

**Dr. Debojyoti Dutta**  
**Principal**  
**Bakshirhat Mahavidyalaya**



<b>Academic Qualifications</b>	M.Sc., B.Ed. M.Phil (Zoology), P hD (Science), MA(EDU)
<b>Mobile No.</b>	9474519168
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<b>Different Profile ID</b>	Profile URL : <a href="https://vidwan.inflibnet.ac.in//profile/429137">https://vidwan.inflibnet.ac.in//profile/429137</a> Orcid Id: 0000-0001-6114-601X Researcher ID-AAI-6281-2021 Google Scholar ID-F4AAFGUAAAAJ
<b>Area of Interest</b>	
<b>i) Teaching</b>	<ul style="list-style-type: none"> <li>• Cell Biology</li> <li>• Molecular Biology</li> <li>• Cladistics</li> <li>• Biophysics &amp; Medical Instrumentation</li> <li>• Higher Education: Its context and linkages</li> </ul>
<b>ii) Research</b>	<ul style="list-style-type: none"> <li>• Phylogenetic Analysis &amp; Chrnobiology</li> <li>• Planning and Management of Higher Education</li> </ul>
<b>Publication</b>	<ul style="list-style-type: none"> <li>• <b>Dutta.D</b>, Saha.S &amp; Roychoudhuri.D ( 2003 ) “Addition of Cicada ( Cicadidae; Homoptera) fauna of Buxa tiger reserve, Jalpaiguri, West Bengal,” Insect Environment 9 ( 1);17.</li> <li>• <b>Dutta.D</b> ( 2003 ) “An article for the teacher and the taught- Biodiversity” Biology Today.51-54</li> <li>• Betrabet.S.S., <b>Dutta. D</b> &amp; Gill-Sharma. M ( 2004 ) “Use of Viral promoters in mammalian cell based bioassays; How reliable?” Jr.of Translational Medicine ( 2) ; 1, 1-6.</li> <li>• <b>Dutta. D</b> ( 2008 ) “Stem cells: Scientific Progress and clinical potentials” Academic Jr. of Hooghly Mohsin College.( ISSN 0973-6212) Vol.03(01), PP 05-09.</li> <li>• <b>Dutta.D</b> (2008) “ Biodiversity of Buxa Tiger Reserve, Jalpaiguri, West Bengal-a study with reference to cicada( Cicadidae: Homoptera)” BN Seal J.Sci.,Vol.I PP. 60-66.</li> <li>• <b>Dutta.D</b> (2009) “ Preservation of fertility in nature and assisted reproductive technology with reference to animal breeding” Wesleyan Jr. of Research. ( ISSN 0975-1386) Vol 2(2). 16-19.</li> <li>• <b>Dutta.D</b> (2009) “ Studies on the effect of ethylene glycol and</li> </ul>

glycerol in Murine Ovarine tissue with reference to Assisted Reproductive Technology” BN Seal Jr. of Sci. Vol II PP.

