

# **CURRICULUM VITAE**



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## **RELEVANT WORK EXPERIENCE:**

1. Working as the Registrar of Harichand Guruchand University, West Bengal, India.
2. Former Professor, Department of Allied Health Sciences, Brainware University, West Bengal, India.
3. Former Adjunct Faculty, Department of Biotechnology, Adamas University, West Bengal, India
4. Worked as Administrative Head of The Faculty Council for PG & UG Studies in Science, JADAVPUR UNIVERSITY, one of the front ranking Institutions in this Country according to national NAAC, NIRF ranking and International TIMES and QS ranking. I worked as the Administrative Head for 16 (sixteen) long years.
5. During that long time, I had to work as a member of the internal review team of the highest order for scheduled UGC and NAAC visit, preparation of different DPR, data and report submission for different national international ranking.
6. Besides the assigned duties in JD like working as the Member Secretary and Convener of Faculty Council, Admission Committee and Ph.D. Committee, I had to take the leading role of the IQAC in regard to the Faculty of Science.
7. I also had to conduct the process of preparation of COURSE CURRICULUM-time to time as per the latest guidelines of the UGC, ACADEMIC CALENDAR, EXAM ROUTINE for the Faculty.
8. I had to take part in the role as the administrative head in organizing International and National Seminars, Workshops etc.

9. I had been teaching in several post graduate and undergraduate courses in Universities and Colleges for about 26 years.

10. Worked as BURSAR of Vidyasagar College, Kolkata during my service as Lecturer and Sr. Lecturer there.

11. I had research experience of more than 30 years. Completed 4 (four) research projects, one research project is ongoing, another research project under submission. I published more than 30 (thirty) research papers in International and National well reputed journals. I attended many international and national conferences as Session Chair. Symposium Speaker, Invited Speaker. I published several Books and Book Chapters. Four scholars completed their Ph D under my supervision as yet.

## **EDUCATION:**

1. **B.Sc. (Honours) in Physiology**, with Physics and Chemistry as subsidiary subjects, **Presidency College, Calcutta**, (1985, *Examination held in 1986*).
2. **M.Sc. in Physiology**, University of Calcutta, (1987, *Examination held in 1988*).
3. **M. Phil in Environmental Science**, University of Calcutta (1989, *Examination held in 1991*).
4. **M. Tech. in Biotechnology**, Jadavpur University (1998 – 2000).
5. **Ph.D. awarded on 26.11.2015**. The title of the thesis is “**Studies on the effects of benzodiazepine derivative alprazolam on different tissues of rat**”, Jadavpur University.
6. **Post Graduate Diploma in Journalism and Mass Communication**, Bharatiya Vidya Bhawan, Kolkata Centre, (1993-1994).

## **AWARDS AND ACHIEVEMENTS:**

1. **Invited Talk award** for the talk on “**Effects of Stress on Immune Regulation**” in the “6<sup>th</sup> International Science Conference” of **World Science congress** held at PGIMER, Dr. R.M.L. Hospital, new Delhi, on 23<sup>rd</sup> to 25<sup>th</sup> December, 2016.
2. **Editorial Board Member** of the journal *American Journal Biomedical and Life Sciences*.
3. **Editorial Board Member** of the journal *International Journal of Pharmacy and Chemistry*.
4. **Reviewer** of the journal *Drug and Alcohol Dependence* of Elsevier Publication.
5. **Reviewer** of the journal *Biomed Research International* of Hindawi Publication.

## **SCHOLARSHIP AND FELLOWSHIP:**

1. **National Scholarship** awarded on the basis of the result of the Madhyamik Examination (**Rank126**) held in 1978. The scholarship continued up to the completion of the M.Sc. Course.

2. **DBT Fellowship** offered by the **Department of Biotechnology, Govt. of India** on the basis of the result of the **National Level Test** organized by the **Jawaharlal Nehru University**, New Delhi for M.Tech. (Biotechnology) Course held in 1998.

## **ADMINISTRATIVE EXPERIENCE:**

1. Worked as the **Principal Secretary, Faculty Council for P.G. & U.G. Studies in Science**, Jadavpur University, Kolkata, 1<sup>st</sup> November 2014 - 30th November 2022.
2. Worked as the **Secretary, Faculty Council for P.G. & U.G. Studies in Science**, Jadavpur University, Kolkata 1<sup>st</sup> November-31<sup>st</sup> October 2014.
3. Worked as the member of the committee to frame the **Draft Statute of Jadavpur University**
4. Worked as the **Bursar** of Vidyasagar College, Kolkata, 2005 – 2006.
5. Worked as the **Head of the Department** of the Department of Physiology of Vidyasagar College, Kolkata, 2004 – 2005.
6. Worked as the **Care Taker Officer** of NCC Unit of Vidyasagar College, Kolkata, 2001 – 2006.
7. Worked as the **Secretary of Vidyasagar College Employees' Co-operative Credit Society Ltd.**, Kolkata, 2003 – 2006.
8. Performed the duties of the **Elected Teachers' Representative to the Governing Body** of the Vidyasagar College, Kolkata, 2006 – 2007.

