

Curriculum-Vitae



Kaustav Chakraborty, Ph.D.(CU), Post-Doc(IICB)

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Present Position: Assistant Professor (W.B.E.S), D/o Zoology, S.B.S. Government College, Hili, Dakshin Dinajpur, West Bengal

Academics:

- **2018 - 2019:** DBT Research Associate (Post Doctorate) at Indian Institute of Chemical Biology, Kolkata.
- **2018:** Doctor of Philosophy (PhD) in Science, Department of Zoology, University of Calcutta, Kolkata.
- **2011:** M.Sc. in Zoology (Specialization – Immunology and Parasitology) from Maulana Azad College, University of Calcutta, Kolkata with 71.50% marks (1st class).
- **2009:** B.Sc. (H) in Zoology from Maulana Azad College, University of Calcutta, Kolkata with 66% marks (1st class).
- **2006:** 12th from Hare School, West Bengal Council of Higher Secondary Education with 79.5% marks (1st division).
- **2004:** 10th from Hare School, West Bengal Board of Secondary Education with 82.6% marks (1st division).

Teaching Experience:

- **30th September, 2019 – Present:** Assistant Professor (W.B.E.S), D/o Zoology, S.B.S. Govt. College, Hili, West Bengal
- **1st February, 2019 – 28th September, 2019:** Guest Lecturer, D/o Zoology, Ramakrishna Mission Vidyamandira, Belur Math, Howrah, West Bengal
- **1st September, 2017 – 31st August, 2018:** Guest Lecturer, D/o Zoology, Basirhat College, Basirhat, West Bengal

Professional & Other Experience:

- **Co-Convener & Host of the Organizing Committee** for One Day National Webinar entitled “Fight Against COVID-19: We Shall Overcome” jointly organized by D/o Zoology, Botany & Chemistry in collaboration with IQAC, S.B.S. Government College, Hili (19.10.2020).
- **Editorial Board Member** of an international journal “Cell Biology” (ISSN Print: 2330-0175, ISSN Online: 2330-0183), Science Publishing Group, USA.
- **Member of External Examination Sub-Committee, Admission & Website Subcommittee, Research & Review Subcommittee, Sports Subcommittee, Seminar Subcommittee, Student’s Career Counseling Subcommittee;** S.B.S. Government College, Hili (01.07.2020 – 30.06.2021).
- **Joint Convener of Internal Complaint Committee,** S.B.S. Government College, Hili (01.07.2020 – 30.06.2021).

- **Nodal Officer of ‘Banglar UcchaSiksha Portal’ entry**, S.B.S. Government College, Hili (18.02.2020 – present).
 - **Member of Internal Examination and Tabulation Sub-Committee**, S.B.S. Government College, Hili (30.11.2019 – 30.06.2020)
 - **Member of the ‘Board of Studies (BOS)’**, D/o Zoology, Ramakrishna Mission Vidyamandira (01.02.19 – 28.09.19)
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Research Experience:

- ❖ **2018 - 2019:** Post Doctorate works on the topic “**Exploring the role of innate immune response in the cross-roads of host-pathogen interaction**”.
 - ❖ **2012 - 2018:** Worked on the PhD thesis entitled “**Role and Status of Dendritic cells (DCs) in Lung Inflammation**”.
 - ❖ **2010 - 2011:** M.Sc. Review work entitled: “**Immunomodulation by *Schistosoma mansoni* in human innate and adaptive immune system**”.
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Awards/Achievements:

- **Reviewer Credits (invited):** (i) **Asian Journal of Pregnancy and Childbirth**
(ii) **Annual Research & Review in Biology (ARRB) Journal**
(iii) **Allied Academics Journal**
 - **‘Invited Speaker’ (Resource Person) for Online Orientation Course for B.Sc. Zoology (Hons + Gen) students in Bangabasi Morning College, 20th August, 2020.**
 - **Awarded for ‘DBT-Research Associateship’, Department of Biotechnology, Government of India on May, 2018.**
July, 2018 – January, 2019: Research Associate (DBT) at IICB.
 - **Qualified NET (National Eligibility Test of joint CSIR-UGC) on December, 2011; Awarded for JRF (UGC) with rank 70.**
July, 2012 - June, 2014: Junior Research Fellow (JRF) under University Grant Commission (UGC).
July, 2014 – June, 2017: Senior Research Fellow (SRF) under University Grant Commission (UGC).
 - **Awarded for “International Travel Support”** sponsored by Department of Science and Technology – Science and Engineering Research Board (DST-SERB), Govt. of India to participate in 13th International Symposium on Dendritic Cells at Tours, Loire Valley, France.
 - **Awarded for “International Travel Grant”** sponsored by UPE Travel Grant, University of Calcutta to participate in 15th ERS Lung Science Conference at Estoril, Portugal.
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Publications:

Original Research:

1. Dey A, Gomes A, **Chakraborty K**, Dasgupta SC. Black Tea (*Camellia sinensis*) Extract Induced Changes on Placenta can Alter Fetal and Neonatal Bone Health in Experimental Animal Model. *Advances in Clinical Toxicology* 2020; 5(4):000201.
2. **Chakraborty K**, Dey A, Bhattacharyya A, Dasgupta SC. Anti-fibrotic effect of black tea (*Camellia sinensis*) extract in experimental pulmonary fibrosis. *Tissue and Cell* 2019; 56:14-22.
3. **Chakraborty K**, Chatterjee S, Bhattacharyya A. Impact of Treg on other T cell subsets in progression of fibrosis in experimental lung fibrosis. *Tissue and Cell* 2018; 53:87-92.
4. **Chakraborty K**, Chatterjee S, Bhattacharyya A. Modulation of CD11c+ lung dendritic cells in respect to TGF- β in experimental pulmonary fibrosis. *Cell Biology International* 2017; 41(9):991-1000.
5. Moitra S, **Chakraborty K**, Bhattacharyya A, Sahu S. Impact of occupational cadmium exposure on spirometry, lung leukocyte count, and lung cell DNA damage among Indian Goldsmith. *American Journal of Industrial Medicine* 2015; 58:617-624.
6. **Chakraborty K**, Chatterjee S, Bhattacharyya A. Modulation of phenotypic and functional maturation of murine bone marrow-derived dendritic cells (BMDCs) induced by cadmium chloride. *International Immunopharmacology* 2014; 20:131-140.

Review Article:

1. Ghosh PC, **Chakraborty K**. "Phenotypical and Functional Status of Natural Killer (NK) Cells in COVID-19". *EC Pulmonology and Respiratory Medicine* 2020; 9(12):09-15.
2. Bera A, **Chakraborty K**, Bhattacharyya A. Functional status of different subsets of Dendritic cell and T cell in COVID-19: an immunological perspective. *Journal of Applied Biochemistry & Laboratory Medicine* 2020; 1(1):10-16.
3. **Chakraborty K**. COVID-19: Zoonotic Origin, Interspecies Transmission, Virus-Host Interaction and Animals Susceptibility to SARS-CoV-2. *EC Pulmonology and Respiratory Medicine* 2020; 9(9):52-60.
4. **Chakraborty K**, Chakraborty P. Role and Status of Dendritic Cells in Pulmonary Arterial Hypertension: A Literature review. *EC Pulmonology and Respiratory Medicine* 2020; 9(5):29-35.
5. Das S, **Chakraborty K**. Review Paper of Idiopathic Pulmonary Fibrosis. *International Journal of Advance Research* 2015; 3(5):1565-1570.

