



Curriculum Vitae of Dr. Anupam Debsarkar



Curriculum Vitae

1. Name : **Anupam Debsarkar**
2. Address for Communication : P-34, State Bank Garden, Bakhra Hat Road, Thakurpukur, Kolkata-700063, West Bengal, India.
Mobile No.: **+9198300-09708**.
email: **anupamju1972@gmail.com**
3. Date of Birth : **2nd April, 1972.**
4. Academic Qualification : **Master of Civil Engineering (Environmental Engineering), Ph. D (Engineering)**
5. Present Designation : **Associate Professor**, Environmental Engineering Division, Department of Civil Engineering, Jadavpur University, Kolkata-700 032, West Bengal, India.
6. Research/Professional Experience :
- i) **(1997-1998)** as Institute Scholar in Indian Institute of Technology (IIT), Kharagpur.
 - ii) **(1998-1999)** as **Assistant Environmental Engineer** in West Bengal Pollution Control Board (WBPCB).
 - iii) **(1999-2004)** as **Lecturer**, Environmental Engineering Division, Department of Civil Engineering, Jadavpur University, Kolkata-700032, West Bengal.
 - iv) **(2004-2009)** as **Senior Lecturer**, Environmental Engineering Division, Department of Civil Engineering, Jadavpur University, Kolkata-700032, West Bengal.
 - v) **(2009-2012)** as **Reader**, Environmental Engineering Division, Department of Civil Engineering, Jadavpur University, Kolkata-700032, West Bengal.
 - vi) **2012** onwards as **Associate Professor**, Environmental Engineering Division, Department of Civil Engineering, Jadavpur University, Kolkata-700032, West Bengal.
7. Number of M.Sc./M.E/ M.Tech/M.Phil Students: **32**
guided during (2000-2015)
8. Number of Ph. D candidates guiding/guided: **Awarded: 3, Submitted: 1**
: **Registered: 5(five), Non-registered: 2 (two)**
Number of Ph. D candidates submitted/awarded: **4 (four)**
9. Number of Publications : i) **Journal Papers- 58 nos.**
ii) **Seminar Papers- 49 nos.**

A. Research Papers Published in Journals

1. **“Vertical Distribution of Suspended Particulate Matter and Nitrogen Dioxide”**- Anupam Debsarkar and Shibnath Chakrabarty, **Journal of IPHE, India, Vol-1998, No-1, Page-(6-9).**
2. **“Indoor Air Pollution with in a University Building in the City of Calcutta”**- Anupam Debsarkar and Shibnath Chakrabarty, **Journal of IPHE, India, Vol-1999, No-3, Page-(41-44).**
3. **“Validation of Kerbside Urban Air Quality Model for Nitrogen Dioxide”**- S.N. Chakrabarty, A. Debsarkar and S. Goswami, **Indian Journal of Environmental Protection, Vol-20, No-12, Dec-2000, Page-(913-917).**
4. **“Vertical Dispersion of Gaseous Pollutants in Ambient Air”**- A.K. Misra, S. Chakrabarty, A. Debsarkar and K.A. Das, **Indian Journal of Environmental Protection, Vol-21, No-8, August-2001, Page-(734-739).**
5. **“Dispersion of Oxides of Nitrogen in the Indoor Air”**- S. N. Chakrabarty, A. Debsarkar, B. Thakur and T. Mukherjee, **Indian Journal of Environmental Protection, Vol-22, No-6, June-2002, Page-(649-653).**
6. **“Kinetic Evaluation of Combined COD Removal and Ammonia Nitrification in a Single Fed Batch Reactor”**, P.K. Roy, A. Debsarkar and S.N. Mukherjee, **Indian Journal of Environmental Protection, Vol-23, No.-4, April-2003, Page- (373-378).**
7. **“Significance of Indoor Air Quality- A Different Perspective”**- B.Thakur, M.Chanda, A. Debsarkar and S.N. Chakrabarty, **Journal of IPHE, Vol-2003, No-3.**
8. **“Kinetics of Ammonia Nitrification in Single Fed Batch Reactor”**- P.K. Roy, A. Debsarkar and S.N. Mukherjee, **Journal of IPHE, Vol-2004, No.-1.**
9. **“Vertical Distribution of Particulate Matters and some Associated Heavy Metals”**, B. Thakur, A. Roy, A. Debsarkar, S.N. Chakrabarty and A. K. Misra, **Indian Journal of Environmental Protection, Vol-24, No.-6, June-2004.**
10. **“Ozone Depletion Problem- A Critical Review”**, P. Roy Chowdhury, B. Thakur, A. Debsarkar, S.N. Chakrabarty, **Journal of IPHE, Vol-2005, No.-4, Page-(19-23).**
11. **“Performance of a Laboratory-scale Sequencing Batch Reactor (SBR) for Combined COD and Nitrogen Removal”**, A. Debsarkar, S.N. Mukherjee and S. Datta, **Indian Journal of Environmental Protection, Vol-26, No.-5, May-2006, Page- (411-418).**
12. **“Sequencing Batch Reactor (SBR) Treatment for Simultaneous Organic Carbon and Nitrogen Removal – A Laboratory Study”**- A. Debsarkar, S.N. Mukherjee and S. Datta, **Journal of Environmental Science and Engineering. 2006, July, Vol-48, No.-3, pp-169-174.**
13. **“Adsorptive Removal of Phenol Utilizing Fly Ash”**- D. Datta, N. Dey Sarkar, A. Debsarkar and A. Bandopadhyay, **Journal of Institution of Engineers (India), Chemical Engineering Division, Vol-89, September, 2008, Page-3-7.**
14. **“Rice Husk Ash as a Low Cost Adsorbent for the Removal of Methylene Blue and Congo Red in Aqueous Phases”**, Anirban K. Chowdhury, Anupam D. Sarkar and Amitava Bandyopadhyay, **Clean-Soil, Air, Water, Wiley Interscience, Vol-37, No.-7, July, 2009, pp-581-591.**
15. **“Observation on Particulate Matter over a Period of 3 Years at Kaikhali „22.022°N and 8.614°E inside a Special Mangrove Ecosystem: Sundarbans”**- I. Mukherjee, N. Chakraborty, A. Debsarkar, and T. K. Mondal, **Journal of Environmental Engineering (ASCE), Vol-136, No.-1, January-2010, pages- 119-126.**

