEE India Chapter and Energy & GHG Accounting Cell,	Organizer

				IISWBM	
6	Agrawal, K. M.	2007	Seminar on Melting Ice: A Hot Topic to Commemorate World Environment Day	The Institution of Engineers (India), West Bengal State Centre, Kolkata,	Participant
7	Agrawal, K. M.	2007	National Seminar on Global Climate Change: Issues & Challenges for India to Commemorate World Environment Day	West Bengal Pollution Control Board, Indian Chamber of Commerce and Jadavpur University	Participant
8	Agrawal, K. M.	2007	36 <sup>th</sup> National Safety Day	National Safety Council, West Bengal Chapter, Kolkata	Participant
9	Agrawal, K. M.	2007	6 <sup>th</sup> All India Peoples' Technology Congress on Integration of Traditional and Innovative Technologies for Community Development	Forum of Scientists, Engineers and Technologists (FOSET), Kolkata	Participant
10	Biswas, Jhumoor	2007	3 <sup>rd</sup> International Conference on Environmental Science and Technology, Presentation of paper "Air quality trends in urban areas of S. Texas."	Houston, USA	Speaker
11	Choudhury, B. K.	2007	Mitigation and Adaptation to Climate Change : Indian Perspective	Kolkata Forum of Energy And Global Warming, organized by IISWBM, held at Hyatt Regency, Kolkata	Invited Speaker
12	Choudhury, B. K.	2007	Senior Executive Seminar On Industrial Energy Conservation: Challenge And Opportunities	IISWBM	Organising Secretary
13	Choudhury, B. K.	2007	Energy And Global Warming, organized by IISWBM	Hyatt Regency, Kolkata	Organizing Secretary of Kolkata Forum
14	Choudhury, B. K.	2007	"Co-generation and Combined Heat and Power (CHP)" organized by the Bureau of	Mumbai, Bangalore, Chennai, New	Coordinator

			Energy Efficiency (BEE),	Delhi and Kolkata	
15	Choudhury, B. K.	2007	Energy And Global Warming	IISWBM	Organiser
16	Das, Gairik	Dec 2007	Retail as a future career	The Times of India Birla High School Hall	Panelist
17	Das, Gairik	Nov 2007	“ The Times of India” – Seminar on Retail Management	Vidya Mandir Auditorium	Speaker
18	Datta, Sutapa	2007	ORSCM, 2007 Supply Chain for Soft Drink Industry	Thiagarajar College of Engineering, Madurai	Paper Presenter
19	Datta, Sutapa	2007	Contemporary issues in Management & Labour Welfare in South Asian Industry organized by IISWBM	Indian Institute of Social welfare & Business Management	Participant
20	De, Jayanti	2007	Training programme organised by Indian Oil Corporation at Kolkata and delivered a lecture on ‘Modeling and Application of Operation Research Techniques for Efficient Transportation System’		Delivered Lecture as an invited speaker
21	De, Jayanti	2007	Management Development Programme organised at the Indian Institute of Social Welfare and Business Management and delivered a lecture on ‘Direct Mail and Direct Post’ Department of Posts, Govt. of India	IISWBM	Invited speaker
22	De, Jayanti	2007	National Conference on Management of Urban Services and Presented a Paper on “Management of Urban Services”	Central University of Hyderabad	Paper Presenter
23	De,	2007	Seminar on Global Warming	Indian Institute of	Participant



	Swagata			Social Welfare and Business Management, Kolkata	
24	Ghosh, Sandip	2007	Workshop on Arbitration & Reconciliation in IPR	Indian Council of Arbitration, New Delhi	Interactive Speaker
25	Ghosh, Sandip	2007	The New Role of Patent Rights in the Indian Economy	The office of Patent Rights, GOI, IPR Building, Saltlake, Kolkata.	Invited Speaker
26	Ghosh, Sandip	2007	Piracy in the Publishing Industry, a New Challenge in the Copyright issue	Confederation of Indian Industry at New Delhi.	Invited Speaker
27	Ghosh, Sandip	2007	Piracy & Counterfeiting in the Indian Markets, Nov 2007	Indian Chamber of Commerce, Kolkata	Invited Speaker
28	Ghosh, Sandip	2007	Impact of IPR in Indian Economy, Nov 2007.	Indian Chamber of Commerce of Kolkata.	Invited Speaker
29	Jana, Chinmoy	2007	Observance of Energy Conservation Day	CESC Limited	Invited Speaker
30	Maiti, Prasenjit	2007	A Risk Assessment Study of Infrastructure Development Projects	University of Southern Denmark, Esbjerg	Guest Professor
31	Maiti, Prasenjit	2007	Participatory Approaches in Development Projects	University of Southern Denmark, Esbjerg	Guest Professor
32	Maiti, Prasenjit	2007	Public Health Scenario in West Bengal, India	University of Southern Denmark, Esbjerg	Guest Professor
33	Mallick Saumitra	2007	IISWBM Conference 2007	Kolkata	Paper Presenter and Co Organiser
34	Mitra, Sarbani	2007	International Conference on Contemporary Issues in Management & Labour Welfare in South Asian Industry	IISWBM, Kolkata.	Paper Presenter
35	Mitra,	2007	International Symposium on	Indian Society of	Paper