Book Chapters:

1. Chatterjee S, **Chakraborty K**, Dalui S, Bhattacharyya A. (2019) Oxidative Stress and Immune Regulation During Chronic Respiratory Diseases. In: Chakraborti S., Chakraborti T., Das S., Chattopadhyay D. (eds) *Oxidative Stress in Lung Diseases*. Springer, Singapore
2. Chatterjee S, **Chakraborty K**, Moitra S., Bhattacharyya A. (2017) Role of Proteases in Idiopathic Pulmonary Fibrosis. In: Chakraborti S., Dhalla N. (eds) *Pathophysiological Aspects of Proteases*. Springer, Singapore

3. **Chakraborty K**, Bhattacharyya A. (2013) Role of Proteases in Inflammatory Lung Diseases. In: Chakraborti S., Dhalla N. (eds) Proteases in Health and Disease. Advances in Biochemistry in Health and Disease, vol 7. Springer, New York, NY

Conference Proceedings:

1. **Chakraborty K**, Bhattacharyya A. Treg depletion reduces bleomycin-induced pulmonary fibrosis by inducing Th17 and other CD4+T cell subset responses in lung. *European Respiratory Journal* 2016; 48: PA2095. DOI: 10.1183/13993003.congress-2016.PA2095. IF-12.339
2. **Chakraborty K**, Moitra S, Bhattacharyya A, Sahu S. Deterioration of lung function is perturbed by sputum neutrophilia and lung cell DNA damage among occupationally cadmium-exposed Indian goldsmiths. *European Respiratory Journal* 2014; 44: P1103. IF-12.339

Research Blog:

1. **Kaustav Chakraborty**, ERS Member (India)/14 April, 2020. ACE2 receptor blockers: a novel therapeutic approach for COVID-19. *European Respiratory Society* [covid-19-blog]

Training Courses:

- “Faculty Induction Programme” organized by UGC-HRDC-SPPU (Savitribai Phule Pune University), Pune from 1st - 30th January, 2021.
- Three Day Online Training Program on “Computational tools used in Life Science research” organized by D/o Bioinformatics, North Bengal University. 9th-11th October, 2020.
- Introduction to Ophiology (Study of Snakes): a value added course offered by IQAC & D/o Zoology, Govt. General Degree College, Singur. 8th – 31st August, 2020.
- “Online Certificate Course on Research methodology” organized by International Benevolent Research Foundation, Govt. of India. 26th – 30th April, 2020.
- “Training course on Advanced Flow Cytometry” organized at Centre for Nanoscience & Nanotechnology, University of Calcutta, Kolkata, India and supported by Becton Dickinson (BD) India Pvt. Ltd. 21st – 23rd August, 2017.
- “Training course on Basics of Flow Cytometry” organized at Centre for Nanoscience & Nanotechnology, University of Calcutta, Kolkata, India and supported by Becton Dickinson (BD) India Pvt. Ltd. 14th – 16th September, 2016.

Special Courses:

- ✓ “Certificate course in Information Technology Application (CITA)” from West Bengal State Youth Computer Training Institute, Govt. of West Bengal.

Presentations at International and National Symposium/Conferences/Seminars:

International Symposium/Conference:

1. *"Bone marrow-derived dendritic cells (BMDCs) adoptive transfer ameliorates experimental pulmonary fibrosis"*. INTZOOCON 2018, International Conference to celebrate 100 years of excellence from 1919-2019 at Department of Zoology, University of Calcutta. February 1st – 3rd, 2018. **(Poster Presentation)**
2. *"Treg depletion decelerates bleomycin-induced pulmonary fibrosis"*. 15th ERS Lung Science Conference at Estoril, Portugal. March 23rd-26th, 2017. **(Poster Presentation)**
3. *"Modulation of phenotypic and functional maturation of murine bone-marrow-derived dendritic cells (BMDCs) induced by cadmium chloride"*. DC-2014, 13th International Symposium on Dendritic Cells at Tours, Loire Valley, France. September 14th-18th, 2014. **(Poster Presentation)**
4. *"ROS production leads to upregulation of EGFR and its downstream molecules in cadmium induced lung cell proliferation"*. SFRR-INDIA-2014, Conference on Recent Trends in Free Radical and Antioxidant Research & XIII Annual Meeting of the Society for Free Radical Research – India. Bhaba Atomic Research Centre (BARC), Maharashtra, India. January 27th – 30th, 2014. **(Poster Presentation)**
5. *"NF- κ B acts downstream of EGFR in regulating low dose cadmium induced primary lung cell proliferation"*. CeSIN-2012, 1st International meet on advance studies on Cell Signaling Network 2012 at IICB, Kolkata, India. September 11th-13th, 2012. **(Poster Presentation)**