16. **“Air Pollution from Fireworks during Festival of Lights (Deepawali) in Howrah, India-A Case Study”**, B. Thakur, S. Chakraborty, A. Debsarkar, S.N Chakrabarty and R. C. Srivastava, **ATMÓSFERA**, Vol-23, No.-4, pp-313-331, 2010.
17. **“Effect of Cycle Period and Substrate Composition on Phosphorous Removal Potential of a Laboratory-scale Sequencing Batch Reactor”**, by Gargi Biswas, Anupam Debsarkar, Somnath Mukherjee, Siddhartha Datta, Sunil Kumar, Ackmez Mudhoo, **International Journal of Environmental Technology and Management (IJETM)**, Vol. 14, No. 1/2/3/4, page-252-268, 2011.
18. **“Biodegradation Study and Kinetic Evaluation in a Batch-fed Reactor for Treatment of Slaughterhouse Wastewater”**, by Pradyut Kundu, Anupam Debsarkar, and Somnath Mukherjee, **Journal of IPHE**, Vol-(2011-2012), No.-2, July, 2011, Page-(32-42).
19. **“Kinetics of Biological Nutrient Removal in a Batch-fed Reactor”**, by Pradyot Kundu, Anupam Debsarkar and Somnath Mukherjee, **Indian Journal of Environmental Protection**, Vol-31, No.-7, July-2011, Page- (544-551).
20. **“A Study on Co-exposure to Traffic Related Air Pollution and Noise for an Important Urban Road of Kolkata City, India”**- Anirban Kundu Chowdhury, Anupam Debsarkar and Shibnath Chakrabarty, **Indian Journal of Air Pollution Control**, Vol-XI, No.-2, September-2011, pp-34-40.
21. **“Air Pollution and Health Impacts for Fireworks during Deepawali in India”**, Biswajit Thakur, Soumitra Chakraborty, Anupam Debsarkar and Shibnath Chakrabarty, **Indian Journal of Air Pollution Control**, Vol-XI, No.-2, September-2011, pp-41-53.
22. **“Monitoring and Assessment of Temporal Variation of Day Time Road Traffic Noise Near a Road side Urban Environment of Kolkata City, India- A Case Study”**, Anirban Kundu Chowdhury, Anupam Debsarkar and Shibnath Chakrabarty, **Journal of IPHE**, Vol-(2012-2013), No.-2, July, 2012, Page-(21-23).
23. **“Analysis of Day Time Traffic Noise Level: A Case Study of Kolkata, India”**, Anirban Kundu Chowdhury, Anupam Debsarkar and Shibnath Chakrabarty, **International Journal of Environmental Sciences and Research**, Vol. 2, No. 1, 2012, pp-114-118.
24. **“Effectiveness of Wet Handling of Coal and Concrete Aggregates in Controlling Air Pollution in Sealdah Rail Yard, Kolkata”**, B. Thakur, A. Roy, A. Debsarkar, S.N. Chakrabarty, **Indian Journal of Air Pollution Control**, Vol-XII, No.-2, September-2012, pp-40-50.
25. **“Addressing Arsenic Poisoning in South Asia”**, Ashok Gadgil, Joyashree Roy, Susan Addy, Abhijit Das, Sarah Miller, Amit Dutta and Anupam Debsarkar, **Solutions**, September-October, 2012, Vol-3, Issue-5, pp-40-45.
26. **“Application of Rural Slaughterhouse Waste as an Organic Fertilizer for Pot Cultivation of Solanaceous Vegetables in India”**, by Malancha Roy, Sukalpa Karmakar, Anupam Debsarkar, Pradip K Sen and Joydeep Mukherjee, **‘International Journal of Recycling of Organic Waste in Agriculture’**, Springer-link Publication, Vol-2, No.6, 2013.
27. **“Treatment of Slaughter House Wastewater in a Sequencing Batch Reactor: Performance Evaluation and Biodegradation Kinetics”**, by Pradyut Kundu, Anupam Debsarkar and Somnath Mukherjee, **‘Biomed Research International’**, Hindawi Publishing Corporation, Volume 2013, Article ID 134872, 11 pages, Volume-2013.

28. **"Measurement of Sulphur Dioxide (SO₂) and Nitrogen Dioxide (NO₂) during winter over a period of three years at Kaikhali (22.022°N & 88.614°E) in Sundarbans"**, I. Mukherjee, N. Chakraborty, A. Debsarkar, T.K.Mondal, **'International Journal of Environmental Engineering (IJEE)'**, Inderscience Publication, Vol-5, No.-3, page-289-298, 2013.
29. **"Artificial Neural Network (ANN) Modeling for Biological Removal of Organic Carbon and Nitrogen from Slaughterhouse Wastewater in a Sequencing Batch Reactor,"** by Pradyut Kundu, Anupam Debsarkar and Somnath Mukherjee, **"Advances in Artificial Neural Systems"**, Hindawi Publishing Corporation, Volume 2013 (2013), Article ID 268064, 15 pages.
30. **"Simultaneous Oxidation of Organic Carbon, Nitrification and Denitrification in a Sequential Batch Reactor for Treatment of Slaughterhouse Wastewater"**, by Pradyut Kundu, Anupam Debsarkar and Somnath Mukherjee, **International Journal of Environmental Engineering Research**, Volume-2, Issue-3, 2013 page-69-80.
31. **"Artificial Neural Network Modeling in Biological Removal of Organic Carbon and Nitrogen for Treatment of Slaughterhouse Wastewater in a Batch Reactor"**, by Pradyut Kundu, Anupam Debsarkar, Somnath Mukherjee and Sunil Kumar, **Environmental Technology**, Taylor & Francis Group, 2013, page-1-12.
32. **"Biodegradation of Phosphorous in a Laboratory-scale Sequential Batch Reactor under Anoxic–Aerobic Conditions"**, by Pradyut Kundu, Anupam Debsarkar and Somnath Mukherjee **Journal of Indian Chemical Engineer**, Taylor & Francis Group, 56:1, 2014, page-43-57.
33. **"Performance Studies on Biological Treatment of Slaughterhouse Wastewater Using Mixed Culture in Sequencing Batch Reactor"**, by Pradyut Kundu, Anupam Debsarkar and Somnath Mukherjee, **Asian Journal of Water, Environment and Pollution**, IOS Press, Vol-11, No.-2 (2014), pp-67-79.
34. **"Electro-chemical Arsenic Remediation: Field trials in West Bengal"**, Susan E. Amrose, Siva R.S. Bandaru, Caroline Delaire, Case M. van Genuchten, Amit Dutta, Anupam Debsarkar, Christopher Orr, Joyashree Roy, Ashok Gadgil, **"Science of the Total Environment"**, Elsevier Publication, Vol-488–489, Issue-1, (2014), pp-539–546.
35. **"E-waste Management in India: Issues and Concern"**, Dipsikha Dasgupta, Anupam Debsarkar, Debankur Chatterjee, Amitava Gangopadhyay and Debashis Chatterjee, **"Journal of International Environmental Application and Science"**, Vol-9(2), pp-257-261 (2014).
36. **"Kinetic Modeling for Simultaneous Organic Carbon Oxidation, Nitrification, and Denitrification of Abattoir Wastewater in Sequencing Batch Reactor"**, Pradyut Kundu, Anupam Debsarkar & Somnath Mukherjee, **Bioremediation Journal**, Vol-18, (4), pp-267-286, (2014).
37. **"Hydraulic Regime Study for a Bench-Scale Electrochemical Arsenic Remediation (ECAR) Reactor Utilizing Methylene Blue as Tracer"**, Sudipta Ghosh, Anupam Debsarkar and Amit Dutta, **International Journal of Advance Engineering and Research Development (IJAERD)**, Volume-1, Issue-10, October -2014, pp-70-79. ISSN: 2348-6406.
38. **"Novel Methods for Assessing Urban Air Quality: Combined Air and Noise Pollution Approach"**, Anirban Kundu Chowdhury, Anupam Debsarkar and Shibnath Chakrabarty, **Journal of Atmospheric Pollution**, 2015, Vol. 3, No. 1, pp-1-8.
39. **"Assessment of Impact of Landfill Leachate Generation on Ground and Surface Water Quality- A Municipal Solid Waste Landfill Site, Dhapa, Kolkata Case Study"**, Sanjib Kumar Maiti , Sushmita De, Tumpa Hazra, Anupam Debsarkar and Amit Dutta, **International Journal of**