- **Dutta.D** (2009) “Water, Ice and their importance to living cell with respect to temperature gradient” Agro bios News letter ( ISSN 0972-7027) Vol. VII, Issue No. 8, pp 39-40.
- Ghosh. B, Sarkar. S and **Dutta. D** (2010) “Global climate change and Amphibian declines: is there a link? A case study with respect to Toad of Buxa Tiger Reserve ( East Division) , Jalpaiguri, West Bengal.” BN Seal J. Sci.,(ISSN-0975-5624) Sep. Vol. III pp. 54-62.
- **Dutta. D** (2010) “Role of Antifreeze Protein in Cryopreservation of Gonadial tissue” Agro bios News letter ( ISSN 0972-7027) Vol. IX, No.4,pp.11-12.
- **Dutta. D.,** Das. S.K.,( 2011)” Isolation of high molecular weight immunoglobulin fraction from total serum of Tibetan Wolf( *Canis lupus chanco*) “ Wesleyan Journal of Science Vol 4(1) pp 80-84.
- Dutta.D., Das. S.K (2011) “Isolation of Mitochondrial DNA from Hepatic Tissue of *Bufo(=Duttaphrynus) stomaticus* Lutken,1862 of Buxa Tiger Reserve, West Bengal” BN Seal J. Sci.,(ISSN-0975-5624) Sep. Vol IV pp. 56-64.
- Das,S.K., Sengupta. D., Ghosh. D, **Dutta. D** (2012) “An Innovative method of cellulose Acetate membrane based isolation of mitochondria and mtDNA extraction from the liver of *Duttaphrynus melanostictus* ( Scheider, 1799)” Indian Journal of Biotechnology, Vol II April pp 171-175.
- **Dutta.D.,** Das. S.K (2012) “Toad (Salientia: Amphibia) diversity in the Buxa Tiger Reserve, West Bengal, India” NeBIO (ISSN 0976-3597) Vol III No. 2, June pp 16-20.
- **Dutta.D.,** Das. S.K (2012) “Phylogenetic relationship of *Duttaphrynus melanostictus* from India and China as revealed from 12S and 16S mtDNA Genes” International Journal of zoological Research( ISSN 1811-9778) pp 1-9.
- **Dutta.D.,** Das. S.K (2013) “Comparative study of *Bufo melanostictus* of West Bengal with othewr Asian members of *Bufo* sp across the world” Indian Journal of Social and Natural Sciences ( ISSN 2277-6117) vol 2(1) : 29-36.
- **Dutta.D.,** Das. S.K (2013) “Phylogenetic Relationship of *Duttaphrynus melanostictus* From India and China as Revealed From The Study of 12S and 16S mtDNA Genes” International Journal of Zoological Research (ISSN 1811-9778) 9(2): 49-57. ( DOI: 10.3923/ijzr.2013.49)
- **Dutta.D.,** Das. S.K (2013) “ Innovative technique of mtDNA isolation and studies of DNA sequences of 12S and 16S mtDNA ribosomal genes with respect to common toad of West Bengal” (Abstract) in

Proceeding of the 100th session of the Indian Science Congress in Animal, Veterinary and Fishery Sciences section. Pp- 534.

- Dutta.D, Roy. D (2014) "Polycystic Ovarian Syndrome-Genetic insights to Pathophysiology-a multifactorial analysis" B.N. Seal Journal of Science (ISSN 0975-5624) Vol VI Issue I September pp 108-117.
- Bose. A, Dutta. D and Roy. D ( 2015) " Premises, Promises of Apoptotic Research and it's therapeutic application" B.N. Seal Journal of Science (ISSN 0975-5624) Vol VII Issue II September pp 61-70.
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- **Dutta. D** and Saha. R ( 2016) "Contribution of *Caenorhabditis elegans* in cell cycle research: research needs, research leads" **North University Journal of Animal Science** ( ISSN 0975-1424) Vol 10:39-48.
- Das, S.K., Mitra, U, **Dutta.D.**, Bhattacharjee, K (2017) "Studies on innate immune response of *Duttaphrynus himalayanus* (Gunther) to combat microbial infection" **International Journal of Research in Biosciences (eISSN 2319-2844)** Vol. 6, Issue 4. Pp 85-91.
- **Dutta. D** and Deb. A (2018) "Sequence alignment and its implication in structure-function annotation-An investigation with respect to hemoglobin protein structure of vertebrate series using concept of parsimony" **B. N. Seal Journal of Science (ISSN 0975-5624) (UGC Journal Enlistment No-48714)** Vol-9, issue-2 September pp 31-41.
- **Dutta, D** (2019)" Crosstalk between Epigenetics and Human Disease- A multifaceted review" **International Journal of Scientific Research and Reviews** (ISSN 2279-0543) Vol 8. Issue 3, July-Sept. Pg 641-652. (SJIF 2018-19-6.946, ISI 2018-19-1.536) (UGC enlist no, old -63784, prior to 14/06/2019)
- **Dutta, D** (2019) "An Investigation of Soil micro faunal diversity in chemical effluents contaminated soil versus normal soil at A. B. N. Seal College Campus, Cooch Behar, West Bengal" **International Journal of Scientific Research on Biological Sciences** (ISSN 2347-7520) Vol. 5, Issue 5, Pg 56-60. (IF by IARC 1.013)(UGC enlist no, old- 64650, prior to 14/06/2019 )
- **Dutta, D** (2019) "Histopathological Studies on the early effects of Ketamine-Xylazine (KX) in Rat Model" **International Journal of Scientific & Technology Research** (ISSN 2277-8616) Vol 8, Issue 11, Pg. 3777-3782. ( SJIF 7.466). (UGCCARE list Enlist no, 208, Scopus coverage Nov 2018 to May 2020)
- **Dutta, D** (2020) "Molecular Diversity and interrelationship amongst the various phyla based on 16S and 12S rRNA analysis" **International Journal of Scientific & Technology Research** (ISSN 2277-8616) Vol 9, Issue 2, Pg3675-3682. (SJIF 7.466, IF 3.023). (UGCCARE list Enlist no, 208, Scopus coverage Nov 2018 to May 2020).
- **Dutta, D** (2020) "Pilot Studies on Interrelationship Between Productivity and Abiotic Factors in some Representative of

