

CURRICULUM VITAE

Dr. Puja Paul



**Current Position- Assistant Professor in Dinabandhu Mahavidyalaya, Bongaon
(Dept. of Chemistry)**

Correspondence Address

17, Jubilee Park, Ashalata Apartment, Flat-C
Kolkata -700033

Mob: 08240657963

Email: pujapaul@yahoo.co.in/pujapaul85@gmail.com

Date of Birth: 07.01.1985

Academic details:

Madhyamik (2001)

Marks obtained- 79.50%

Higher secondary (2003)

Marks obtained – 80.80%

Bachelor of Science (B.Sc, 2003-2006)

Chemistry (Hons.), Physics, Mathematics
Lady Brabourne College, University of
Calcutta

Marks obtained-73.75%

Master of Science (M.Sc, 2006-2008)

Chemistry (Org. spl.) (Rajabajar Science
College, Calcutta University, India)

Marks obtained-75.40%

Project Assistant, Level II
Research Fellowship
(Ph. D. July 2009 onwards)

1.9.2008 - 30.6.2009

Both from Indian Institute of Chemical
Biology, Jadavpur

Thesis submitted on 16.8.12 (Awarded on 24.12.13)

PhD Thesis Title

“BIOPHYSICAL STUDIES ON THE INTERACTION OF PHENATHIAZINIUM DYES WITH DEOXYRIBONUCLEIC ACIDS”

Supervisor

Dr. G. Suresh Kumar, Senior Scientist and Head, Biophysical Chemistry Laboratory, Indian Institute of Chemical Biology, Kolkata 700 032

Post doctoral research: Woman Post doctoral fellow (Jadavpur University) in collaboration with Indian Institute of Chemical Biology (September, 2015-June, 2017)

Teaching Experience

Netaji Subhash Engineering College from August,2013-June,2014 as Guest Lecturer.
Pailan College of management and Technology from Sept, 2014-Sept,2015 as full time faculty.

Awards and Honors

National Eligibility Test Fellowship of the Council of Scientific and Industrial Research Govt. of India (2008).

Qualified in Graduate Aptitude Test in Engineering (GATE) 2009 conducted by Govt. of India.(GATE SCORE – 89.7 percentile)

Recipient of **Dr. Gurdip Singh award for Best Thesis in Thermal Analysis** for the year 2013 at BARC, Mumbai.

Publications in SCI journals: Thirteen

Presentations in Symposia's: Twelve

Publications in SCI journals

1. **Paul P.**, Hossain M., Yadav R.C., Kumar G.S. (2010) Biophysical studies on the base specificity and energetics of the DNA interaction of photoactive dye thionine: Spectroscopic and calorimetric approach. *Biophys. Chem.*,148, 93-103. (0301-4622)
2. **Paul P.**, Kumar G.S. (2010) Toxic interaction of thionine to deoxyribonucleic acids: Elucidation of the sequence specificity of binding with polynucleotides. *J. Hazard. Mater.*, 184, 620-626. (0304-3894)
3. **Paul P.**, Hossain M., Kumar G.S. (2011) Calorimetric and thermal analysis studies on the binding of phenothiazinium dye thionine with DNA polynucleotides. *J. Chem. Thermodynamics*, 43(7), 1036-1043. (0021-9614)
4. **Paul P.**, Kumar G.S. (2012) Thionine interaction to DNA: Comparative spectroscopic studies on double stranded versus single stranded DNA. *J Fluoresc.*, 22(1), 71-80.
5. **Paul P.**, Kumar G.S. (2013) Spectroscopic studies on the binding interaction of phenothiazinium dyes toluidine blue O, azure A and azure B to DNA. *Spectrochim. Acta Part A: Molecular and Biomolecular Spectroscopy*, 107, 303–310.