40. **“Assessment of groundwater pollution by municipal solid waste (MSW) landfill leachate: A case study in Kolkata, India”**, Sushmita De, Sanjib Kumar Maiti , Tumpa Hazra, Anupam Debsarkar and Amit Dutta, **International Journal of Computer & Mathematical Sciences (IJCMS)**, ISSN 2347 – 8527, Volume 4, Special Issue, March 2015, pp-12-20.
41. **“Assessment of Seasonal Variation of Landfill Leachate Quality and its Pollution Potential - A Dhapa MSW Landfill Site, Kolkata Case Study”**, Sanjib Kumar Maiti, Sushmita De, Tumpa Hazra, Anupam Debsarkar and Amit Dutta, **International Journal of Advance Engineering and Research Development**, Volume-2, Issue-4, April -2015.
42. **“Peak and Non-Peak Hour Noise-Air Quality and State of Exposure to Noise-Air Pollution at Curbside Open-Air Microenvironment of Kolkata City, India”**, Anirban Kundu Chowdhury, Anupam Debsarkar, Shibnath Chakraborty, **American Journal of Environmental Engineering and Science**, April 2015; 2(3): 18-27.
43. **“Present E-waste Handling and Disposal Scenario in India: Planning for Future Management”**, Dipsikha Dasgupta, Anupam Debsarkar, Debankur Chatterjee, Amitava Gangopadhyay and Debashis Chatterjee, **International Journal of Engineering Research and Applications**, ISSN : 2248-9622, Vol. 5, Issue 5, (Part -3) May 2015, pp.99-107.
44. **“Seasonal Variation of Noise-Air Quality and State of Exposure to Noise-Air Pollution at Curbside Open-Air Microenvironment of Kolkata City, India”**, Anirban Kundu Chowdhury, Anupam Debsarkar, Shibnath Chakraborty, **International Journal of Environmental Pollution and Solutions** (2015) Vol. 3, No. 1 pp. 16-30.
45. **“Conversion of rural abattoir wastes to an organic fertilizer and its application in the field cultivation of tomato in India”**, Malancha Roy, Rimi Das, Anupam Debsarkar, Pradip Kumar Sen and Joydeep Mukherjee, **Renewable Agriculture and Food Systems, Cambridge University Press**, Vol-31 No.-4, pp-350-360, 2015.
46. **“Quantification and Characterization of Correlation between Traffic Noise Level and Concentration of Traffic Related Air Pollutant(s) in the Curbside Open-Air Micro-Environment of Kolkata City, India”**, Anirban Kundu Chowdhury, Anupam Debsarkar, Shibnath Chakraborty, **Pollution Research**, Vol-34, No.-2, page- 409-416 (2015).
47. **“Organic Cultivation of Tomato in India with Recycled Slaughterhouse Wastes: Evaluation of Fertilizer and Fruit Safety”**, Malancha Roy, Rimi Das, Amit Kundu, Sanmoy Karmakar, Satadal Das, Pradip Kumar Sen, Anupam Debsarkar and Joydeep Mukherjee, **Agriculture (MDPI) 2015**, Vol-5, No.-3, pp-826-856; doi:10.3390, ISSN 2077-0472.
48. **“Critical assessment of day time traffic noise level at curbside open-air microenvironment of Kolkata City, India”**, Anirban Kundu Chowdhury, Anupam Debsarkar, Shibnath Chakraborty, **Journal of Environmental Health Science & Engineering (Springer Publication)**, (2015) Volume-13, Article No.-65.
49. **“Critical analysis of day time traffic noise level at curbside open-air microenvironment of two types of road network of a big city”**, Anirban Kundu Chowdhury, Anupam Debsarkar, Shibnath Chakraborty, **Journal of Environmental and Occupational Science**, Vol-4, Issue-4, pp-184-189, November, 2015.

50. "Assessment of combined Noise-Air quality and combined exposure to Noise-Air pollution at the curbside open-air microenvironment of Kolkata city, India", Chowdhury, K.A., Debsarkar, A., and Chakrabarty, S., *Pollution*, 2(1): 35-47, Winter 2015-2016.
51. "Assessment of Seasonal Variations of Average Traffic Pollution Levels in Curbside Open-Air Microenvironments in Kolkata, India", Anirban Kundu Chowdhury, Anupam Debsarkar and Shibnath Chakrabarty, *Health Scope.*, Vol-5, No.-2, 2016, DOI: 10.17795/jhealthscope-33081, published online 2016 January 1.
52. "Leachate characterization and identification of dominant pollutants using leachate pollution index for an uncontrolled landfill site", S. De, S. K. Maiti, T. Hazra, A. Debsarkar, A. Dutta, *Global Journal of Environmental Science and Management*, Vol-2(2): pp-177-186, April, 2016.
53. "Scenario of future e-waste generation and recycle-reuse-landfill-based disposal pattern in India: a system dynamics approach", Dipsikha Dasgupta, Anupam Debsarkar, Tumpa Hazra, B.K. Bala, Amitava Gangopadhyay and Debashis Chatterjee, *Environment, Development and Sustainability (Springer Publication)*, Vol-19, No.-3, pp-1473–1487, 2017, DOI 10.1007/s10668-016-9815-6.
54. "Removal of Basic Dyes from Aqueous Solution by Adsorption Using Rice Husk Ash-A Fixed Bed Column Study", Soumitra Banerjee, Anupam Debsarkar and Siddhartha Datta, *International Journal of Advanced Engineering, Management and Science (IJAEMS)*, Vol-3, Issue-4, April, 2017, <https://dx.doi.org/10.24001/ijaems.3.4.7>.
55. "Adsorption of Methylene blue and Malachite Green in Aqueous Solution using Jack Fruit Leaf Ash as Low Cost Adsorbent", Soumitra Banerjee, Anupam Debsarkar and Siddhartha Datta, *International Journal of Environment, Agriculture and Biotechnology (IJEAB)*, Vol-2, Issue-3, May-Jun- 2017, <http://dx.doi.org/10.22161/ijeab/2.3.45>.
56. "Supportive Urban Water Management-A Case Study of Barasat Municipality, West Bengal", Satabdi Biswas and Anupam Debsarkar, *Indian Journal of Regional Science*, Vol-XLIX, No.-2, pp-72-78, 2017.
57. "Hexavalent Chromium Tolerance of Bacterial Strains Isolated from Tannery Effluent Contaminated Soil", Piku Sen, Anupam Debsarkar and Debasish Pal, *International Journal of Innovative Research & Studies*, 2018, Volume 8, Issue IV, DOI: 16.10086/IJIRS.
58. "Impact of water demand on hydrological regime under climate and LULC change scenarios", Satiprasad Sahoo, Anirban Dhar, Anupam Debsarkar and Amlanjyoti Kar, *Environmental Earth Sciences* (2018) 77:341, Springer-Verlag GmbH Germany, Part of Springer Nature 2018, <https://doi.org/10.1007/s12665-018-7531-2>