## **TEACHING EXPERIENCE:**

1. **Former Professor, Department of Allied Health Sciences, Brainware University, Kolkata, West Bengal, India**
2. **Former Adjunct Faculty, School of Life Science and Biotechnology, Adamas University, Kolkata, West Bengal-700126, 10<sup>th</sup> August to 31<sup>st</sup> August.**
3. Experience of teaching in **M.Sc. Biotechnology Course** in the **Department of Life Science and Biotechnology**, Jadavpur University. Papers taught - Cell Biology, Immunology, 2007 onwards.
4. Experience of teaching in **M.Sc. Instrumentation Course** in the **Department of Instrumentation**, Jadavpur University. Papers taught - Biology-II, Biology-III, Biomedical Instrumentation, Biology Practical, 2009 onwards.
5. Experience of teaching in **Post M.Sc. Diploma Course in Medical Physics** in the **Department of Physics**, Jadavpur University. Paper taught- Radiation Biology, 2012 onwards.
6. Experience of teaching in **M.Sc. Zoology Course** in the **Department of Zoology**, Vidyasagar College, Kolkata. Paper taught - Endocrinology. 2006.

7. Experience of teaching in **Physiology (Honors) and Physiology (General) Courses** affiliated to **University of Calcutta** as Permanent Faculty Member in the Department of Physiology, Vidyasagar College, Kolkata, 1999 – 2006.
8. Experience of teaching in **B. Pharm. Course** in the **Department of Pharmaceutical Technology**, Jadavpur University. Paper taught - Pharm Biology. 2006- 2013.

## **WORK EXPERIENCE:**

- 1 *Working as Registrar, Harichand Guruchand University, West Bengal, India, 2<sup>nd</sup> May 2025 onwards*
- 2 *Former Professor, Department of Allied Health Sciences, Brainware University, Kolkata. West Bengal -700125, 5<sup>th</sup> September,2023to 1<sup>st</sup> May 2025*
- 3 *Former Adjunct Faculty, School of Life Science and Biotechnology, Adamas University, Kolkata, West Bengal-700126, 10<sup>th</sup> August to 31<sup>st</sup> August.*
- 4 *Principal Secretary, Faculty Council for P.G. and U.G. Studies in Science, Jadavpur University, Kolkata – 700 032, 1<sup>st</sup> November 2014 to 30<sup>th</sup> November 2022. (Grade Pay Rs. 10,000.)*
- 5 *Secretary, Faculty Council for P.G. and U.G. Studies in Science, Jadavpur University, Kolkata – 700 032, 1<sup>st</sup> November2006 to31<sup>st</sup> October 2014.*
- 6 *Senior Lecturer, Department of Physiology, Vidyasagar College, Kolkata from 1<sup>st</sup> October, 2004 to 31<sup>st</sup> October, 2006.*
- 7 *Lecturer, Department of Physiology, Vidyasagar College, Kolkata from 1<sup>st</sup> October, 1999 to 30<sup>th</sup> September, 2004.*

## **Area of Research Activities:**

1. Synthesis and characterization of Nanocomposites for biomedical application by green synthesis.
2. Preclinical investigation of Nanoconjugates.
3. Pathophysiological investigation of various medicinal, herbal products by animal experimentation using histological, enzymatic and biochemical techniques.
4. Development of herbal preparation, its detailed analysis and pre -clinical study.
5. Detailed systemic toxicological investigation of the drugs and toxins, both short term and long term.
6. Food microbiology.
7. Agricultural microbiology.

## **RESEARCH GUIDANCE:**

**Three (03) candidates** are undergoing their research work under the guidance at this moment.

**Four (4) Ph. D. Degree awarded** under guidance of me.

## RESEARCH EXPERIENCE:

1. Experience of research work for Ph.D. Topic is *“Studies on the effects of benzodiazepine derivative alprazolam on different tissues of rat”*. 2008- 2015.
2. Experience of research during M. Tech. In Biotechnology Course, Dept. of Life Sc. & Biotechnology University of Jadavpur, Research Topic was *“Some Studies on Polymixin B Resistance of Escherichia coli DH 5 $\alpha$ ”* 1999 – 2000.
3. Experience of research during M.Phil. Course, Dept. of Physiology, University of Calcutta Research Topic was *“Effect of Artificial Hibernation on Testicular Activity of Toad (Bufo melanostictus)”* 1990 – 1991.