National Symposium/Conferences:

1. *"Black tea (Camellia sinensis) extract ameliorates lung inflammation and fibrosis"*. Two-Day National Conference on Science and Technology: Rural development jointly organized by Indian Science Congress Association Kolkata Chapter & Surendranath College, Kolkata at Surendranath College, Kolkata. 20th-21st January, 2020. **(Poster Presentation)**
2. *"Adoptive transfer of BMDCs terminates experimental pulmonary fibrosis"*. National Seminar on Biotechnology in Human Health and Environment sponsored by Department of Higher Education, Science & Technology and Biotechnology, Govt. of West Bengal. Seth Anandram Jaipuria College, University of Calcutta, Kolkata, India. 23rd March, 2018. **(Poster Presentation)**
3. *"Treg depletion decelerates experimental pulmonary fibrosis"*. PULMOCON-2017, 15th All India update in Pulmonary Medicine. Suresh Neotia Centre, Kolkata, India. August 26th – 27th, 2017. **(Poster Presentation)**
4. *"Modulation of lung CD11c+ dendritic cells by TGF- β in Pulmonary Fibrosis in mice"*. ALLERCON-2015, 5th National Conference on respiratory Allergy & Immunology. Centre for Research in Nanoscience & Nanotechnology, University of Calcutta, Kolkata, India. January 10th, 2016. **(Poster Presentation)**
5. *"Regulation of lung dendritic cells by TGF- β in Pulmonary Fibrosis in mice"*. IMMUNOCON-2015, 42nd Annual Conference of Indian Immunological Society. Rajendra Memorial Research Institute, Patna, India. October 9th-11th, 2015. **(Poster Presentation)**
6. *"Modulation of phenotypic and functional maturation of bone-marrow-derived dendritic cells (BMDCs) induced by cadmium chloride"*. IMMUNOCON-2014, 41st Annual Conference of Indian Immunological Society. Madurai Kamaraj University, Madurai, India. December 12th-14th, 2014. **(Oral Presentation)**
7. *"Cadmium (Cd²⁺) modulates phenotypic and functional maturation of murine bone marrow-derived dendritic cells (BMDCs)"*. IMMUNOCON-2013, 40th Annual Conference of Indian Immunological Society. University

College of Medical Science & GTB Hospital Delhi, Delhi, India. November 15th – 17th, 2013. **(Poster Presentation)**

8. *"NF- κ B and EGFR signalling in regulating low dose cadmium induced primary lung cell proliferation"*. PULMOCON-2013, 11th All India update in Pulmonary Medicine. Suresh Neotia Centre, Kolkata, India. September 29th – 30th, 2013. **(Poster Presentation)**
9. *"Prolong exposure of low dose cadmium chloride can cause proliferation of lung epithelial cells via EGFR signaling pathway"*. 100th Indian Science Congress, Kolkata, India. January 3-7, 2013. **(Poster Presentation)**
10. *"Role of EGFR and its downstream signaling molecules in regulation of lung epithelial cell proliferation induced by cadmium chloride"*. IMMUNOCON-2012, 39th Annual Conference of Indian Immunological Society. Institute of Medical Science, Benaras Hindu University (BHU), Varanasi, India. November 9th - 11th, 2012. **(Poster Presentation)**

Attended Workshops/Seminars/Colloquium:

1. One-Day National Level Seminar entitled "How to Checkmate 'Cancer' – the Emperor of Maladies", organized by the D/o Zoology, Ramkrishna Mission Vidyamandira. 6th March, 2020.
2. *Seminar on "M. M. Chakravarty Memorial Lecture and D. N. Ganguly Memorial Lecture"* for the year 2017. Department of Zoology, University of Calcutta. February 8th, 2017.
3. *"International Seminar on Medicinal Chemistry and its perspectives"*. Department of Zoology, University of Calcutta. November 17th, 2015.
4. *"National Seminar on Molecular Aspects of Human Diseases"*. Department of Zoology, University of Calcutta. January 31st, 2015.
5. *"Spring Talks @CU Zoology 2013"*. Department of Zoology, University of Calcutta. March 3rd, 2013.
6. *"Scanning Electron Microscopy in Life Sciences"*. National Institute of Cholera & Enteric Diseases, Kolkata, India and Electron Microscopic Society of India. February 7th – 8th, 2013.
7. *"Emerging Trends in Cell and Molecular Biology"*. Department of Life Science & Biotechnology, Jadavpur University, Kolkata, India. December 14th, 2012.
8. *"Diagnosis of Autoimmune Liver Diseases and Vasculitis"*. Institute of Medical Sciences, Benaras Hindu University (BHU), Varanasi, India. November 11th, 2012.
9. *"FSSAI Food Analyst Workshop"*. Biotechnika Info Labs Pvt. Ltd. 28th March, 2019.
10. *"Genomics Workshop"*. Biotechnika Info Labs Pvt. Ltd. 29th March, 2019.

Attended Webinars:

1. Four Days Webinar on "Faculty Rights & Entitlements: a series of lectures" organized by IQAC, East Calcutta Girl's College. 21th & 30th November, 5th & 12th December, 2020.
2. National Webinar on "Upgradation in Teaching & Learning with Proper Documentation" organized by IQAC, J.K. College, Purulia. 14th October, 2020.

3. One Day State Level Webinar on "Health and Wellbeing of new normal life: Ergonomic Perspective" organized by D/o Physiology, JRC. 10th October, 2020.
4. One-Day International Web-Seminar on The Search for King Solomon's Ring in the New Age of Behavioural Neuroscience, organized by Department of Zoology, Michael Madhusudan Memorial College, Durgapur. 4th October, 2020.
5. State level webinar on "Leave Rules and Health Schemes for College Teachers in West Bengal" organized by Panihati Mahavidyalaya. 4th October, 2020.
6. One Day International Webinar on "Challenges and Prospects of Cancer Therapeutics" organized by D/o Zoology, D.H.W.U. 29th September, 2020.
7. Two Days National Webinar on "Intriguing Concepts & Applications in Zoology" jointly organized by Zoology & IQAC, Bidhannagar College. 27th-28th September, 2020.
8. One Day State Level Webinar on "Birds & Butterflies" jointly organized by D/o Zoology & IQAC, Vidyanagar College. 27th September, 2020.
9. National level webinar on "Natural History, Ecology and Behaviour of Asian Elephant" organized by Rajapalayam Raju's College, Tamilnadu. 25th September, 2020.
10. One Day International Webinar on "A modern outlook in Molecular Biology & Environmental Modelling – Now and Beyond" jointly organized by Zoology & IQAC, GGDC, Mohanpur. 20th September, 2020.
11. One-Day International Webinar on "Cancer: Molecular Biology & Artificial Intelligence" organized by Department of Zoology in association with IQAC, Gour Mahavidyalaya. 19th September, 2020.
12. A state level webinar on "Revised NAAC Assessment and Accreditation Process & CAS" organized by IQAC, Sreegopal Banerjee College. 15th September, 2020.
13. Online special lecture series in Life Sciences (SLS-LS), 2020 organized by the School of Sciences, N.S.O.U. 10th September, 2020.
14. One-Day National Webinar on "Pursuit of Mental Wellness in the Time of COVID-19" organized by the Internal Quality Assurance Cell, Banwarilal Bhalotia College, Asansol, India. 10th September, 2020.
15. One-day National level Webinar on "Python in Biology: a brief orientation for absolute beginners" organized by Department of Zoology, Jhargram Raj College. 7th September, 2020.
16. National webinar on "Fundamentals of Infection, Immunity & Vaccine" organized by D/o Chemistry & IQAC, Fakir Chand College. 4th September, 2020.
17. One-day national webinar on "How to live a healthy life amidst the pandemic crisis" organized by IQAC, Maulana Azad College. 2nd September, 2020.
18. One-day National Webinar on "Biotechnology for Human Welfare" organized by Department of Zoology in association with IQAC, Charuchandra College, Kolkata. 31st August, 2020.
19. State level webinar on "Impact of COVID-19 on Sustainable Development Goals" organized by D/o Zoology & IQAC, Ghatal R.S. Mahavidyalaya. 30th August, 2020.
20. One day webinar on "COVID-19 and Student well-being" organized by Department of Zoology, Jhargram Raj College. 28th August, 2020.
21. One day International Webinar on "Recent Advancements in Biological Sciences" organized by Department of Zoology, Murlidhar Girl's College. 28th August, 2020.
22. One day International Webinar on "Science, Biology and the World's Future" organized by D/o Botany & IQAC, Dinabandhu Andrews College. 25th August, 2020.