B. Research Papers contributed/presented in the Seminars

1. "Vertical Distribution of Two Gaseous Pollutants (NO₂ & SO₂)"- Anupam Debsarkar and Shibnath Chakrabarty, Seminar on 'Air Pollution: at what cost?', organized by Indian Association for Air Pollution Control, University of Baroda, Vadodara, India, October-1999.
2. "Air Quality Indexing System for the City of Calcutta"- Anupam Debsarkar and Shibnath Chakrabarty, Seminar on 'Industrial Pollution & Control: IPC-2000', organized by Department of Chemical Engineering, Banaras Hindu University, Feb-2000.

3. **"Application of SBR Technology for Treatment of Various Industrial Wastewater- An Overview"**- A. Debsarkar and S.N. Mukherjee, paper presented at the "Seminar on Industrial Pollution & Control: IPC-2000", organized by Department of Chemical Engineering, Banaras Hindu University, Feb-2000.
4. **"Air Quality Indexing System with Particular Reference to the City of Calcutta"**- Anupam Debsarkar and Shibnath Chakrabarty, paper presented at the "VII West Bengal State Science & Technological Congress", organized by Jadavpur University, Feb-March (2000).
5. **"Arsenic Reduction from Aqueous System by some Water Plants"**- A. Debsarkar and S.N. Mukherjee, paper presented at the "VII West Bengal State Science & Technological Congress", organized by Jadavpur University, Feb-March (2000).
6. **"Validation of Kerbside Urban Air Quality Model for Nitrogen Dioxide"**- S.Chakrabarty, A. Debsarkar and S. Goswami, paper presented at the "IX- National Symposium on Environment (NSE-9)", organized by Bangalore University, 2000.
7. **"Monitoring Indoor Air- A Case Study"**- J. Maitra, A. Debsarkar and S.N. Chakrabarty, paper presented at the "III-All India People's Technology Congress", Science City, Calcutta, Feb-2001.
8. **"A General Overview on Alternative Fuels with Special Emphasis on CNG"**- R. Ganguly, B. Thakur, A. Debsarkar and S.N. Chakrabarty, paper presented at the "National Workshop cum Seminar on Environmental Pollution and its Management", organized by USIC, Jadavpur University, Dec-2002.
9. **"Biomedical Waste Management- Problems and Solutions"**- I. Mukherjee, B. Thakur, A. Debsarkar and S.N. Chakrabarty, paper presented at the "IVth All India People's Technology Congress", Science City, Calcutta, Feb-2002.
10. **"An Overview of Fine Particulate Pollution"**- I. Mukherjee, B. Thakur, A. Debsarkar and S.N. Chakrabarty, paper presented at the "National Seminar on Urban Air Pollution- Issues and Solutions", Vadodara, March-2003.
11. **"Dispersion of Sulfur Dioxide in the Indoor Air"**- B. Thakur, A. Debsarkar and S.N. Chakrabarty and A.K. Misra, paper presented at the "International Conference on Environment and Development", Science City, Kolkata, February-2004.
12. **"Ozone Depletion Problem- The Current Status"**- P. Roychowdhury, B. Thakur, A. Debsarkar and S.N. Chakrabarty, paper presented at the "National Seminar on Disaster and its Management- Perspective and Future Approaches", organized by Krishnanagar Government College, April-2004.
13. **"Biomedical Waste Management- An Indian Perspective"**- S.N. Chakrabarty, B. Thakur, I. Mukherjee and A. Debsarkar, paper presented at the "International Conference on Environment & Development", Institute of Social Study, Feb-2004.
14. **"Vertical Profile of Air Pollution with Emphasis on Gaseous Pollutants"**- S.N. Chakrabarty, A. Debsarkar & U. Bhattacharya- paper presented at the "IVth All India People's Technology Congress", Science City, Feb-2003.
15. **"Rainwater Harvesting and its Feasibility in the city of Kolkata"**- P.S Ghosal, A. Debsarkar and S.N. Chakraborty, paper presented at the "International Conference on Crisis Management in Water and Environment, 2005", organized by Indian Association of Hydrologists
16. **"Hazardous Waste Management: E- Waste- A Critical Review"**- B. Roy, A. Debsarkar and S.N. Chakraborty, paper presented at IIT Kanpur