	Sarbani		Management of Coastal Ecosystem: Technological Advancement and Livelihood Security,	Coastal Agricultural Research (ISCAR), Canning Town, South 24 Pgs.	Presenter
36	Mitra, Sarbani	2007	Five-day Training Programme for Waste Minimization Circle (WMC) Facilitators on Waste Minimization in Small & Medium Scale Industries (WMC Phase III)	The Environment Group, National Productivity Council (NPC), Government of India, Sponsored by MoEF, New Delhi	Participant
37	Mitra, Sarbani	2007	Seminar (Indo-German Business Forum) on Efficient Power Plants and Renewable Energy	India Energy Forum in Collaboration with International Technology Cooperation Network, Ministry of Economic and Technology, Government of the Federal Republic of Germany	Participant
38	Mitra, Sarbani	2007	Seminar on Sustainability Initiatives: Strategies for Business Excellence	Confederation of Indian Industry (CII), Co-Sponsored by ITC Limited, Calcutta Riverside, forum Projects, The Indian Express and United Credit Belani Group (UCBG)	Participant
39	Mitra, Sarbani	2007	Kolkata Forum of Concerned Citizens: Energy and Global Warming Issues	Department of Energy Management, IISWBM, Kolkata, Co-sponsored by ONGC, IREDA,	Participant

				WBREDA, BPDCL, WBSEDCL, WWF-India and Joyashree Textiles, Rishra	
40	Mitra, Sarbani	2007	An Interactive Session on Agri Exports in Eastern Region: Opportunities & Challenges with Shri Buddhadeb Bhattacharjee, Hon'ble Chief Minister of West Bengal and Shri Jairam Ramesh, Hon'ble Minister for State of Commerce & Industry, Government of India	Indian Chamber of Commerce; Department of Food Processing & Horticulture, Government of West Bengal; Ministry of Commerce, Government of India	Participant
41	Mitra, Sarbani	2007	Seminar on Threats of Global Warming – Social Perspectives	PSM Department in association with Energy Club, AEE India Chapter and Energy & GHG Accounting Cell, IISWBM	Participant
42	Mitra, Sarbani	2007	Seminar on Melting Ice: A Hot Topic to Commemorate World Environment Day	The Institution of Engineers (India), West Bengal State Centre, Kolkata,	Participant
43	Mitra, Sarbani	2007	National Seminar on Global Climate Change: Issues & Challenges for India to Commemorate World Environment Day	West Bengal Pollution Control Board, ICC and Jadavpur University	Participant
44	Mitra, Sarbani	2007	MDP to Train Industrial Engineers of the Ispat Industries Limited	Ispat Industries Limited, Dolvi, Mumbai	Resource Person
45	Mitra, Sarbani	2007	36 <sup>th</sup> National Safety Day	National Safety Council, West Bengal Chapter, Kolkata	Participant
46	Mitra, Sarbani	2007	6 <sup>th</sup> All India Peoples' Technology Congress on	Forum of Scientists,	Paper Presenter

			Integration of Traditional and Innovative Technologies for Community Development	Engineers and Technologists (FOSET), Kolkata	
47	Mukhopadhyay, S. P.	2007	National Conventions of *IPHA	Delhi, Nagpur, Bhubaneswar, Kolkata, Agra, Bagnalore	Chair person in Technical Session, Paper Presenter as Co-Chairman
48	Mukhopadhyay, S. P.	Feb 2007	Annual Conference of preventive & Social Medicine		Chair Person on various Topics of Public Health
49	Mukherjee, Kumkum	2007	BUTE Intensive Seminar Programme	Budapest University of Technology and Economics, Budapest University, Budapest, Hungary	Invited Speaker
50	Pal, Soubarna	Mar 2007	Portsmouth University Economics Seminar	Portsmouth University, UK	Paper Presenter
51	Pal, Soubarna	Jan 2007	Royal Economic Society Job Market Conference 2007	London School of Economics, UK	Paper Presenter
52	Ray, S. N.	Jan' 07	Organisation Diagnosis	All India Institute of Health	Guest Speaker
53	Roychowdhury, Soma	2007	International Conference on Multiple Decision Theory	Fu Jen University, Taipei, Taiwan	Paper Presenter
54	Sarkar, Manjit	2007	Tourism @ Resurgent East	ITC Sonar Bangla, Kolkata	Participant
55	Sen, Alak Kumar	2007	Current financial market trend	Kolkata	Participant
56	Sen, Alak Kumar	2007	ICSI National award for excellence in Corporate Governance	Kolkata	Participant
57	Sen, Alak	2007	Balancing risk and finance interaction on Corporate	Kolkata	Participant