	<p>Dooars Region tea Gardens, West Bengal” <b>Annals of Biology</b> (ISSN 09700153) Vol 36 No-3:457-462. (IF 0.07, H Index 5) (UGCCARE list Group A Enlist no,10, Scopus).</p>
<p><b>Sequence contributed to GenBank of NCBI, Bethesda, Maryland, USA</b></p>	<ul style="list-style-type: none"> <li>• <b>Dutta D., Das. S.K</b> (2014) <i>Duttaphrynus melanostictus</i> voucher D_mel-(WB/N-24P)-17/2011 tRNA-Thr gene, partial sequence;tRNA-Pro and tRNA-Phe genes, complete sequence; and 12S ribosomal RNA gene, partial sequence; mitochondrial. <b>GenBank Accession No: KJ001636, Version: KJ001636.1 GI: 602183311.</b> ( available online: <a href="http://www.ncbi.nlm.nih.gov/nucore/KJ001636">http://www.ncbi.nlm.nih.gov/nucore/KJ001636</a>)</li> <li>• <b>Dutta D., Das. S.K</b> (2014) <i>Duttaphrynus melanostictus</i> voucher D_mel-(WB/N-24P)-10B/2011 tRNA-Leu gene, partial sequence; tRNA-Thr, tRNA-Pro,tRNA-Phe, 12S ribosomal RNA, tRNA-Val,16S ribosomal RNA, and tRNA-Leu genes, complete sequence; NADH dehydrogenase subunit 1 (ND1) gene, partial sequence..... <b>GenBank Accession No: KJ697684, Version: KJ697684.1 GI: 664818681)</b> (available online: <a href="http://www.ncbi.nlm.nih.gov/nucore/KJ697684">http://www.ncbi.nlm.nih.gov/nucore/KJ697684</a> )</li> </ul>
<p><b>Paper Presented in Seminar / Conference</b></p>	<ul style="list-style-type: none"> <li>• Participated in Webinar on Innovation, Patent Drafting and Filing Process on 21<sup>st</sup> January 2025 Organised by IIISC, Mumbai.</li> <li>• Participated and presented paper in International Webinar on Integrated Genomics &amp; Proteomics-Approach for Cancer Research on 4<sup>th</sup> December 2021 organized by Department of Zoology, GU in collaboration with ACTREC, BARC, Mizoram University</li> <li>• Participated and presented paper in Science Leadership Workshop from 22/06/2020 to 28/06/2020 organized by the collaborative efforts of IAS, Bangalore, INSA, New Delhi, National Academy of Science, Allahabad, INYAS and Central University of Punjab.</li> <li>• Participated and presented paper entitled “A Preliminary Survey on .....Buxa Tiger Reserve, West Bengal” in 7<sup>th</sup> Asian Primate symposium-2020 &amp; 1<sup>st</sup> International Conference on Human Primate Interface organized by Aaranyak, Department of Zoology, GU and Primate Research Centre, NE, Assam.</li> <li>• Participated and presented paper entitled “<b>Science and Technological Development in Historical Timeline- with special emphasis in Biological Sciences</b>” in <b>International Interdisciplinary seminar</b> on 12<sup>th</sup> March 2019 on The History of Science and Technology-A Journey from Metal Age to E-Age organized by Alipurduar College and College of Science and Technology, Royal University of Bhutan.</li> <li>• Participated and presented paper entitled “<b>Cellulose Acetate membrane based isolation of mtDNA from the liver of <i>Duttaphrynus melanostictus</i> (Schneider, 1799) and it’s phylogenetic relationship with other south East Asian Toad</b>” in 3<sup>rd</sup> <b>Regional State Science Congress</b> at Northern region at Jalpaiguri Government engineering College from <b>December 12-13, 2018</b> organized by Jalpaiguri Government Engineering College jointly with Department of Science and Technology and Biotechnology, Government of West Bengal.</li> </ul>