17. **“Sequencing Batch Reactor (SBR)- An Emerging Technology for Wastewater Treatment”**-A. Debsarkar, S.N. Mukherjee and S. Datta, paper presented at the “All India Seminar on Water & Wastewater Management”, organized by Civil Engineering Department, Jadavpur University, 26.08.2006.
18. **“Aerobic- Anoxic Treatment for Simultaneous SCOD Removal, Nitrification and Denitrification- A Laboratory-Scale SBR Study”**- A. Debsarkar, S.N. Mukherjee and S. Datta, paper accepted for presentation at the “International Conference on Civil Engineering in the New Millennium: Opportunities & Challenges”, BESU, (11-14)th January, 2007.
19. **“Low Cost Surface Water Treatment Technologies–Recent Scenario”**–S. Mukhopadhyay, D. Mukherjee and A. Debsarkar, paper presented at the “VIth All India People’s Technology Congress”, Science City, 10–11th Feb–2007
20. **“Scope of an Alternative, Cost–Effective Approach to Power Generation in India: Recent Trends”**–N. Manna, A. Chakrabarty and A. Debsarkar, paper presented at the “VIth All India People’s Technology Congress”, Science City, 10–11th Feb–2007.
21. **“Cleaner Production Strategies for Small-Scale Rural Slaughterhouses-A Case Study”**- Tirtha Banerjee, Nayna Datta, Anupam Debsarkar, Joydeep Mukherjee, Shibnath Chakrabarty and Amitava Gangopadhyay, paper presented at “National Conference on Integrated Water and Wastewater Management”, November-2008, Jadavpur University, Kolkata.
22. **“Solar Disinfection of Stored Rainwater –An Alternative and Cost-Effective Approach for Obtaining Drinking Water in Rural India”**-Arkaprabha Majumder, Anupam Debsarkar & Prof. Arunabha Majumder, paper presented at “National Conference on Integrated Water and Wastewater Management”, November-2008, Jadavpur University, Kolkata.
23. **“Utilization of Waste Blood for Preparation of Blood Meal and Soil Conditioner –A Solution to Slaughter House Waste Problem”**- Nayna Datta, Anupam Debsarkar and Joydeep Mukherjee, paper presented at the “VIIth All India People’s Technology Congress”, Science City, 6–7th Feb–2009.
24. **“Carbon Capture and Storage- The Technological Challenge of The Next Decades”**- Tirtha Banerjee, Md. Rushdie Ib-ne Islam, Angshuman Singha, Anirban Kundu Chowdhury and Anupam Debsarkar, paper presented at the “VIIth All India People’s Technology Congress”, Science City, 6–7th Feb–2009.
25. **“Potential Health Effects of Radio Frequency Emitted from Mobile Telephones and Its Base Stations - A Critical Review”**- Anirban Kundu Chowdhury, Tirtha Banerjee, Tuhin Subhra Konar, Anupam Debsarkar and Amitava Bandopadhyay, paper presented at the “VIIth All India People’s Technology Congress”, Science City, 6–7th Feb–2009.
26. **“Quality Evaluation of Surface and Ground Water Sources in the Adjacent Areas of Dhapa Solid Waste Dumping Ground”**- Kankan Mukhopadhyay, Sumona Mukherjee, Anupam Debsarkar, Amit Dutta and Amitava Gangopadhyay, paper presented at the “National Conference on Agricultural and Industrial Metabolism for Sustainable Development”, IISWBM, 3-4 December, 2010.
27. **“Quality Assessment of Soil in an Agricultural Land having Age-old Practice of Co-recycling of Solid and Liquid Waste”**, Sumona Mukherjee, Kankan Mukhopadhyay, Anupam Debsarkar, Amit Dutta and Amitava Gangopadhyay, paper presented at the “National Conference on Agricultural and Industrial Metabolism for Sustainable Development”, IISWBM, 3-4 December, 2010.

28. **“Combined COD Removal and Nitrification Kinetics for Treatment of Slaughterhouse Wastewater in a Batch Fed Reactor”**, Pradyut Kundu, Anupam Debsarkar and Somnath Mukherjee, paper presented at the “National Conference on Case Studies in Environmental Management (CSEM)”, VNIT, Nagpur, 5-6 March, 2011.
29. **“Performance Evaluation of a Sequencing Batch Reactor (SBR) for Treatment of Slaughterhouse Wastewater”**, Pradyut Kundu, Suman Sen, Sujan Pal, Sumana Mitra, Anupam Debsarkar and Somnath Mukherjee, paper presented at the “International Conference on Recent Innovations in Technology (ICRIT-2012)”, RIT-Kottayam, Kerala, 12-14 January, 2012.
30. **“Application of Sequencing Batch Reactor (SBR) Technology for Treatment of Slaughter House Wastewater”**, Pradyut Kundu, Suman Sen and Anupam Debsarkar, paper presented at the “National Conference on Challenges for Civil Engineering due to Environmental Degradation”, BIET, Suri, Birbhum, West Bengal, 18-19 February, 2012.
31. **“Enrichment of Nitrogen and Phosphorous through Waste Recycling in Agricultural Area at Dhapa, Kolkata”**, Sanjib Kumar Maiti, Sushmita De, Anupam Debsarkar, Amit Dutta, Amitava Gangopadhyay, paper presented at the “National Conference on Challenges for Civil Engineering due to Environmental Degradation”, BIET, Suri, Birbhum, West Bengal, 18-19 February, 2012.
32. **“Heavy Metal Pollution in Environmental Components due to Waste Recycling for Agricultural Purposes at Dhapa, Kolkata”**, Sushmita De, Sanjib Kumar Maiti, Anupam Debsarkar, Amit Dutta, Amitava Gangopadhyay, paper presented at the “National Conference on Challenges for Civil Engineering due to Environmental Degradation”, BIET, Suri, Birbhum, West Bengal, 18-19 February, 2012.
33. **“Locally Affordable and Scalable Arsenic Remediation for South Asia using ECAR”**, by S.E. Amrose, A.J. Gadgil, S.R.S. Bandaru, C. Delaire, C.M. van Genuchten, L. Li, C. Orr, A. Dutta, A. Debsarkar, A. Das, J. Roy in the **36th WEDC International Conference, Nakuru, Kenya, 2013** on “Delivering Water, Sanitation and Hygiene Services in an Uncertain Environment”.
34. **“Addressing arsenic mass poisoning in South Asia with innovative technology: ECAR field tests in West Bengal, 2009 – 2013”**, Susan E. Amrose, Siva R.S. Bandaru, Caroline Delaire, Case M. van Genuchten, Andrew A. Torkelson, Lei Li, Amit Dutta, Anupam DebSarkar, Christopher Orr, Joyashree Roy, Ashok Gadgil, presented in the **International GEOGEN Conference, 2013, Addis Ababa, Ethiopia**.
35. **“Performance and Application of Alternative Arsenic Mitigation Options in West Bengal (India): Community Response”**, Abhijit Das, Anupam Debsarkar & Amit Datta, presented in the International Seminar on “Current Status of Arsenic, Fluoride and Pathogens in Drinking Water: Treatment Methods and Experiences”, organized by International Centre for Ecological Engineering (ICEE) & Kalyani Shine India (KSI) in cooperation with Federal Ministry of Economic Cooperation and Development, Germany / HEGO Biotec GmbH Germany) on 1st April, 2013.
36. **“Chromium-tolerant bacteria in diversified soil microbial community in the bank of tannery waste water discharging canal of East Calcutta, West Bengal”** at **National Conference on Biodiversity NCB – 2014 – Issues, Concern and Future Strategies**, organized by West Bengal Biodiversity Board (Dept. of Environment, Govt. of West Bengal) 16-18 January 2014, Science City Mini Auditorium, Kolkata and TEQUIP Hall, Jadavpur University, Kolkata.