6. **Paul P.**, Kumar G.S. (2013) Thermodynamics of the DNA binding of phenothiazinium dyes toluidine blue O, azure A and azure B. *J. Chem. Thermodynamics*, 64, 50-57.
7. **Paul P.**, Kumar G.S. (2013) Targeting ribonucleic acids by toxic small molecules : Structural perturbation and energetics of interaction of phenothiazinium dyes thionine and toluidine blue O to tRNA^{phe}. *J. Hazard. Mater.*, 263, 735-745. (0304-3894).
8. **Paul P.**, Kumar G.S. (2014) Self-structure formation in polyadenylic acid by small molecules: new insights from the binding of planar dyes thionine and toluidine blue O. *RSC advances*, 4, 25666-25674. (2046-2069)
9. **Paul P.**, Kumar G.S. (2014) Photophysical and calorimetric investigation on the structural reorganization of poly(A) by phenothiazinium dyes azure A and azure B. *Photochemical and Photobiological Sciences*, 13 (8), 1192-1202. (1474-9092)
10. **Paul P.**, Mati S.S., Bhattacharyya S.C. and Kumar G.S. (2017) Spectroscopic, calorimetric, cyclic voltammetric and molecular modeling studies of new methylene blue-polyadenylic acid interaction and comparison to thionine and toluidine blue O: Understanding self-structure formation by planar dyes. *Dyes and Pigments* 136, 205-218. (0143-7208)
11. **Paul P.**, Mati S.S., Bhattacharyya S.C. and Kumar G.S. (2017) Exploring the binding interaction of phenothiazinium dyes methylene blue, new methylene blue, azure A and azure B to tRNA^{phe}: Spectroscopic, thermodynamic, voltammetric and molecular modeling approach. *Phys. Chem. Chem. Phys.* 19, 6636-6653. (1463-9084)
12. **Paul P.**, Chatterjee S., Pramanik A., Bhattacharyya S.C., Karmakar P. and Kumar G.S. (2018) Thionine Conjugated Gold Nanoparticles Triggers Apoptotic Activity Towards HepG2 Cancer Cell Line, *ACS Biomater. Sci. Eng.* 4 (2) 635-646.
13. **Paul P.**, Mati S.S. and Kumar G.S. (2019) Insights on the interaction of phenothiazinium dyes methylene blue and new methylene blue with synthetic duplex RNA through spectroscopy and modeling, *Journal of Photochemistry and Photobiology B: Biology* 204 (2020) 111804.

Publications in Conference Proceedings

Biophysical Studies on the Interaction of Thionine Gold Nanoconjugate to Serum Albumin, **Paul, P.**, Kumar, G.S. and Bhattacharyya S.C., *Biophysical journal*, Volume 110, Issue 3, Supplement 1, p47a, 16 February 2016
DOI: <http://dx.doi.org/10.1016/j.bpj.2015.11.322>

Publications as Book Chapter

1) **Paul P.**, Mati S.S. (2020) Interaction of small molecules with DNA: An Overview on Mode of Binding, *Chemistry and Biology Sustainable Progress of human* (Chapter 13) 174-182.

ISBN: 978-93-84387-76-1

2) **Paul P.** (2021) Environmental Crisis in 21st Century: Towards Conscience and Sustainability, 1-252.

ISBN: 978-81-956065-8-0

Presentations in National Symposia's

1. **Paul, P.** and Yadav, R.C. (2009) *Comparative studies of the interaction of ethidium and berberine with AMP, ATP and poly(A)*, National Symposium on Cellular and Molecular Biophysics, January 22-24, 2009, Hyderabad, India .
2. **Paul, P.** and Kumar, G.S. (2010) *Biophysical studies on the DNA binding of thionine*, National Symposium on Recent Trends in Biophysics, February 13-15, 2010, Varanasi, India.
3. **Paul, P.** and Kumar, G.S. (2010) *Studies on the interaction of thionine to deoxyribonucleic acids: Elucidation of the sequence specificity of binding*, National Conference on New Arena in Photosciences, August 28, 2010, JU, Kolkata, India.
4. **Paul, P.** and Kumar, G.S. (2012) *Understanding the interaction of thionine to synthetic and natural DNAs: A structural and energetic approach*, Annual Meeting of the Indian Biophysical Society, 19th-21st Jan, 2012, University of Madras, Chennai.
5. **Paul, P.** and Kumar, G.S. (2012) *Comparative studies on the interaction of thionine and toluidine blue O to tRNA^{phe}: A structural and energetic approach*, National conference on Photosciences: Contemporary Challenges and Future Perspectives, 12th-14th Dec, 2013, Jadavpur University, Kolkata.
6. **Paul, P.** and Kumar, G.S. (2013) *Thermal analysis and spectral studies on the interaction of phenothiazinium dyes with DNA* at Nineteenth Symposium and workshop on Thermal Analysis, 19th-21st Dec, 2013, BARC, Mumbai.
7. **Paul, P.** (2019) Spectroscopic insights on the interactive pattern of phenothiazinium dye methylene blue to synthetic RNAs, RECENT ADVANCES in CHEMICAL & BIOLOGICAL SCIENCES, 23rd September, 2019 at St. Xavier's College.