## RESEARCH PROJECTS:

1. Completed Minor Research Project granted by U.G.C. Title of the Project was *“Effect of Benzodiazepine Drug Administration on Different Tissues of Rat”*. The project period 2006- 2008- Principal Investigator.
2. Completed the Research Project granted by the Department of Science & Technology and Biotechnology, Govt. of West Bengal. Title of the project was *“Agricultural Cultivation for Scientific Adaptation of Santalum album L. plant”* The project period 2019-2021- Principal Investigator.
3. Completed the Research Project granted under RUSA 2.0 Jadavpur University. Title of the Project was *“Identification of Risk Factors for the spread of Antibiotic Resistant Pathogens in retail foods sold in Kolkata metropolitan.”* The project period 2019-2020.
4. Ongoing Research Project granted by the Department of Science & Technology and Biotechnology, Govt. of West Bengal. Title of the project is *“Surveillance of Water Quality and Microbial Diversity of the Wetland Pisciculture in North & South 24 Parganas to assess the status of Antibiotic Resistance in produced Fish gut”* Project Period 2025-2028.

## Book Chapter:

Soumendra Darbar, Srimoyee Saha, Kausikisankar Pramanik and Atiskumar Chattopadhyay, **Haematological Modulations by Fixed Dose Combination (FDC) of Tramadol Hydrochloride/ Paracetamol (THP)**. *Frontiers in Clinical Drug Research-Hematology*: 2022; Volume 5, Mar 8;5: 154. Bentham Books.

Soumendra Darbar, Srimoyee Saha, Kausikisankar Pramanik and Atiskumar Chattopadhyay, **AKSS1-LIV01: An Antioxidant and Immunity-Boosting Multiherbal Formulation for Alcoholic Liver Dysfunction in Experimental Animal Model**, 2024, Volume 5 Chapter-2, 8-40, <https://doi.org/10.9734/bpi/rdcbr/v5>, B P INTERNATIONAL.

## PAPERS, PUBLISHED WORK & PRESENTATIONS:

1. **In Vitro Evaluation of the Phytochemical Components of New Multi-Herbal Medicine LIV01-SSA-23**, Soumendra Darbar, Srimoyee Saha, Atiskumar Chattopadhyay, *Revista electrónica de Veterinaria*, Vol 25, No. 1S 673-680, 2024
2. **A novel multiherbal formulation alleviate Carbon Tetrachloride (CCl<sub>4</sub>) induced serum and tissue protein alterations in experimental murine model**, Soumendra Darbar, Srimoyee Saha and Atiskumar Chattopadhyay, *Afr.J.Bio.Sc.* 6(5) (2024). 7254-7267.
3. **Plant Growth Promoting Traits of Indigenous Root-associated Bacteria of *Santalum album* L. from Bankura and Burdwan Forest Divisions, West Bengal**, Gargi Das, Shabnam Rahman, Jagatpati Tah, Atiskumar Chattopadhyay and Paltu Kumar Dhal, *Afr.J.Bio.Sc.* 6(5) (2024). 1313-1329
4. **Alprazolam and Caffeine induced Cytotoxicity in rat vital organs; a Biochemical and Histological assessment**. Atiskumar Chattopadhyay, Biswarup Saha, Srimoyee Saha, Soumendra Darbar, Debasish Bandyopadhyay, *Parimal Karmakar International Medical Journal*, Volume 30, Issue 12, December, 2023, 9247-9260.
5. **A novel Multi Herbal Formulation (AKSS16-LIV01) protects Obesity and associated Non-alcoholic Fatty Liver Disease**, Soumendra Darbar, Srimoyee Saha, Atiskumar Chattopadhyay, *Curr Res Complement Altern Med* 7: 218, December 2023.
6. **Redox Healing Property of Herbal Formulation in Curing Liver Diseases**, Atiskumar Chattopadhyay, Srimoyee Saha and Soumendra Darbar, *Advanced Research in Gastroenterology & Hepatology*, 19(4), 1-5, 2023.
7. **EVALUATION OF ORAL TOXICOLOGICAL INVESTIGATION OF A HERBAL COMPOSITE (HERBODIL®) IN EXPERIMENTAL ANIMALS**, Soumendra Darbar, Parama Dey, Srimoyee Saha, Atiskumar Chattopadhyay, *Journal of Ayurvedic Herbal and Integrative Medicine*, 3(1), 11-21, 2023.
8. **Haematological Modulations by Fixed Dose Combination (FDC) of Tramadol Hydrochloride/Paracetamol (THP)**. Soumendra Darbar, Srimoyee Saha, Kausikisankar Pramanik, Atiskumar Chattopadhyay. *Frontiers in Clinical Drug Research-Hematology*: Volume 5 Pages 154 Bentham Science Publishers, 2022.
9. **Antioxidant and immunomodulatory effect of AKSS16-LIV01—a multi herbal formulation against ethanol induced liver dysfunction in mice** S Darbar. S Saha, K Pramanik, A Chattopadhyay. *Clinical Phytoscience* 7 (1), 1-20, 2021.
10. **Anti-hyperlipidemic effect of oils from *Sesamum indicum* L. and *Vicia faba* L. on male Wistar rats**. H Khatun, K Das, DK Nandi, J Laha, JS Rao, A Chattopadhyay *Future Foods* 4, 100060, 2021
11. **Mitigating Effect of Herbal Medicine-Livina® upon Serum, Liver and Kidney Against Ethanol Induced Oxidative Stress in Mice** S Darbar, S Saha, A Chattopadhyay. *Innoriginal: International Journal of Sciences*, 1-14, 2021.
12. **Sanative effect of multiherbal formulation—akss16-liv01 on CCl<sub>4</sub>-induced hepatic dysfunction in mice** S Darbar, S Saha, K Pramanik, A Chattopadhyay. *Asian Journal of Pharmaceutical and Clinical Research*, 101-106, 2021
13. **Global dynamics of buruli ulcer disease with horizontal transmission in host population** Tanmay Chowdhury, Atiskumar Chattopadhyay and Smarajit Maji. *Journal of the Calcutta Mathematical Society* 17 ((1)), 83–112, 2021.