- Participated and presented paper entitled “**Histopathological Studies on the early effects of Ketamine-Xylazine (KX) in Murine model**” in **2<sup>nd</sup> Regional State Science Congress** at Jalpaiguri Division Siliguri College, Siliguri from **December 7-8, 2017** organized by West Bengal State Science and Technology Department, Government of West Bengal. **Got Outstanding Paper Award.**
- Participated and presented paper entitled “**Measuring and monitoring Amphibian diversity with respect to Toad-Estimating species richness from standardized transect censing at Buxa Tiger Reserve, West Bengal**” in **1<sup>st</sup> Regional State Science Congress** at Jalpaiguri Division at A C College, Jalpaiguri from **November 7-8, 2016** organized by West Bengal State science and Technology Department, Government of West Bengal.
- Participated and presented paper entitled “**Phylogenetics and sequence analysis of Toads-some problems for the unwary**” in International conference on Environment and Ecology (ICEE-2015) at Science City Kolkata from **2<sup>nd</sup> March to 4<sup>th</sup> March 2015** organized by Foundation for Science & Environment, Kolkata in association with Scientific and Environmental Research Institute, Kolkata, Indian Institute of Ecology and Environment, New Delhi and Indira Gandhi Technological & Medical Sciences University, Arunachal Pradesh.
- Participated and presented paper entitled “**Studies on genetic Diversity of Common Toad ( *Duttaphrynus melanostictus*) in Dooars region of West Bengal**” in International Conference on Glocal crisis and environmental Governance in North Eastern Region of India ( ICGCEG-2013) at Assam University from **11<sup>th</sup> November to 13<sup>th</sup> November 2013** sponsored by Assam University; DoNER; NEC.
- Participated and presented paper entitled “**Innovative method of mtDNA isolation and study of 12S and 16S mtDNA ribosomal genes of the Indian common Toad *Bufo melanostictus* of West Bengal**” in **100<sup>th</sup> Session of Indian Science Congress** organized by Indian Science Congress Association from **3<sup>rd</sup> January- 7<sup>th</sup> January 2013** at University of Calcutta.
- Participated and presented poster entitled “**Phylogenetic status of North Eastern Indian Common Toad *Bufo melanostictus* Schneider, 1799 inferred from DNA sequences of mitochondrial 12S and 16S Ribosomal RNA genes**” in **Global Meet of Biologist held at IICT auditorium, Hyderabad** from **26<sup>th</sup> – 28<sup>th</sup> December 2012** organized by Department of Zoology, **Osmania University, ZSI, Bodhgaya, Bihar** and Division of Biology, **Indian Institute of Chemical technology, Hyderabad.**
- “Cross talk between cancer survivors and infertility: a new problem and novel answer ” in **UGC sponsored National Seminar on Biotechnology for People: Applications and Awareness**” held on **December 4-5, 2012** at Department of Botany, P.D. Women’s College, Jalpaiguri in collaboration with Jalpaiguri Science and Nature Club.
- “**Emerging Infectious disease and Biodiversity loss-an analysis with respect to Amphibian community**” in **UGC sponsored National Seminar on “Biodiversity & Sustainability vis-a vis Economic development in the Northern parts of West Bengal**” held on **26-27<sup>th</sup>**

August 2012 at Raiganj Surendra nath Mahavidyalaya, Raiganj, Uttar Dinajpur in collaboration with Department of Zoology, Alipurduar College, Jalpaiguri.