37. **“Isolation of Chromium-tolerant bacteria in diversified soil microbial community”** at **“International Conference on Molecular Biology and Its Applications”** organized by Department of Life Science and Biotechnology, Jadavpur University, February 14 & 15, 2014.
38. **“Impact of Landfill Leachate on Ground and Surface Water Quality- A Municipal Solid Waste Landfill Site, Dhapa, Kolkata Case Study”**, Sanjib Kumar Maiti, Sushmita De, Tumpa Hazra, Anupam Debsarkar, Amit Dutta, presented in TEQIP-II Symposium on **“Management and Procurement of Integrated Waste Management System”**, (6-7 February, 2015), conducted by Department of Civil Engineering, IITG, organized by Knowledge Incubation Cell, Centre for Educational Technology, Indian Institute of Technology Guwahati, pp. 21.
39. **“A Study on the Leachate Pollution Potential and Sub-leachate Pollution Indices of Municipal Solid Waste (MSW) Landfill Leachate in Kolkata”**, Sushmita De, Sanjib Kumar Maiti, Tumpa Hazra, Anupam Debsarkar, Amit Dutta, presented in TEQIP-II Symposium on **“Management and Procurement of Integrated Waste Management System”**, (6-7 February, 2015), conducted by Department of Civil Engineering, IITG, organized by Knowledge Incubation Cell, Centre for Educational Technology, Indian Institute of Technology Guwahati, pp. 20.
40. **“E-waste Scenario in India: Existing Practice and Planning for Future Management System”**, Dipsikha Dasgupta, Anupam Debsarkar, Amitava Gangopadhyay and Debashis Chatterjee, presented in TEQIP-II Symposium on **“Management and Procurement of Integrated Waste Management System”**, (6-7 February, 2015), conducted by Department of Civil Engineering, IITG, organized by Knowledge Incubation Cell, Centre for Educational Technology, Indian Institute of Technology Guwahati, pp.-3.
41. **“Characterization of arsenic bearing ECAR sludge and its immobilization in concrete”**, Abhisek Roy, Indranil Mookherjee, **Amit Dutta**, Anupam Debsarkar, Naru Gopal Das, Soumil Gupta Bhaya. International Conference on Emerging Trends in Informatics & Communication (ICETIC), organized by Brainware Group of Institutions, Kolkata. 20-21st February, 2016.
42. **“Sustainable Management of Arsenic Bearing Sludge”**, I. Mookherjee, A. Roy, A. Dutta, **A. Debsarkar**, P. Aitch, presented in **6th International Conference on Solid Waste Management, 6th IconSWM 2016, Jadavpur University, Kolkata, India, November 24 - 26, 2016.**
43. **“Assessment of Ecological and Health Risk associated with Informal Handling of E-waste: A Case Study of Sangrampur, South 24 Parganas”**, Dipsikha Dasgupta, Anupam Debsarkar, Amitava Gangopadhyay and Debasish Chatterjee, presented in **6th International Conference on Solid Waste Management, 6th IconSWM 2016, Jadavpur University, Kolkata, India, November 24 - 26, 2016.**
44. **“Electrocoagulation Process for Landfill Leachate Treatment: A Review”**, S.K. Maiti, T. Hazra and **A. Debsarkar**, presented in **6th International Conference on Solid Waste Management, 6th IconSWM 2016, Jadavpur University, Kolkata, India, November 24 - 26, 2016.**
45. **“Conversion of abattoir wastes and its subsequent use as organic fertilizer: A Sustainable approach towards waste management”**, Malancha Roy, Joydeep Mukherjee and **Anupam Debsarkar**, presented in **6th International Conference on Solid Waste Management, 6th IconSWM 2016, Jadavpur University, Kolkata, India, November 24 - 26, 2016.**
46. **“Investigation on arsenic leaching from sludge embedded concrete for different size ranges using TCLP”**, Abhisek Roy, Indranil Mookherjee, Saikat Sit, Amit Dutta, **Anupam Debsarkar**, **National Conference on Sustainable Advanced Technologies for Environmental Management**, Department of Civil Engineering, Indian Institute of Engineering Science and Technology, Shibpur, **June (28-30), 2017.**

47. **“Diurnal trends and seasonal variation of few criteria air pollutants (suspended particulate matters, gaseous and heavy metal) in the ambient air of Jadavpur, Kolkata”**, Abhisek Roy, Shibnath Chakraborty, Amit Dutta, Anupam Debsarkar, **National Conference on Sustainable Advanced Technologies for Environmental Management**, Department of Civil Engineering, Indian Institute of Engineering Science and Technology, Shibpur, **June (28-30), 2017**.
48. **“The quest for mechanistic insights for bioaccumulation of hexavalent chromium: a white route for bioremediation”** at LERIG organised by CLRI in Chennai, 2017.
49. **“Remediation of Chromium: An Overview of Chemical and Microbial Processes and Mechanisms”**, Piku Sen, Debasish Pal and Anupam Debsarkar, **Research Conclave, 2018, IIT-Guwahati**.

C. Research Papers published in Books

1. Amit Dutta and Anupam Debsarkar. **“Arsenic Contamination of Groundwater and its Remediation – A West Bengal Perspective”**. Published in a book as an outcome of UGC sponsored state level seminar, **“Access in Ground Water: Complexities and challenges Ahead in West Bengal”**, edited by Abhijit Das. pp 91 – 108. ISBN: 978-81-924432-07. Published in 2014.

D. Special Research Achievement

1. Worked as Research Team Member of **“Arsenic Research Group”** of **University of California, Berkeley** under **Prof. Ashok Gadgil, Division Director, and Faculty Senior Scientist, Environmental Energy Technologies Division, Lawrence Berkeley National Laboratory (2011-2017)**.

E. Other Important Achievements

1. Participated as **panelist** in the UGC-sponsored State Level Seminar on **“Access to Safe Water: Socio-Economic & Technical Challenges in Arsenic Affected Areas of Murshidabad”**-10-11th January, 2012, Kandi Raj College, Mushidabad.
2. Delivered Lecture on **“Defluoridation of Groundwater”** at the National Workshop on **“Application of Different Techniques for Wastewater Management under Current Scenario”**, at College of Engineering & Management, Kolaghat, under TEQIP-Phase-II on (March 23-24, 2013).
3. Participated in the **“Rural Drinking Water Roundtable: Thirst for a Business Model”**, organized by the **Embassy of the United States of America** and the **Department of Science & Technology** with support from the **Federation of Indian Chambers of Commerce & Industry**, April 8, 2013, at the Committee Hall of Federation House, FICCI, New Delhi.
4. **Visited UCB and LBNL as Visiting Scholar during 21st July to 28th August, 2013.**
5. Delivered invited lecture on **“Global Climate Change and Relevance of Green Industry”** at **TSPDL, Tata Centre** on 26th June, 2014.
6. Delivered lecture in the National Seminar on **“Emerging Trends in Civil Engineering”** organized under **“Special Assistance Programme - UGC”** at **Department of Civil Engineering , Jadavpur University** on **“Landfill Leachate and its Impact on the Surrounding Surface and Ground Water Quality - A Dhapa MSW Dumping Site, East Kolkata Case Study”** on 20th October, 2014.