Presentations in International Symposia's

1. **Paul, P.** and Kumar, G.S. (2011) *Sequence-specific interaction of phenothiazine dye thionine with polynucleotides: Spectroscopic and thermodynamic studies*, 7th Asian Biophysics Association (ABA) Symposium & Annual Meeting of the Indian Biophysical Society (IBS), 30th Jan-2nd Feb, 2011, New Delhi, India.
2. **Paul, P.** and Kumar, G.S. (2011) *Interaction of phenothiazine dye thionine with natural and synthetic DNAs: Binding characteristics, base sequence specificity and selectivity*, International Conference on Biomaterials and Implants: Prospects and possibilities in the new millennium (BIO2011), 21st-23rd July, 2011, CGCRI, Kolkata, India.
3. **Paul, P.** and Kumar, G.S. (2011) *Intercalation of thionine to DNA: Insights into the chemistry in terms of structural and energetic aspects*, International Symposium on Chemistry and Complexity, 6th-8th Dec, 2011, IACS, Kolkata, India.
4. **Paul, P.**, Kumar, G.S. and Bhattacharyya S.C. (2016) *Biophysical studies on the interaction of thionine gold nanoconjugate to serum albumin*, Biophysical Society 60th Annual Meeting, 27th February-2nd March, 2016, Los Angeles, California, USA.
5. **Paul, P.** (2019) *Dye-induced changes to synthetic RNAs: Spectroscopic insights on the interactive pattern of phenothiazinium dyes methylene blue and new methylene blue*, ITINERARY OF CLASSICAL TO MODERN ERA OF CHEMISTRY, 4th November, 2019 at The Bhawanipur Education Society College.

Participation in Symposium

1. ACS- Chemistry for life, An initiative from the American Chemical Society held on 12th Oct, 2012, IACS, Kolkata, India.
2. Atom, Molecule & Photon: Structure and Interaction held during 29th-31st Jan, 2018 at Rishi Bankim Chandra College, Naihati.
3. Evolutions 2018: Evolving Solutions in Protein Interaction Analysis held on 5th March, 2018 at The Oberoi Grand.

Participation in Webinars

1. National Webinar Lecture Series on 'Recent challenges associated with COVID-19 and its possible solutions: A chemist's overview' organized by S. M. College Bhagalpur on 27-28th May, 2020.
2. National webinar on 'Living on the Edge with COVID-19', organized by Triveni Devi Bhalotia College, Raniganj, West Bengal, India on 4th June, 2020.
3. Webinar on Pharmaceutical Chemistry organized by Basanti Devi College, Kolkata, West Bengal, India on 6th June, 2020.
4. National webinar on Restoration of Mental Health and Hygiene in the COVID-19 affected World organized by Krishnath College on 6th June, 2020
5. E-short term course on EARTH:OUR HOME organized by Jogomaya Devi College, Kolkata, West Bengal, India during 5-11th June, 2020. (95%)
6. Three day Workshop on E learning organized by PNDas College, Kolkata, West Bengal, India during 6th, 8th and 9th June, 2020.
7. Covid-19: Overview of the Disease and General Safety Measures by Surendranath College on 15th June, 2020.
8. Recent trends in Chemical Sciences: Basics, Application and Prospects: Concept of Chirality and Asymmetric Synthesis by Narasinha Dutt College on 18th June, 2020.
9. Covid-19: Un-lockdown - Emerging into the New Socially Distanced World by Surendranath College on 18th June, 2020.
10. National Webinar on 'Recent Development of Chemistry' organized by Dept. of Chemistry, Kharagpur College on 20th June, 2020.
11. International Online Faculty Enrichment Programme on "Tips & Tricks for Publishing in International Scientific Journals" by Surendranath College on 20th June, 2020.
12. Online Quiz Competition on Environmental Issues organized by Vivekananda College for Women on 22nd June, 2020. (76%)