23. International Webinar on Neoteric Approaches in Applied Sciences jointly organized by UG & PG Department of Botany and Department of Physics in collaboration with IQAC, Darjeeling Government College. 24th and 25th August, 2020.
24. One day webinar on "Infertility: Causes & Cure" organized by Cytogenetics & Genomics Research Unit, D/o Zoology, CU & D/o Zoology, BKGK. 24th August, 2020.
25. Two-day online workshop on "How to organize webinars and classes on digital platform" organized by Department of Zoology, Jhargram Raj College. 23rd-24th August, 2020.
26. One-Day International Webinar on "Immunological and Psychosocial Spectrum of COVID19" organized by The Department of Physiology and IQAC, Krishnagar Government College. 23rd August 2020.
27. National level webinar on "Nurturing Innovations: from Academia to Society" organized by D/o Computer Science & Application, Zoology & IQAC, Gour Mahavidyalaya. 23rd August, 2020.
28. One day International Webinar organized by D/o Zoology, CU in association with D/o Zoology, Bijoykrishna Girl's College on 19th August, 2020.
29. State level webinar on "NAAC & IQAR Submission" organized by Kotshila Mahavidyalaya. 13th August, 2020.
30. State level webinar on "Elephant: Lord of Jungle, Conflicts, threats & Conservation" organized by D/o Zoology, Sree Chaitanya College. 12th August, 2020.
31. National Webinar on "Relevance of Massive Open Online Courses (MOOCs) in the time of Pandemic" organized by D/o Zoology, Jhargram Raj College. 12th August, 2020.
32. International webinar entitled "Breakthrough in Cell Science" organized by D/o Zoology, Midnapore College. 9th August, 2020.
33. State Level Webinar on "Promotional Scheme of College Teachers" organized by IQAC, Panihati Mahavidyalaya. 9th August, 2020.
34. International Webinar on "Environment & Health in Perspective of COVID-19 Pandemic" organized by Paribesh Sathi. 6th August, 2020.
35. National level Webinar on "Ethnomedicine: Possibilities and Difficulties in the present scenario" on 6th & 7th August, 2020 organized by the Departments of Botany and Zoology in association with IQAC, Shyampur Siddheswari Mahavidyalaya. 6th-7th August, 2020.
36. One Day State Level Webinar on "Impact of Virus and Vector on Human Health" organized by D/o Zoology & IQAC, Krishnagar Govt. College. 5th August, 2020.
37. National webinar on "Emergences of New Pandemics: New Challenges to Microbiologists" organized by Post Graduate D/o Microbiology & IQAC, Bidhannagar Govt. College. 5th August, 2020.
38. National Webinar on "Discipline Specific Elective Topics of UG Chemistry (H) CBSC Syllabus" organized jointly by D/o Chemistry & IQAC of Maulana Azad College & Asutosh College. 4th August, 2020.
39. One Day National Webinar on "Covid-19: An atypical infectious disease in terms of host-pathogen interactions" organized by the Department of Zoology, Ramakrishna Mission Vidyamandira. 2nd August, 2020.
40. National Webinar on "Diseases: Threats to Life: Causes, Diagnosis & Prevention Strategies" organized by D/o Zoology, Govt. Lahiri P.G. College. 31st July, 2020.
41. Two Days International webinar on "Down Syndrome Research – Approached and updates" organized by D/o Zoology, CU & T21RS. 30th-31st July, 2020.
42. One Day International Webinar on "Clinical Biology" organized by D/o Zoology & IQAC, Ranaghat College. 29th July, 2020.
43. Two Days International webinar on "Biodiversity & Sustainable Development in Human Welfare" organized by IQAC, Bijoykrishna Girl's College. 29th-30th July, 2020.