14. Ameliorative Effect of Multi Herbal Formulation on Lipid Peroxidation and Redox Dysfunction in Ethanol Induced Hepatic Imbalance. S Darbar, S Saha, K Pramanik, A Chattopadhyay. *Indian Journal of Pharmaceutical Education and Research* 55 (1), 215-223,2021
15. Reduction of oxidative stress and apoptosis in hyperlipidemic rats by composite oil (CO) of Sesamum indicum L. and Vicia faba L.H Khatun, M Mitra, K Das, A Chattopadhyay, DK Nandi. *Mediterranean Journal of Nutrition and Metabolism* 14 (1), 79-89,2021.
16. Ameliorative efficacy of novel multi herbal formulation (AKSS16-LIV01) upon Haematological modulations induced by fixed dose combination of tramadol hydrochloride/paracetamol (THP). S Darbar, S Saha, K Pramanik, A Chattopadhyay *Journal of Drug Delivery and Therapeutics* 10 (6), 11-17,2021
17. Anti-Stress Activity (in-vivo) of Multi Herbal Capsule-Trasina® in Experimental Murine Model. S Darbar, S Saha, S Chattopadhyay, A Chattopadhyay *Asian Journal of Pharmaceutical Research and Development* 8 (5), 52-58,2020
18. Preliminary Assessment of Acute and 28-Day Repeated Dose Oral Toxicity of a Newly Developed Herbal Mixture on Experimental Animal S Darbar, S Saha, K Pramanik, A Chattopadhyay, *Indian Journal of Pharmaceutical Education and Research* 54 (1), 135-142,2020
19. Free radical scavenging potential and antioxidant activity of silver nanoparticle coupled with andrographis paniculata (ap-ag np) against carbon tetrachloride (CCl<sub>4</sub>) induced toxicity in mice Darbar, S Saha, A Chattopadhyay. *Innoriginal: International Journal of Sciences*, 1-6,2019
20. Effect of cellulose nanocrystals on the performance of drug loaded in situ gelling thermo-responsive ophthalmic formulations. Jonathan Tersur Orasugh, Gunjan Sarkar, Nayan Ranjan Saha, Beauty Das, Amartya Bhattacharyya, Sreyasi Das, Roshnara Mishra, Indranil Roy, Atiskumar Chattopadhyay, Swapam Kumar Ghosh, Dipankar Chattopadhyay. *International journal of biological macromolecules* 124, 235-245,2019
21. Toxicological Assessment of Silver Nanoparticles Synthesized through Green Route using *Andrographis paniculata*. Soumendra Darbar, Srimoyee Saha, Kausikisankar Pramanik, Atiskumar Chattopadhyay, *Journal of Nanoscience and Technology*, J. Nanosci Tech. Volume 5 Issue I (2019) 619-621.
22. Effects of Alprazolam Administration on the Vital Organs of Adult Wister Albino Rats, Biochemical and Toxicological Studies. Atiskumar Chattopadhyay, Soumendra Darbar, Srimoyee Saha, Parimal Karmakar, *Indian Journal of Pharmaceutical Education and Research* | Vol 53 | Issue 1 | Jan-Mar, 2019.
23. Supplementation of seed dust of Vicia faba and sesame ameliorates high lipid diet-induced dyslipidemia in rats. Holima Khatun, Koushik Das, Dilip Kumar Nandi, Atiskumar Chattopadhyay. *Current Research in Nutrition and Food Science Journal*, Vol 7, Issue 1, 2019
24. Preliminary acute oral toxicity study of a newly developed herbal formulation. Soumendra Darbar, Srimoyee Saha, Kausikisankar Pramanik and Atiskumar Chattopadhyay. *World Journal of Pharmaceutical Research*, Vol 7, Issue 5, 2018.
25. Jute cellulose nano-fibrils/hydroxypropylmethylcellulose nanocomposite: a novel material with potential for application in packaging and transdermal drug delivery system” Jonathan Tersur Orasugh, Nayan Ranjan Saha, Dipak Rana, Gunjan Sarkar, Md Masud Rahaman Mollick, Atiskumar Chattopadhyay, Bhairab Chandra Mitra, Dibyendu Mondal, Swapam Kumar Ghosh, Dipankar Chattopadhyay, *Industrial Crops and Products*, Vol 112, 2018
26. Nephro-Protective Activity of Isolated Methanol Fractions Phyto-Compound From Bark Of *Terminalia Arjuna*” Shreya Mandal, Arpita Patra, Shrabani Pradhan, Suchismita Roy, Animesh Samanta, Koushik Das, Atiskumar Chattopadhyay, Dilip Kumar Nandi, *International Journal of Pharmacy and Pharmaceutical Sciences*, Vol 9, Issue 12, 2017.