7. Delivered lecture in the three-week long **UGC-Sponsored refresher course** on **“Recent Advances in Civil & Structural Engineering”** held at the **Department of Civil Engineering, Jadavpur University** on the topic **“Environmental Impact Assessment in India-An Appraisal”** on **22nd January, 2015.**
8. Delivered lecture in the three-week long **UGC-Sponsored special course** on **“Disaster Management”** held at the **Department of Civil Engineering, Jadavpur University** on the topic **“Environmental Impact Assessment”** on **12th March, 2015.**
9. Delivered lecture in the three-week long **UGC-Sponsored special course** on **“Disaster Management”** held at the **Department of Civil Engineering, Jadavpur University** on the topic **“Hazardous Waste Management from Indian Perspective”** on **20th March, 2015.**
10. Delivered invited lecture in the seminar on **“Smart Cities: Issues & Challenges”** organized by **“Society of Civil Engineers, Jadavpur University”**, held at the **New Seminar Room, Department of Civil Engineering, Jadavpur University** on the topic **“Smart Cities: Issues & Challenges- From Environmental Perspective”** on **26th September, 2015.**
11. Delivered invited lecture on **“Arsenic Remediation of Groundwater”** at **Elite Institute of Engineering & Management**, on **8th October, 2015.**
12. Delivered invited lecture on **“Arsenic Remediation of Groundwater”** as a Resource Person during **60th Orientation Programme** at **UGC-HRDC, Salt Lake Campus, Jadavpur University** on **25th February, 2016.**
13. Delivered invited lecture on **“NSS & its Objectives”** as a Resource Person during **60th Orientation Programme** at **UGC-HRDC, Salt Lake Campus, Jadavpur University** on **25th February, 2016.**
14. Delivered invited lecture on **“Arsenic Remediation of Groundwater”** as a Resource Person during **61st Orientation Programme** at **UGC-HRDC, Salt Lake Campus, Jadavpur University** on **20th June, 2016.**
15. Delivered invited lecture on **“NSS & its Objectives”** as a Resource Person during **61st Orientation Programme** at **UGC-HRDC, Salt Lake Campus, Jadavpur University** on **20th June, 2016.**
16. Delivered invited lecture on **“Arsenic Remediation of Groundwater”** as a Resource Person during **62nd Orientation Programme** at **UGC-HRDC, Salt Lake Campus, Jadavpur University** on **5th September, 2016.**
17. Delivered invited lecture on **“NSS & its Objectives”** as a Resource Person during **62nd Orientation Programme** at **UGC-HRDC, Salt Lake Campus, Jadavpur University** on **5th September, 2016.**
18. Delivered invited lecture on **“Defluoridation of Groundwater”** at **Elite Institute of Engineering & Management**, on **28th October, 2016.**
19. Delivered lecture in the three-week long **UGC-Sponsored refresher course** on **“Disaster Management”** held at the **Department of Civil Engineering, Jadavpur University** on the topic **“Environmental Impact Assessment in India-An Appraisal”** on **4th November, 2016.**
20. Delivered invited lecture on **“Arsenic Remediation of Groundwater”** as a Resource Person during **63rd Orientation Programme** at **UGC-HRDC, Salt Lake Campus, Jadavpur University** on **21st November, 2016.**
21. Delivered invited lecture on **“NSS & its Objectives”** as a Resource Person during **63rd Orientation Programme** at **UGC-HRDC, Salt Lake Campus, Jadavpur University** on **21st November, 2016.**

22. Delivered lecture in the three-week long **UGC-Sponsored refresher course** on **“Built Environment & Sustainable Technologies (BEST)”** held at the **Department of Architecture, Jadavpur University** on the topic **“Air Pollution & Human Health”** on **13th January, 2017**.
23. Delivered lecture in the three-week long **UGC-Sponsored refresher course** on **“Built Environment & Sustainable Technologies (BEST)”** held at the **Department of Architecture, Jadavpur University** on the topic **“Air Quality Management”** on **14th January, 2017**.
24. Delivered lecture in the three-week long **UGC-Sponsored refresher course** on **'Current Environmental Issues: Impact, Measurement and Mitigation'**, organized by **'School of Environmental Studies, Jadavpur University'** at the **Seminar Room of School of Energy Studies, Jadavpur University** on the topic **“Defluoridation of Drinking Water”** on **19th January, 2017**.
25. Delivered lecture in the three-week long **UGC-Sponsored refresher course** on **'Current Environmental Issues: Impact, Measurement and Mitigation'**, organized by **'School of Environmental Studies, Jadavpur University'** at the **Seminar Room of School of Energy Studies, Jadavpur University** on the topic **“Hazardous Waste Management-from Indian Perspective”** on **20th January, 2017**.
26. **Organized a short term course** on **“Engineering & Materials for Sustainable Development”** as Course Coordinator under the aegis of **“Global Initiative of Academic Network (GIAN)”** programme of **MHRD, Government of India** from **27.01.2017 to 02.02.2017** at the seminar room of Department of Electrical Engineering, Jadavpur University.
27. Delivered invited lecture on **“Arsenic Remediation of Groundwater”** as a Resource Person during **64th Orientation Programme** at **UGC-HRDC, Salt Lake Campus, Jadavpur University** on **14th February, 2017**.
28. Delivered invited lecture on **“NSS & its Objectives”** as a Resource Person during **64th Orientation Programme** at **UGC-HRDC, Salt Lake Campus, Jadavpur University** on **14th February, 2017**.
29. Delivered invited lecture on the topic **“Air Pollution & Human Health”** on **21st April, 2017** at the day-long seminar on **“Environmental Pollution & Control”** organized by **Department of Civil Engineering, Calcutta Institute of Engineering & Management, Tollygunge**.
30. Delivered lecture in the one-week long **AICTE-sponsored QIP short-term course** on **“Solid & Hazardous Waste Management”**, organized by **“Department of Civil Engineering, IIT-KGP”** at the **Maitrayee Hall of Indian Institute of Technology, Kharagpur** on the topic **“Hazardous Waste Management-An Indian Perspective”** on **28th June, 2017**.
31. Chaired the **Technical Session-VI** on **“Solid & Hazardous Waste Management”** of the **“National Conference on Sustainable Advanced Technologies for Environmental Management”** held on **June 29 (28-30), 2017** at the **Department of Civil Engineering, Indian Institute of Engineering Science and Technology (IEST), Shibpur**.
32. Delivered invited lecture on the topic **“Elements of Environmental Engineering”** on **9th August, 2017** under the purview of **“Value Added Training Programme”** organized by **Department of Civil Engineering, Netaji Subhas Institute of Engineering & Management, Garia**.
33. Delivered **ten invited lectures** on the topic **“Rural Solid & Liquid Waste Management”** over the months **August-November, 2017** under the purview of **“Value Added Training Programme for Nirman Shayaks of Government of West Bengal”** organized by **Department of Civil Engineering, Meghnad Saha Institute of Technology** over the period of **August-November, 2017**.