	Kumar		financing and investment decisions organized by Bengal Chamber of Commerce and industry		
58	Sikdar, Pradip K	2007	Sem. on 'Conservation of Water and on Mgt. of Groundwater including method of Recharge and Rainwater Harvesting', delivered lecture on 'Mgt. of groundwater Resource of Kolkata through Rainwater Harvesting & Artificial Recharge'. Organized by Chief Engineer Kolkata Zone, Military Engineering Services	Chief Engineer Kolkata Zone, Military engineering Services, Ballygunge Maidan Camp, Gurusaday Road, Kolkata -700 019	Invited Speaker
59	Sikdar, Pradip K	2007	Advanced Training programme on 'Spatial Data Management for PURA (Providing Urban Amenities to Rural Areas) related Development Initiatives and delivered a lecture on 'Inter-linking of Indian Rivers and Use of Technology for Water Conservation, Recycling and Water Management in Rural Areas'. The training programme was organized by Prof. S.P. Chatterjee Memorial foundation in collaboration with NATMO during the period 3 Sept. – 1 Oct. 2007.	Research, Development and Training Centre of National Atlas and Thematic Mapping Organisation (NATMO), Government of India.	Resource Person
60	Sikdar, Pradip K	2007	Workshop on 'Rainwater Harvesting and Water Treatment Technologies' and delivered a lecture on 'Scope of Rainwater Harvesting in Kolkata and its Environmental Consequences'. The workshop was organized by Indian Chamber of Commerce	The Park Hotel, Kolkata	Invited speaker
61	Sikdar, Pradip K	2007	Advanced Training programme on 'Spatial Data Management for PURA (Providing Urban Amenities to Rural Areas) related Development Initiatives and	Research, Development and Training Centre of National Atlas and Thematic Mapping	Resource Person

			delivered a lecture on 'Inter-linking of Indian Rivers and Use of Technology for Water Conservation, Recycling and Water Management in Rural Areas'. The training programme was organized by Prof. S.P. Chatterjee Memorial foundation in collaboration with NATMO during the period 3 Sept. – 1 Oct. 2007.	Organisation (NATMO), Government of India	
62	Sikdar, Pradip K	2007	Panel Discussion on 'World Environment Day 2007 – Environmental Pollution and Safe Water' and delivered a lecture on 'Environmental Pollution and Management'. The panel discussion was organised by South Dum Dum Municipality and Centre for Ground Water Studies	Ananta Dutta Smriti Bhawan (Town Hall), Nagerbazar	Invited Speaker

### 8. Management Development Programmes Organized

Resource Persons	Period	Title of MDP/PDC	Sponsor/Venue of Workshop/Seminar/Conference	Days/Hours
Choudhury B.K.	September 17, 2007 to November 11, 2007	Short Term Course (STC-II) on Energy Management and Audit	IISWBM.	
Choudhury B.K.	March 1, 2007 to April 27, 2007	Short Term Course (STC-I) on Energy Management and Audit	IISWBM.	
Mukhopadhyay, S.P., and Ghosh Sandip,	10 <sup>th</sup> Dec, 2007 – 27 <sup>th</sup> Feb, 2008	1 <sup>st</sup> PDC Course for Senior Medical Officers of NE-States of India	Ministry of Health and Family Welfare, Government of India, at IISWBM	-