27. An ex situ approach to fabricating nanosilica reinforced polyacrylamide grafted guar gum nanocomposites as an efficient biomaterial for transdermal drug delivery application”- Koushik Dutta, Beauty Das, Dipankar Mondal, Arpita Adhikari, Dipak Rana, Atis Kumar Chattopadhyay, Rajdeb Banerjee, Roshnara Mishra, Dipankar Chattopadhyay, *New J. Chem.*, 2017, 41, 9461—9471.
28. Cellulose nanofibrils / Chitosan based transdermal drug delivery vehicle for controlled release of ketorolac tromethamine” - Gunjan Sarkar, Jonathan T. Orasugh, Nayan R. Saha, Indranil Roy, Amartya Bhattacharyya, Atis K. Chattopadhyay, Dipak Rana and Dipankar Chattopadhyay - *New J. Chem.*, 2017.
29. Effect of gellan gum on the thermogelation property and drug release profile of Poloxamer 407 based ophthalmic formulation- Mitali Dewan, Gunjan Sarkar, Manas Bhowmik, Beauty Das, Atis Kumar Chattoapadhyay, Dipak Rana, Dipankar Chattopadhyay- *International Journal of Biological Macromolecules* 102 (2017) 258–265.
30. Evaluation of Anti-obesity effects of a newly developed herbal composition in high-fat-diet-induced obese mice” – Soumendra Darbar, Srimoyee Saha, Kaushikisankar Pramanik and Atiskumar Chattopadhyay, Proceedings of the 104<sup>th</sup> Indian Science Congress, (Section of Medical Sciences including physiology) conducted by 104<sup>th</sup> Indian Science Congress held at S.V. University, Tirupati, dated 3-7 January, 2017.
31. Toxicological studies.... Wister albino rats, Section of Medical sciences including Physiology- Paper (oral) presentation-Atiskumar Chattopadhyay- during the 104<sup>th</sup> Indian Science Congress held at S.V. University, Tirupati, dated 06/01/2017.
32. A Comparative Assessment of Phytochemical Screening Antioxidant and Antimicrobial Activities Between Leaf and Dust of Black Tea Extracts. Shreya Mondal, Animesh Samanta, Arpita Patra, Shrabani Pradhan, Suchismita Roy, Koushik Das, Atiskumar Chattopadhyay, Dilip Kumar Nandi *Vol 7(6), Page No 90-95, Nov – Dec 2016* International J. Res. Ayurveda Pharm.
33. Role of Faculty Council in Academic Administration-Atiskumar Chattopadhyay- Utech, (contains conference papers & good Practice Guide for governing bodies) (As proposed under TEQUIP, MHRD) in a Two-day National seminar on: “Establishing Good Governace in Academic Institutions organized by: West Bengal University of Technology, dated March 9-10, 2013.
34. Musculoskeletal disorders among carpenters”-Rajib Biswas, Alok Ghosh Chaudhuri, Atish K Chattopadhyay and Amalendu Samanta-Book of abstracts-Ergonomics for everyone-International Ergonomics conference 2009 conducted by International Ergonomics association and Indian society of Ergonomics on December 17-19, 2009, Kolkata, India.
35. Assessment of cardiac strain in small – scale aluminium casting works” Rajib Biswas, Alok Ghosh Chaudhuri, Atiskumar Chattopadhyay, Amalendu Samanta. *Vol 2, No. 2 (2012) Page No. 8-13* International Journal of Occupational Safety and Health.
36. Alprazolam intercalates into DNA” *Journal of Biomolecular Structure & Dynamics*, Biswarup Saha, Ananda Mukherjee, Chitta Ranjan Santra, Atiskumar Chattopadhyay, Amar Nath Ghosh, Utpal Choudhuri, Parimal Karmakar. *Page No. 421 –429, Volume 26, Issue Number 4, (2009) Adenine Press (2009).*
37. In Vitro and In Vivo Effect of Alprazolam on four Marker Tissue Enzymes” Abstract published and Paper presented in 15<sup>th</sup> West Bengal State Science & Technology



Congress, Bengal Engineering and Science University, 28<sup>th</sup> February – 29<sup>th</sup> February, 2008.