13. International Faculty Development Program on- "Gateway to Innovation" from 22nd-26th June, 2020 organized by I.C.S College of Arts, Commerce & Science, Ratnagiri, Maharashtra.
14. National Webinar on Current Trends in Chemical Research and Their Correlation with UG Courses organized by Basirhat college on 23rd June, 2020.
15. International Webinar on 'Better Understanding of Pandemic COVID-19' organized by Kharagpur College on 23rd June, 2020. (db_mid@yahoo.co.in by Dipak Bhargava lecture on Vaccination Approach)
16. International Webinar and Panel Discussion on 'Prevention and Control of Vector Borne Diseases amidst COVID-19' by SNC on 24th June, 2020.
17. One day National Webinar on "COVID 19 Pandemic: Challenges and reorientation of teaching learning and evaluation procedure in higher education" organized by Vivekananda College for Women on 25th June, 2020.
18. Online Quiz Competition on Fundamentals of Chemistry & Their Applications in Engineering organized by Nalla Narsimha Reddy, Telengana on 25th June, 2020. (70%)
19. Webinar on 'Recent advances in Chemical Science' organized by J B Institute of Engineering and Technology, Hyderabad on 25th and 26th June, 2020.
20. Online Quiz Competition on Science In Everyday Life on 26th June, 2020.[Certificate I'd: AAKZTU-CE000195] (90%)
21. 'COVID-19 Pandemic - Challenges and Conquest for Student' - Jointly organized by Department of Chemistry & Department of Zoology, City College on 26th June, 2020.
22. International Webinar on 'COVID19: Emerging Challenges and Capacity Building' organized by Bangabashi Morning Colleges on 26th and 27th June, 2020
23. International webinar on Life after COVID-19: Approaching for the "New Normal", organized by Chakdaha College, W.B on 27th June, 2020.
24. Online Quiz on General Awareness of Covid-19 Pandemic organized by Mankar College, Purba Bardhaman on 27th June, 2020. (90%)
25. International Web-Conference on "Creation and Well-being in the New Changing World" organised by Dewan Institute of Management Studies on 28th and 29th June, 2020.
26. Webinar on Application of Radioisotopes and Radiation in Human Healthcare organized by Heritage College on 29th June, 2020.
27. Scope of Virtual Labs in UG Physics and Chemistry Teaching organized by Sarojini Naidu College on 29th and 30th June, 2020.

28. Webinar series on 'Genesis, Revelation in a post-Apocalyptic World' organized by Ashutosh College on 29th June, 5th July and 12th July,2020.
29. International Webinar on 'Recent Advances of Sensors: Bio-sensing for COVID-19 Kits and Spectroscopic Tools for Detection of Toxic Metals' organized by Asansol Girls' College on 30th June, 2020.
30. Sukoon : A Quest for inner peace organized by Sarojini Naidu College on 1st July,2020.
31. One day Webinar on 'Potentials of Indian Medicine and Herbs against Covid 19 and ways to combat the mental trauma arising in this pandemic scenario' organized by Malda College on 1st July,2020.
32. National level E Quiz on Covid-19 Pandemic organized by Govindammal Aditanar College for Women, Tiruchendur from 02.07.2020 to 04.07.2020.
33. Interanational Webinar on Data Science: Big Data Analytics organized by Asansol Girls' College on 2nd July, 2020.
34. Clinical and Molecular Aspect of SARS CoV2: It's implication on the current pandemic organized by Scottish Church College on 2nd and 4th July,2020.
35. State level Webinar on 'Impact of COVID 19 on the Economy' organized by Hiralal Mazumder Memorial College for Women on 3rd July, 2020.
36. International Webinar on "Disinformation and Online Radicalization" organized by Dum Dum Motijheel Rabindra Mahavidyalaya on 3rd July, 2020.
37. Webinar on 'Perovskite Nanocrystals: Photoluminescence and Charge Carrier Dynamics' organized by School of Basic and Applied Sciences, Adamas University on 4th July,2020.
38. International Webinar on Living with the Pandemic: Managing Mind, Body & Lifestyle organized by Ramsaday College, Amta, Howrah on 4th July,2020. (No feedback, live streaming in Youtube)
39. National Webinar on Chemistry of Health and Wellness organized by Dr. Meghnad Saha College, West Bengal on 6th July,2020.
40. International Webinar on 'Challenges in research during the pandemic & a mechanistic insight into the evolutionary trail & the structural facets of spike receptor binding domain of SARS CoV2' organized by Hiralal Mazumder Memorial College for Women on 6th July, 2020.
41. International Webinar on RDOAC-2020 organized by KIIT Deemed to be University, Bhubaneswar, Odisha on 6th and 7th July