44. One Day National Level Webinar on “Impact of COVID-19: Perspective on Mental health and education across the Globe” organized by D/o Zoology & IQAC, Karimpur Pannadevi College. 28th July, 2020.
45. State level webinar entitled “An Expedition to Antarctica” organized by D/o Zoology, Bhairab Ganguly College. 28th July, 2020.
46. International Webinar on “Relevance of Open Innovation in Research & Development in Post Pandemic Situation” organized by D/o Library, Purbasthali College. 26th July, 2020.
47. National Webinar on “COVID-19 Pandemic: Molecular Mechanisms and Therapeutics” organized by D/o Molecular Biology & IQAC, A.P.C. College, New Barrackpore. 25th July, 2020.
48. One Day Webinar on “The wonder of the Toothless Sea-Giant - The Baleen Whale” organized by Marine Aquarium & Regional Centre, ZSI Digha, West Bengal. 24th July, 2020.
49. National Webinar on “Microplastics – Identification, Quantification and its impact on Marine Biodiversity” organized by D/o PG Zoology, Aditanar College of Arts and Science, Tiruchendur. 24th July, 2020.
50. Webinar on “Understanding the mysteries of the Zoological World for creating a better future” organized by PG Department of Zoology, Lady Brabourne College. 23rd July, 2020.
51. State Level Webinar on “responsibility and Promotion of College Teachers/Librarians under CAS” organized by IQAC, Purbasthali College. 22nd July, 2020.
52. National Webinar on “Exploring the Environmental Crisis and Pandemic Health Care in Nightingale Bicentennial” organized by IQAC, Sister Nibedita Govt. General Degree College for Girls. 22nd July, 2020.
53. Workshop on “A Viewpoint in Pharmaceutical Research – Getting the Concept Right, Learning What you need and Collaborate with Peers” organized by GNIPST. 18th July, 2020.
54. Two Days International Webinar on “Aquatic Ecosystem: Prospect and Future Challenges” organized by Marine Ecology Laboratory, Presidency University in association with Aquaphile. 18-19th July, 2020.
55. International webinar on “Rethink Infectious Diseases at the Time of COVID-19” organized by the Department of Chemistry in collaboration with Internal Quality Assurance Cell (IQAC), New Alipore College. 18th July, 2020.
56. State Level Webinar presentation on ‘ভালা আছি, ভালা খেলা & 'Abhih'-The Clarion Call of Upanishad to Overcome Anxiety & Mental Stress’ jointly organized by the NSS Subcommittee and the IQAC, Narasinha Dutt College. 15th July, 2020.
57. One Day International Web Conference on “Need of the Hour Amidst Pandemicity: Immunological & Psychological, with special attention to students” organized jointly by D/o Zoology & Botany, Victoria Institution. 15th July, 2020.
58. National Webinar on ‘Covid 19 and other Emerging Issues in Wildlife Crime’ organized by the Internal Quality Assurance Cell, Narasinha Dutt College. 12th July, 2020.
59. State level Webinar on “Administrative Affairs Thrusting upon Promotion of College Teachers/Librarians under CAS” organized jointly by Teacher’s Council & IQAC, City College. 11th July, 2020.
60. International Webinar on “Endocytosis & Endosome Trafficking: Roles in Coronavirus uptake & Cell Signalling” organized by Inside Scientific & Function, American Physiological Society, USA. 8th July, 2020.
61. International Webinar on “Understanding COVID-19 disease dynamics from ecohealth approach” organized by D/o Zoology & IQAC, Raja Peary Mohan College. 8th July, 2020.