## 9. Research Projects Undertaken

Principal Investigator	Title of the Project	Funding Agency	Duration of the project		
			From	To	No. of years
Nag, Dulali	The Dynamics of Cross Border Trading in the Northeast: The Problems and Prospects of the Emergence of a Subregional Trading Zone.	Indian Council of Social Science Research	January 2007	December 2008	2
Sikdar, P.K.	'Groundwater Resource Assessment and Management of the area in and around East Calcutta Wetlands'	Council of Scientific and Industrial Research, Govt. of India	February, 2003	February, 2008	5
Sikdar, P.K.	'Assessment and Management of Groundwater resource for English Bazaar Block, Malda District of West Bengal' in collaboration with the Department of Mining and Geology, Bengal Engineering and Science University.	Department of Science and Technology, Government of India vide DST letter No. SR/S4/ES-56/2003 dated 28.4.2004	January, 2004	December, 2007	3
Sikdar, P.K.	Community Based Clean Water Supply and Safe sanitation for Dasdia mouza, Harighata I, Block Nadia District, West Bengal'	Calcutta Urban Services, Kolkata and SIMAVI, Netherlands.	December 2005	November 2007	2
Sikdar, P.K.	Groundwater Modelling of West Bengal	United States Geological Survey	Jan 2006	Dec 2007	2
Sikdar, P.K.	Installation and Commissioning of Water Supply System at R&R Colony, Talabira – I Coal Mines, Sambalpur District, Orissa	Hindalco Industries Limited	August 2006	March 2007	8 months

## 10. Consultancy Undertaken

Sl. No.	Resource Persons	Project Title	Name of Sponsor	Period
1	Agrawal. K. M. and Mitra Sarbani	Comprehensive Environmental Impact Assessment Study for Multipurpose Riverine Jetties at HDC, Spn. HDC - CPT, Kolkata		September 2007
2.	Agrawal. K. M. and Mitra Sarbani	Socio-Economic Impact Assessment Study for Proposed Integrated Power Project (4 X 800 MW) Near Village Darlipali in Sundergarh District of Orissa, Spn. NTPC Limited (Formerly National Thermal Power Corporation), Patna		May 2007

## 11. Board of Referees in any International/National Journals?

### 1. Chinmoy Jana

#### International

- 'Energy – The International Journal', Elsevier, USA
- 'Journal of Solar Energy', Elsevier, USA
- Reviewer for SERC- DST Projects ( Mathematical Sciences)
- Facilitator cum Evaluator for CAPART, Ministry of Rural Development, Govt. of India, Aided Projects

#### National

- Journal of Scientific & Industrial Research, published by National Institute of Science Communication and Information Resources, CSIR, New Delhi.

### 2. Jhumur Biswas

- Journal of Applied Meteorology
- Atmospheric Environment



### **3. Pradip K Sikdar**

#### **International**

- Journal of Asian Earth Sciences
- Environmental Monitoring and Assessment

#### **National**

- Indian Journal of Geology
- Indian Journal of Earth Sciences
- Current Science

### **4. Prasenjit Maiti**

#### **International**

- Policing: An International Journal of Police Strategies & Management (College of Education, Division of Criminal Justice, University of Cincinnati, USA).
- Environment & Development Economics (University of York, Heslington, York, UK) published by the Cambridge University Press and Crime Prevention & Community Safety (Perpetuity Press, Leicester, UK)
- Globalization and Health (published from London).
- Crime Prevention & Community Safety (Perpetuity Press, Leicester, UK)

### **5. S. P. Mukhopadhyay**

- Indian Journal of Medical Association (JIMA)
- Indian Journal of Public Health Association ( IJPHA)

### **6. Soumitra Kumar Mallick**

- Quantitative Finance(Springer)
- Pearson Education text books.

### **9. Soma Roychowdhury**

- Stochastic Modelling and Applications: A Journal of Stochastic Process and its Application
- Journal of Indian Association of Productivity, Quality and Reliability
- New Age Publishers (book review)

## **12. Details of Research Scholars who have submitted/awarded Ph.D. degrees from recognized University.**

### **1. Binoy Krishna Choudhury**

Name of the student	Shri Subhashish Banerjee
Title of Thesis	Impact Assessment of Ocean Energy Systems, including Environmental Impact.
Date of Registration	Not available
Name of University	Coventry University, UK
Sponsor	Not available

Name of the student	Shri H S Rauth
Title of Thesis	Socio-Economic-Environmental Impact Assessment of SPV and Bio-mass Systems in India and Plan for Implementation of the Findings in Future Projects.
Date of Registration	Not available
Name of University	Bengal Engineering & Science University;
Sponsor	Not available

### **2. Chinmoy Jana**

Name of the student	Kaushik Paik
Title of Thesis	Rural Marketing
Date of Registration	2007
Name of University	NSOU
Sponsor	Self Sponsor

### **3. Jhumoor Biswas**

Mentored the following students towards their Ph.D. degrees:

I was on the Ph.D. Committee of Ron Brown

Name: Ron Brown

Title of thesis: Historical trends and ozone forecasting in the semi-arid regions of South Texas using heuristic models

Name of University: Department of Environmental Engineering, Texas A&M Kingsville, USA

Graduation year: 2007

### **4. K. M. Agrawal**

Name of student: Ms. Sarbani Mitra

Title of thesis: Environment and Business Strategies: An Assessment of Corporate Environmental Management & Business Practices of Selected Units in West Bengal

Date of Registration: 2005

Name of University: University of Kalyani

Sponsor: NA

Name of student: Mr. Avinash Singh  
Title of thesis: Environmental Impact Assessment of Infrastructural Project with Special Reference to Highway Project in India  
Date of Registration: 2005  
Name of University: BIT, Mesra, Ranchi  
Sponsor: NA

Name of student: Lt Col Balaram Mandal  
Title of thesis: Assessment of Prospect of Implementation of Clean Development Mechanism (CDM) in Developing Country like India with Special Reference to Major Industrial Sector  
Date of Registration: 2005  
Name of University: Netaji Open University  
Sponsor: NA

Name of student: Mr. Indranil Sadhukhan  
Title of thesis: Study on Evaluation of Opportunities And Risks of Operationalizing the Industrial Ecology Concept – A Niche For Sustainable Development  
Date of Registration: 2008  
Name of University: Kalyani University  
Sponsor: NA

Name of student: Mr. Souvik Banerjee (Pursuing)  
Title of thesis: Study On Prospects and Potentials of Environmental Management Systems  
Date of Registration: 2008  
Name of University: Aligarh Muslim University  
Sponsor: NA

Name of student: Mr. A. K. Nath  
Title of thesis: Environmental Impact Assessment of Port industry  
Date of Registration: 2004  
Name of University: APS University, Rewa, MP  
Sponsor: NA

Name of student: Mr. T. K. Giri  
Title of thesis: Study on Impact of Coal Mining on the Environment with special reference to the Vegetation  
Date of Registration: 2003  
Name of University: Visva Bharati  
Sponsor: NA

## 5. Madhumita Mohanty

Name of the student: Mr. Kaushik Banerjee  
Designation: Lecturer, George College of Management and Science,  
Kolkata,  
Title of Thesis: A Study to determine the Application of Indian Labour  
Welfare Statutes/Legislations in Organisation  
Development  
in Indian Context”  
Date of Registration: 14. 05. 2007  
Name of University: Netaji Subhas Open University  
Sponsor : Self- sponsored

## 6. Pradip K. Sikdar

Name of the student: Surajit Chakraborty  
Title of thesis: Assessment and Management of Groundwater Resource for English  
Bazar Block, Malda District of West Bengal Using Remote Sensing  
and GIS. [Submitted]  
Date of Registration: No. R.Ph.D.-1 /4.2 /69800 dated 23.12.2002  
Name of University: Bengal Engineering and Science University, Shibpur  
Sponsor: Department of Science and Technolgy, Government of India

Name of the student: Paulami Sahu (CSIR-SRF(NET))  
Title of thesis: Groundwater Resource assessment and management of the area in and  
around East Calcutta Wetlands, West Bengal”. [Submitted]  
Date of Registration: No. 3069 Ph.D. (Sc.) Proceed/2004 dated 22.9.2004  
Name of University: University of Calcutta  
Sponsor: Council For Scientific and Industrial Resaearch (CSIR), Govt. of India

Name of the student: Antara Adhikari  
Title of thesis: Hydrogeologic framework of the South Haora Alluvial Plain, Haora  
District, West Bengal  
Date of Registration: No. 3568 Ph.D. (Sc.) Proceed/2007 dated 5.11.2007  
Name of University: University of Calcutta  
Sponsor: Self

Name of the student: Saji Krishnan K  
Title of thesis: Impact of industrialization on groundwater regime of Lower Periyar  
Basin, Ernakulum District, Kerela  
Date of Registration: Applied for  
Name of University: University of Calcutta  
Sponsor: Self

### **8. S. P. Mukhopadhyay**

Name of the student: Niloy Sarkar, M.Phil.

Title of thesis: Economics of Health Care

Date of Registration: 2006

Name of University : Pillani University

Sponsor: College of NSHM Knowledge Campus, Durgapur

### **9. Soumitra Kumar Mallick**

Served as (outside) Reader for Dr.Azhar Iqbal's Ph.D. thesis from Karachi University (Economics Dept.),

Dr.Nobue Suzuki's Ph.D. thesis from Hitotsubashi University (Economics Dept.).