42. State level Webinar on ‘The Politics of Political Society in Current times of pandemic: An Introspection’ organized by Dinabandhu Mahavidyalaya and Basirhat College on 8th July, 2020.
43. National Webinar on Recent Advances in Chemical Sciences organized by Lady Brabourne College on 8th July,2020.
44. State level Webinar on ‘Sustainable Development in Post Covid Era’ organized by Dinabandhu Mahavidyalaya on 9th July, 2020.
45. National Webinar on ‘Representations in Quantum Mechanics’ organized by Narsinha Dutt College on 9th July,2020.
46. National Level Webinar on ‘Bio- Molecular identification by Infra-red spectroscopy’ organized by Siddhinath Mahavidyalaya on 10th July, 2020. (Feedback link not given)
47. International E-conference on ‘New aspects of teaching learning in perspective of higher education during covid-19’ organized by Nachiketa College of Computer Science, M.P on 10th July, 2020.
48. State level Webinar on ‘Administrative Affairs thrusting upon Promotion of College Teachers / Librarians under CAS’ organized by City College on 11th July,2020.
49. Faculty Development Programme titled “Recent Advances in Material Sciences” organized by Amity Institute of Applied Sciences, Amity University Kolkata from 8th to 12th July, 2020.
50. International Webinar on "An insight into the recent global pandemic: Chemical and Biological Approach" organized by Jaipuria College on 11th and 12th July, 2020.
51. Faculty Development Programme titled ‘**Earth & Environment Responses during COVID-19**’ organized by Pune University from 11th to 17th July, 2020.
52. International Webinar on ‘Recent Advances in Chemistry’ organized by Vivekananda Mahavidyalaya, Burdwan on 15th July, 2020.
53. Two-days National level Webinar entitled "Plant Research in Welfare of Human Being" organized by Dinabandhu Mahavidyalaya and South Calcutta Girls' College on 17th & 18th July, 2020.
54. National Webinar on Recent Advances in Chemical Sciences-II organized by Lady Brabourne College on 18th July,2020.
55. National level Webinar entitled ‘Indo-China Relation After Independence’ organized by Dinabandhu Mahavidyalaya on 21st July, 2020.

56. National level Webinar entitled 'Hydrogen Bonding – A Simple Solution to Challenging Problems' organized by Narasinha Dutt College on 22nd July,2020.
57. National Webinar on 'The Dynamics of Narrative and Subject in Popular Cinema' organized by General Degree College at Keshiary on 23rd July,2020.
58. International Webinar on 'Changing patterns of Relationship: COVID 19 and its aftermath' organized by Serampore Girls' College on 24th July.
59. Coordinator of 'Exploring Recent Advancement in Organic and Environmental Chemistry: Scope and Prospect' organized by Dinabandhu Mahavidyalaya on 25th July.
60. National Webinar on 'EFFECT OF DONOR ATOM IN CHEMISTRY' organized by Bijoy Krishna Mahavidyalaya on 26th July.
61. National Webinar on 'Data Journalism & Data Analytics Using Python' organized by Loreto College on 28th July.
62. State Level Webinar on 'Mental and Behavioural problems in current scenario' organized by New Alipore College on 28th July.
63. International Webinar on 'CHEMSPIRATION 2020 - Challenges and Conquest Strategies in the 'New Normal' Global Scenario'' organized by Banwarilal Bhalotia College on 30th July, 2020.
64. Webinar on 'Home management of COVID-19 patients' organized by Charuchandra College on 30th July.
65. International Webinar on 'USE OF MATHEMATICAL MODELING IN COVID-19 AND CANCER CONTROL' organized by Dinabandhu Mahavidyalaya on 31st July, 2020.
66. An Online Talk on 'Scientists under Scanner: When they are Stepping Against the Ethics of Science' organised by of The Bhawanipur Education Society College, Kolkata on 1st August.
67. Webinar on 'Emergent trends in Chemistry' organized by Bijoy Krishna Mahavidyalaya on 1st August.
68. National Webinar on "Strategies for transition from Academia to Industry" organized by Seth Anandram Jaipuria College on 1st August.
69. International Webinar on 'Picturing the future of Healthcare through molecular Imaging' organized by Hiralal Majumdar on 2nd August.