38. A Primary Health Assessment of the Fisheries Worker at Diamond Harbour – An Ergonomical Approach” Abstract published and Paper presented in 15th West Bengal State Science & Technology Congress, Bengal Engineering and Science University, 28<sup>th</sup> February – 29<sup>th</sup> February, 2008.
39. Global Warming: Social and Political Implications”. Paper presented in a State Level Seminar held at Birla Industrial & Technological Museum (BITM), 19A, Gurusaday Road, Kolkata–700019 organized by Society for Participatory Action and Reflection (SPAR), 2008.
40. Role of NGOs in Mitigation of Global Warming” – Article published in a collection titled “Global Warming: A Global Warning” published by SPAR on the occasion of a State Level Seminar, 2008.
41. Global Warming: Vijñan O Rajnatee” (Global Warming: Science & Politics) A published book in Bengali, National Book Agency Pvt. Ltd., Kolkata, 2008.
42. Physiology of Stress: Some Clues on its Management” Paper presented in Training Course on “Stress Management in Educational Institutions” under ‘University with Potential for Excellence’ Scheme in Jadavpur University, 18<sup>th</sup> – 19<sup>th</sup> January, 2007.
43. NO and Its Determination”. Paper submitted in UGC-Refresher Course on “Analytical Instruments and their Applications” in Jadavpur University, 30<sup>th</sup> Jan-18<sup>th</sup> Feb, 2006.
44. Jivan Vijñan Praveśh” A published book of Life Science of IX-X, Approved by WBBHSE, 2006. (Co-author), Raghunath Prakashani, Kolkata.
45. Role of NO in Regulation of Blood pressure and flow in Health and Diseases.” Review paper submitted in Refresher Course on “Recent Trends in Life Sciences”, Calcutta University, 25<sup>th</sup> March. – 14<sup>th</sup> April, 2003.
46. Physical and Physiological Characteristics of College Students in Kolkata.” Paper presented in 10th West Bengal State Science & Technology Congress, Vidyasagar University, 28<sup>th</sup> February. – 2<sup>nd</sup> March, 2003.
47. Some Studies on Polymixin B Resistance of Escherichia coli DH 5 $\alpha$ ” Thesis submitted in partial fulfillment of the requirements for the M.Tech. Degree in Biotechnology, Jadavpur University, 2000.
48. Paribeshchinta :Vijñan Theke Darshane” (Environmental Thoughts : From Science to Philosophy), A published book of 225 pages in Bengali, Ganashakti Publishers, Kolkata, 1999.
49. Study of Coverage of Science News in National Dailies” Dissertation submitted for the partial fulfillment of the P.G. Diploma Course in Journalism and Mass Communication, Bhavan’s College of Communication and Management, Kolkata, 1994.
50. Effect of Artificial Hibernation on Testicular Activity of Toad (Bufo melanostictus), Dissertation submitted for the partial fulfillment of the M.Phil. Degree, Calcutta University, 1991.

## PARTICIPATION IN TRAINING, SEMINARS & CONFERENCES:

1. Soumendra Darbar, and Atiskumar Chattopadhyay. **Free radical scavenging potential and Antioxidant activity of Silver Nanoparticle Coupled with *Andrographis paniculata* (AP-Ag NP) Against Carbon tetrachloride (CCl<sub>4</sub>) induced toxicity in mice.** CSPS | PSJ | CC-CRS 2021 Symposium(Virtual) to be held May 30-June 3, 2021.

2. Soumendra Darbar, and Atiskumar Chattopadhyay. Unprecedented Redox scavenging signature alongwith antioxidant action of silver nanoparticle coupled with *Andrographis paniculata* (AP-Ag NP) against carbon tetrachloride (CCl<sub>4</sub>) induced toxicity in mice. 3rd Edition of World Nanotechnology Conference USA| Virtual Event April 19-20, 2021

Soumendra Darbar, Srimoyee Saha, Kausikisankar Pramanik and Atiskumar Chattopadhyay. **Therapeutic Efficacy of a Newly Developed Herbal Formulation Against CCl<sub>4</sub> Induced Hepatic Fibrosis.** Indian Science Congress. 3<sup>rd</sup> to 7<sup>th</sup> January, 2019, Lovely professional University, Jalandhar, Punjab.