34. Delivered lecture in the three-week long **UGC-Sponsored refresher course** on **“Recent Advances in Civil Engineering”** held at the **Department of Civil Engineering, Jadavpur University** on the topic **“Urban Air Quality Management in India- Initiatives & Challenges”** on **6th January, 2018**.
35. Delivered lecture in the three-week long **UGC-Sponsored refresher course** on **“Recent Advances in Civil Engineering”** held at the **Department of Civil Engineering, Jadavpur University** on the topic **“Arsenic Remediation of Groundwater”** on **12th January, 2018**.
36. Delivered lecture in the two-day long **Faculty Development Programme** organized by **Tripura Institute of Technology (TIT), Narsingarh** on **“Ground water Contamination & Management”** on 26-27 July, 2018 on the topic **“Groundwater scenario of India”** under **TEQIP-III**.
37. Delivered lecture in the two-day long **Faculty Development Programme** organized by **Tripura Institute of Technology (TIT), Narsingarh** on **“Ground water Contamination & Management”** on 26-27 July, 2018 on the topic **“Fluoride Contamination in Ground water”** under **TEQIP-III**.

10. Experience as a Consultant:

- i) As a member of **Expert Committee** formed by **Hon’ble Kolkata High Court** on **‘Improvement of Ambient Air Quality in Sealdah Railway Siding’-2001**
- ii) As **EIA consultant** for **‘EIA & EMP study for Proposed KPC Medical College & Hospital, Jadavpur’- 2005**.
- iii) As **EIA consultant** for **‘EIA & EMP for Proposed Underground Car Park and Beautification of BBD Bag Area, Kolkata’- 2006**.
- iv) As an **expert** of the **Special Multi-disciplinary team** for **‘Preparation of Comprehensive Rejuvenation Plan (CRJP) for Rabindra Sarobar Area, Kolkata’ – 2007**.
- v) As **EIA consultant** for **‘Rapid Environmental Impact Assessment for the Proposed Auditorium at Rabindra Sadan-Nandan Complex, Kolkata’- 2009**.
- vi) As an **expert member** for preparation of **‘Environmental Management Plan for a Sustainable Building at EM Bye pass, Kolkata’-2009**.

11. Contribution to Institutional Corporate Life:

- i) **Member of Faculty Council for P.G & U.G studies in Engineering** constituted for the period (2006 - 2010).
- ii) **Member of Planning & Development (P& D) Committee** nominated from Faculty Council for

- P.G & U.G studies in Engineering constituted for the period (2006 - 2010).
- iii) **Member of the Committee constituted to review the proposal of Future Business School** for Integrated Master Degree Course under Jadavpur University (2006-2007).
 - iv) **Administrative Committee member of 'School for Advanced Studies in Industrial Pollution Control Engineering'**, Jadavpur University (2003 onwards).
 - v) **Administrative Committee member of 'Regional Centre of National Afforestation & Eco-Development Board'**, Jadavpur University (2002 – 2003).
 - vi) **Administrative Committee member of 'School of Water Resources Engineering'**, Jadavpur University (2008 onwards).
 - vii) **Academic Committee member of 'School of Environmental Studies'**, Jadavpur University (2009 onwards).
 - viii) **Member of the Court of Jadavpur University** constituted for the period (2010 - 2014).
 - ix) **Member of Executive Council of Jadavpur University** constituted for the period (2010 - 2014).
 - x) **Member of Faculty Council for P.G & U.G studies in Engineering** constituted for the period (2010 - 2014).

List of Projects (Sanctioned/Applied for)

Sl. No.	Title of the Project	Status of the Project	Duration / Value of the Project	Own Designation	Name of Other Investigators	Funding Authority
1.	“Dispersion of Coarse and Fine Particulate Matter”	Sanctioned & Completed in the year 2004.	2.0 years/ Rs.44,000/-	Co-investigator	Prof. Shibnath Chakrabarty	UGC- Unassigned Grant
2.	“Assessment of Pollution from Different Sources: Status of Municipal Solid Waste (MSW) Collection, Treatment and Disposal as per MSW Rules in the State of West Bengal”	Sanctioned in the year 2008. Completed	1.0 year/ Rs.5,59,350/-	Co-investigator	Prof. Arunava Majumdar, Prof. Ashis Majumdar and Dr. Pankaj Kumar Roy	West Bengal Pollution Control Board
3.	“Assessment of Environmental Consequences for Sustainability of Waste Recycling in Present Urban Agricultural Practices”	Completed (2009-2013)	3.0 years/ Rs.15,86,200/-	Principal Investigator	Prof. Somnath Mukherjee, Prof. Amitava Gangopadhyay and Prof. S.K. Mukhopadhyay	Department of Environment, Govt. of West Bengal
4.	“Capacity Building for Efficient Utilization of Coal Based Thermal Power Plant Ash in the State of West Bengal”	Completed (2009-2012)	3.0 years/ Rs.49,82,000/-	Co-investigator	Dr. Tapas Kumar Gupta, and Shri Debashis Sarkar.	Department of Science and Technology, Govt. of India
5.	“A Study to Correlate Air and Noise Quality with Urban Traffic Characteristics for Kolkata Metropolis”	Completed (2010-2013)	3.0 Years/ Rs.12,00,000/-	Principal Investigator	Prof. P. Aitch, Prof. S. N. Chakrabarty, Prof. J. Guha niyogy and Prof. G.N. Bhandari	Department of Science and Technology (DST-PURSE)
6.	Energy-Efficient Arsenic Remediation of Contaminated Groundwater by Electro-Coagulation Process	Sanctioned (2013-2017)	4.0 Years/ Rs.18,00,000/-	Principal Investigator	Dr. Amit Dutta	UPE-II, under University Grants Commission, MHRD
7.	“Demonstrating a Sustainable Solution for Arsenic Removal from Drinking Water”	Sanctioned (2014-2015)	1.0 Year, \$92,732	Principal Investigator	Dr. Amit Dutta	USAID-DIL- University of California, Berkeley

Sl. No.	Title of the Project	Status of the Project	Duration / Value of the Project	Own Designation	Name of Other Investigators	Funding Authority
8	“Sustainable Arsenic Bearing Sludge Management” with University on California Berkeley, US.	Sanctioned (2015-2016)	2.0 years, \$75,000	Co-investigator	Dr. Amit Dutta	US-AID DIL, Co-Investigator
9	“Commercializing a scalable low-cost arsenic remediation technology for societal impact”	Sanctioned (2014-2016)	2.0 years, Total Cost-Rs.2,49,90,868	Member	Prof. Ashok Gadgil, Prof. Joyashree Roy, Dr. Amit Dutta	IUSSTF, member

Anupam Debsarkar.

Date: 31.07.2018

(ANUPAM DEBSARKAR)