70. Two-Day National Level Webinar on ‘Role of Guidance and Career Counselling in the Perspective of Present Pandemic Situation of covid-19’ organized by Mankar College on 5th and 6th August.
71. Workshop on UG Chemistry Syllabus under CBCS curriculum on 5th and 6th August.
72. National Level Webinar on Mode of Teaching and Learning in Higher Education in India during COVID 19 Pandemic Situation organized by DINABANDHU MAHAVIDYALAYA, BONGAON on 8th August.
73. Webinar on ‘Mental Health Consequences of covid-19 and ways of coping with them’ organized by Bagnan College on 8th August.
74. ACS On Campus "Off-Campus" Webinar 10th August.
75. International Webinar on ‘Designs and applications of artificial molecular machines’ and ‘Origin and Evolution of RNAs and proteins: A Case study’ organized by Raja Peary Mohan College on 12th August.
76. State level Webinar on ‘Optical Methods of Analysis’ organized by Rishi Bankim Chandra College, Naihati on 15th August.
77. Two day International Webinar on ‘CHEMISTRY: How it has manifested in Recent Times’ organized by West Bengal State University on 17th & 18th August 2020.
78. ‘Smart Nanomaterials for applications in Applied Sciences’. organized by Maulana Abul Kalam Azad University of Technology on 19th August.
79. International Webinar on Climate and Atmospheric Circulation Regimes: Putting the Earth into a Planetary Perspective organized by Seth Anandram Jaipuria College on 20th August.
80. State level webinar on ‘Journey to the Solar System and Beyond’ organized by Bidhannagar College on 21st August.
81. International Webinar on ‘Covid-19 Pandemic: a Search for Relief’ organized by Charuchandra College on 22nd August.
82. National Webinar on ‘Professor D. P. Mukherjee and the Essence of Bio-cultural Perspective in Anthropological Research in India’ organized by Dinabandhu Mahavidyalaya on 22nd August.
83. International webinar on ‘Chemistry for Sustainable Development’ organized by Sree Chaitanya College on 22nd August.
84. International Webinar on ‘Chemistry and Recent Developments in Medicinal Field’ organized by Surendranath College on 23rd August.

85. National level Webinar on 'Towards User's Centric College Library for Inclusive Education and NAAC: Role of Stakeholders' organized by Dinabandhu Mahavidyalaya on 24th August.
86. International Webinar on 'Chemistry: A Motivation in Research' organized by Government General Degree College, Keshiary on 26th and 27th August.
87. National level Webinar on "Free and Open Source Education Resources in Teaching and Learning in Academic Institutions : Scope and Challenges" organized by Dinabandhu Mahavidyalaya on 31st August.
88. International Webinar on 'Recent trends in Chemistry in the fields of Medicine and Industry' organized by Presidency University on 5th September.
89. National level Webinar on 'FUNDAMENTALS OF INFECTION, IMMUNITY & VACCINE' organized by Fakir Chand College on 4th September.
90. State Level Webinar on 'ANTICANCER DRUG DESIGN & DRUG DEVELOPMENT AND CANCER BIOLOGY' organized by Krishnagar Govt. College, Krishnagar, Nadia on 18th September.
91. National Webinar on 'Chemistry in the perspective of today and tomorrow' organized by Acharya Prafulla Chandra College on 18th September.
92. State Level Webinar on 'Energy and Sustainability' on organized by Netaji Nagar Day college on 19th Sept. 2020
93. International Level Webinar entitled "Development and Progress of Chemistry in Bio-Physical Domain", organised by Sreegopal Banerjee College on 19th September, 2020.
94. International Webinar on "New-Horizon Chemical Challenges, Strategies and Recent Advancements in Global Perspective" organized by Government General Degree College, Singur on 20th September , 2020.
95. State level webinar entitled "Periodic Table of Chemical Elements: Some Facts and Facets" organised by Rishi Bankim Chandra College, Naihati on 21st September , 2020.
96. National Webinar on "Quality Enhancement in Higher Educational Institutes" organized by Vivekananda College, Madhyamgram on 25th September, 2020.
97. One Day Webinar entitled "MODERN RESEARCH ON THE INTERFACE OF CHEMISTRY AND BIOLOGY" organized by Mrinalini Dutta Mahavidyapith on 26th September , 2020.
98. International Webinar "Confronting the Impact of Covid-19 Pandemic" organized by TDB College Raniganj on 26-27th September, 2020.

99. State Level Webinar on: 'Organic reactions in water' organized by Rishi Bankim Chandra College on 4th October, 2020.

Members of Society

INDIAN BIOPHYSICAL SOCIETY (Regn. No. S/6701, Act XXVI of 1961, Established: July 6, 1961)

DNA SOCIETY OF INDIA (Regn. No. S/1L/60949, Act XXVI of 1961, Established: 2009)

INTERNATIONAL BIOPHYSICAL SOCIETY (Member ID 84350 for year 2016-17)