3. Paper presentation on “Recent Trend in Indian Higher Education Administration and Finance” organized by the West Bengal University Officers’ Association at Hotel Dolphin, Digha on January 12, 2019.
4. Soumendra Darbar, Srimoyee Saha, Kausikisankar Pramanik and Atiskumar Chattopadhyay. **Safety and Efficacy Study of Silver Nanoparticle Synthesized through Green Route Using *Andrographis paniculata* in Experimental Model.** 3<sup>rd</sup> Pharm. Tech. IAPST International Conference; 19<sup>th</sup> and 20<sup>th</sup> January, 2019, Centurion university, Bhubaneswar, Odisha.
8. Soumendra Darbar, Srimoyee Saha, Kausikisankar Pramanik and Atiskumar Chattopadhyay. **Free radical scavenging potential and Antioxidant activity of Silver Nanoparticle Coupled with *Andrographis paniculata* (AP-Ag NP) Against Carbon tetrachloride (CCl<sub>4</sub>) induced toxicity in mice.** Biospectrum, 8<sup>th</sup> to 10<sup>th</sup> 2019.
9. Soumendra Darbar, Srimoyee Saha, Kausikisankar Pramanik and Atiskumar Chattopadhyay. **Unprecedented Redox scavenging signature alongwith antioxidant action of silver nanoparticle coupled with *Andrographis paniculata* (AP-Ag NP) against carbon tetrachloride (CCl<sub>4</sub>) induced toxicity in mice.** SciTech Biomed-Cancer Sciences 2019. Tokyo: Japan.
10. Soumendra Darbar, Srimoyee Saha, Kausikisankar Pramanik and Atiskumar Chattopadhyay. **Evaluation of Acute Toxicity Study of AgNPs coupled with *Andrographis paniculata* in Experimental Murine Model.** Indian Pharmaceutical Congress. Delhi NCR, 21-23 December 2018.
11. ACS Publications Forum in partnership with Academy of Sciences, November 2018

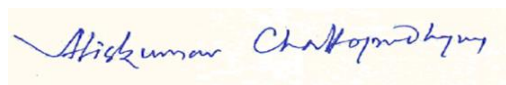
12. Soumendra Darbar, Srimoyee Saha, Kausikisankar Pramanik and Atiskumar Chattopadhyay. **Therapeutic Potential of AgNPs coupled with *Andrographis paniculata* against Chronic Liver Diseases in Experimental Murine Model.** ACS PUBLICATIONS FORUM EXPANDING FRONTIERS IN CHEMICAL SCIENCES. November 1, 2018; Banaras Hindu University, U.P.
13. Soumendra Darbar, Srimoyee Saha, Kausikisankar Pramanik and Atiskumar Chattopadhyay. **Therapeutic Potential of AgNPs coupled with *Andrographis paniculata* against Chronic Liver Diseases in Experimental Murine Model.** International Seminar on “Recent Advances in Molecules and Materials. 2<sup>nd</sup> and 3<sup>rd</sup> August, 2018 at School of Applied Science & Humanities Haldia Institute of Technology Haldia.
14. International Seminar on “Recent Advances in Molecules & Materials (RAM – 2018)” organized by School of Applied Science & Humanities, Haldia Institute of Technology, Haldia, Pin - 721657, West Bengal 2<sup>nd</sup> August – 3<sup>rd</sup> August, 2018.
15. Two days National Seminar on “Environmental Change: Adaptation Challenges by Sustainable Development”, organized by Midnapore City College, Kuturia, Bhadutala, Midnapore, Paschim Medinipur, Pin – 721129, West Bengal, sponsored by Department of Biotechnology, Govt. of India and ICMR, Govt. of India on July 13-14, 2018.
16. Paper presentation on “Dissemination of medical ..... some thoughts” in the Section of Medical Sciences in the 105<sup>th</sup> Indian Science Congress held at Manipur University, Imphal on March 16-20, 2018
17. Two days DST sponsored National Level Seminar on “Role of Basic Sciences in Translational Research applied on Biological Sciences and Human Health” organized by Midnapore City College, Kuturia, Bhadutala, Midnapore, Paschim Medinipur, Pin – 721129, West Bengal, on February 5-6, 2018.
18. Soumendra Darbar, Srimoyee Saha, Kausikisankar Pramanik and Atiskumar Chattopadhyay. **AKSS-16101 attenuate pathological changes in non-alcoholic steatohepatitis (NASH) mouse model.** Indian Science Congress. 3<sup>rd</sup> to 7<sup>th</sup> January, 2018, Manipur University, Manipur.
19. Two days’ workshop “Let’s cheer” for the officers of the University under TEQUIP Phase II programme held from 24.03.2017 at IBIZA, 24 PARGANAS (S).
20. Paper presentation on “Toxicological Studies ..... Wister albino rats” in the Section of Medical Sciences in the 105<sup>th</sup> Indian Science Congress held at S.V. University, Tirupati on January 3-7, 2017.
21. “6<sup>th</sup> International Science Conference” PGIMER, Dr. R.M.L. Hospital, New Delhi, December 23–25, 2016.
22. Two days National Seminar “Higher Education Administration and Reforms in the light of forthcoming Goods and Services Tax (GST)”, organized by the West Bengal University Officers’ association in collaboration with The Institute of cost Accountants of India, at Old digha Purba Medinipur, West-Bengal, on November 12-13, 2016.
23. Two days National Seminar on “Trends in Nutrition Research and Education and its Prospect”, organized by Department of Nutrition, Raja N. L. Khan Women’s College, Midnapore –