62. National Webinar on “COVID-19: Testing & Modelling Perspective” organized by D/o Zoology, Surendra Nath College. 5th July, 2020.
63. International Webinar on “COVID-19: How America is Coping with the Pandemic” organized by D/o Journalism & Mass Comm., Physiology, Health Care, Women Cell & IQAC, Vijaygarh Jyotish Ray College. 2nd July, 2020.
64. International Webinar on “COVID-19: the Disease, Prevention & Control” organized by IQAC, Government General Degree College, Singur. 2nd July, 2020.
65. National Level Webinar on “CoViD-19 diagnosis: Prospects and Challenges” organized by D/o Microbiology & Zoology, Maulana Azad College. 27th June, 2020.
66. “International Webinar on COVID-19” jointly organized by D/o Botany & IQAC, City College. 20th-21st June, 2020.
67. International Online Faculty Enrichment Programme on “Tips & Tricks for Publishing in International Scientific Journals” organized by D/o Zoology, Chemistry, Botany & Physics, Surendranath College. 20th June, 2020.
68. One Day National Webinar entitled “Struggle for coexistence: Affect of Anthropocene non-human life forms” organized by D/o Zoology, Sonamukhi College, Bankura. 20th June, 2020.
69. Webinar series: “Ride the Tide of COVID with a Ray of hope”. Webinar 04: “Un-lockdown-Emerging into the New Socially Distanced World” organized by IQAC in association with D/o of Sociology, Surendranath College. 18th June, 2020.
70. Webinar series: “Ride the Tide of COVID with a Ray of hope”. Webinar 03: “Bio-Psycho-Spiritual Disciplining: The Key to well-being in the New-Normal” organized by IQAC in association with D/o of Psychology, Surendranath College. 17th June, 2020.
71. Webinar series: “Ride the Tide of COVID with a Ray of hope”. Webinar 01: “Covid-19: Overview of the Disease and General Safety Measures” organized by IQAC in association with D/o of Physiology, Surendranath College. 15th June, 2020.
72. State level Webinar entitled “Post-Pandemic Teaching-Learning Method: A Paradigm Shift” jointly organized by IQAC, Bhairab ganguly College & IQAC, Sree Chaitanya College, Habra. 15th June, 2020.
73. Webinar series: Webinar 1: “SARS-COV-2: Virus and health Issues” organized by IQAC, Bethune College. 12th June, 2020.
74. International webinar series entitled “Role of Biotechnology in COVID-19 Pandemic – Issues & Challenges” organized by D/o Botany, Zoology, Molecular Biology & Industrial Fish and Fisheries, Brahmananda Keshab Chandra College. 11th-13th June, 2020.
75. Webinar on “Virtual Classroom Teacher” organized by Classle SKILLNET. 8th & 10th June, 2020.
76. Webinar on “Care to Biodiversity”, organized by DESKU ENVIS RP on Environmental Biotechnology, University of Kalyani, sponsored by MoEF&CC. 5th June, 2020.
77. Webinar entitled “Living on the Edge with COVID-19”, organized by IQAC, Triveni Devi Bhalotia College, Raniganj. 4th June, 2020.
78. Webinar on “Microbiologist in Everybody” organized by Biocon Academy and Biotechnika Info Labs Pvt. Ltd. 3rd June, 2020.

Membership:

- “Quarterly Franklin Membership” (Membership Id# AF16794), London Journal Press (UK).
 - Annual member of Indian Science Congress (ISC).
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