721102, Dist. – PaschimMedinipur, West Bengal **in collaboration with Sukumar Sengupta Mahavidyalaya**, Keshpur, Dist. – Paschim Medinipur, West Bengal sponsored by UGC, New Delhi and Department of Biotechnolgy, Govt. of India on August 12-13, 2016.

24. **Effective Office administration & financial Management**”-Residential training programme, organized by the National Productivity Council and implemented by the Economic Services Group, From Dec.14-18, 2015 at Kovalam, Kerala.
25. Seminar on **“Paradigm shift in Higher Education”** on February 21, 2015 in Dr. K.P.Basu Memorial Hall, Jadavpur University, Kolkata, organized by the **West Bengal University Officers’ Association**.
26. Training Programme on **“e-Governance conducted for the Officers of Jadavpur university”** during the period 13.06.2014 & 14.06.2014, conducted by the **National Institute of Electronics & Information Technology (NIELIT), Kolkata**.
27. Two-day National Seminar on **“Higher Education Administration and Reforms in the light of forthcoming Goods and Services Tax (GST)”**, organized by the **West-Bengal University Officers’ Association** at Old Digha, dated 24<sup>th</sup> March,2013.
28. Three-day National Seminar-cum-Workshop on **“Reforms in Higher education administration: Issues, Challenges & Planning”**, organized by the **West-Bengal University Officers’ Association** at Digha, dated 15<sup>th</sup>, 16<sup>th</sup> and 17<sup>th</sup> March,2013.
29. Two days National seminar on **“Ethics and values in governance of academic Administration”**, organized by **Vidyasagar University Officers’ Association** held at Vidyasagar university, Midnapur, 16-17 December, 2011.
30. Two day All India Seminar on **“Foreign University Bill and Proposed Reforms in Indian Education”**, organized by the **Jadavpur University Officers’ Association** and the **All-India Federation of University Officers’ Associations** on October 8 & 9, 2010, Jadavpur university, Kolkata.
31. **UGC Sponsored workshop** on, **“Concept of FOSS with Linux and Applications”**, from 25.03.2010-27.03.2010.
32. Two-day National seminar on **“Academic Administrators: An Entrepreneur and Incubator of Ideas”**, organized by **Vidyasagar university Officers’ Association**, held at Vidyasagar University, Midnapur on 20<sup>th</sup> and 21<sup>st</sup> November, 2009.
33. **UGC sponsored Refresher Course** on **“Thrust Area on Development of Natural Products”** held in **School of Natural Product Studies**, Jadavpur University, Kolkata, 20<sup>th</sup> November and 10<sup>th</sup> December, 2008.

- 34. UGC sponsored 2 days workshop for Academic Administrators**, from 18.01.2008 to 19.01.2008, JUGC-Academic Staff College, Jadavpur University.
- 35. “15th West Bengal State Science & Technology Congress”** Bengal Engineering and Science University, 28<sup>th</sup> February – 29<sup>th</sup> February, 2008.
- 36. National Level Seminar** on Global Warming titled “**Global Warming : A Global Warning**” held in **Birla Industrial & Technological Museum (BITM)**, 19A, Gurusaday Road, Kolkata–700019 organized by Society for Participatory Action and Reflection (SPAR), 2008.
- 37. Training Course on “Stress Management in Educational Institutions”** under ‘*University with Potential for Excellence*’ Scheme in Jadavpur University, 18<sup>th</sup> – 19<sup>th</sup> January, 2007.
- 38. Refresher Course on “Analytical Instruments and their Applications”**, Dept of Instrumentation Science, Jadavpur University, 30th Jan-18th Feb, 2006.
- 39. Refresher Course on “Recent Trends in Life Science”** Dept. of Zoology, Calcutta University, 25<sup>th</sup>Mar. – 14th April, 2003
- 40. 10th West Bengal State Science & Technology Congress”** Vidyasagar University, Midnapore, 28thFeb. – 2nd March, 2003
- 41. Orientation Course on “Perspective in Environmental Science and Technology”** Sivatosh Mookherjee Science Centre, Calcutta 1st Sept. – 6th Oct. 1994

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