- **“Comparative study of *Bufo melanostictus* of West Bengal with other Asian members of *Bufo sp* across the World”** in UGC sponsored **National Seminar** on Anthropogenic Toxicants, Green chemistry, Biodiversity and Sustainable Development: An interdisciplinary Approach” held on March 13-14, 2012 at P.D. Women’s College, Jalpaiguri in collaboration with Jalpaiguri Science and Nature Club.
- **“Phylogenetic status of North Eastern Indian common Toad *Bufo melanostictus* Schneider, 1799 based on the DNA sequences of 12s and 16s mtDNA Ribosomal genes”** March 1 and 2, 2012 in UGC sponsored **National Seminar** on “A journey through recent Developments in Chemistry” organized by Department of Chemistry, A.B.N. Seal College in Collaboration with Department of Chemistry, University of North Bengal.
- **“Toad (Salientia: Amphibia) diversity in the Buxa Tiger Reserve, West Bengal, India”** in National Conference on Environment and Biodiversity of India ( EBI 2011) on 30-31 December 2011 at Jamia Milia Ismalia , New Delhi organized by **North East Center for Environmental Education and Research**, Imphal.
- **“ Fertility issue of Cancer Survivors”** in **Short Term course in “Cancer Biology 2011: Basic Theoretical aspects” 26-27 August 2011** organized by IITG Biotech Hub (Funded by DBT, Govt. of India).
- **“Ethnological observations of food products of certain tribes of Sikkim-an Overview”** December 20-21, 2010 in UGC sponsored **National seminar** in “Ethnicity, regionalism, Polity & Economy of Eastern India since Independence” organized by Department of History & Economics in collaboration with Department of History, North Bengal University.
- **“ A Comparative examination of Mitochondrial DNA sequence diversity of toads in Buxa Tiger Reserve, West Bengal”** in UGC sponsored seminar in **“Trends in Biodiversity and Bio resource Management”** November 15-16,2010 at A.B.N. Seal College, Jointly organized by Post Graduate Department of Zoology, A.B. N. Seal College, CoochBehar and Department of Forestry, Uttarbanga Krishi Viswavidyalaya.
- **“Global Climate Change and Amphibian Declines: is there link? A case study with respect to Toad of Buxa Tiger Reserve, Jalpaiguri, West Bengal”** in UGC sponsored **National Seminar on “Emerging Physical and Social Environmental Issues”** February 13-14,2010 at Alipurduar College, Jointly organized by Department of Geography Alipurduar College and Department of Geography, Gour Mahavidyalaya ( University of Gour Banga )
- **“Preservation of fertility in nature and assisted reproductive technology with reference to animal breeding”** on UGC sponsored

	<p>National Seminar on “Ethno zoology and human welfare” held at Bankura Christian College, on 26-27 September 2008.</p>
<p><b>Seminar/Conferences / Symposium / Workshop Attended</b></p>	<ul style="list-style-type: none"> <li>• Participated in 33<sup>rd</sup> <b>National Training Programme in Electron Microscopy and sophisticated Imaging Technology for Scientific Investigators</b> at Sophisticated Analytical Instrumentation Facility, Department of Anatomy, <b>All India Institute of Medical Sciences, New Delhi-110029</b> from <b>20<sup>th</sup> November to 2<sup>nd</sup> December 2017 (12 Days)</b> Sponsored by <b>Department of Science and Technology, Government of India.</b></li> <li>• Participated <b>Workshop on LaTeX</b> at Cooch Behar College from <b>29 August to 31 August 2016 ( 3 Days)</b> organized by <b>Department of Computer Science, Cooch Behar College</b> in Collaboration with <b>Spoken Tutorial, IIT-Bombay.</b></li> <li>• Participated Department of Higher Education, Government of West Bengal Sponsored <b>National workshop on Contemporary Laboratory and Field Courses in Zoological Sciences</b> at Department of Zoology, Acharya P C Roy Government College, Himachal Vihar, Matigara, Siliguri, Darjeeling from <b>22 November -1<sup>st</sup> December, 2015.</b></li> <li>• <b>National workshop on Bioinformatics in Genomics, Proteomics and Metabolomics</b> at Department of Biotechnology, IIT Kharagpur from 23-24 September, 2011</li> <li>• <b>National Workshop in Biostatistics: Application of Computational Statistics in Medicine &amp; Biology 2011</b> at School of Medical Science &amp; Technology, IIT Kharagpur from 8 September 2011 to 10 September 2011.</li> <li>• <b>National Workshop on Molecular Cytogenetics: Cancer Cytogenetics (Haematological Malignancy) by FISH</b>, November 29<sup>th</sup> to December 1<sup>st</sup> , 2010 at <b>Department of Reproductive Biology, AIIMS, New Delhi, India.</b></li> <li>• <b>UGC Sponsored National Seminar in “Trends in Microbiology”</b> on 20-21 December 2009 jointly organized by Department of Botany, A.B .N .Seal College, CoochBehar and Department of Plant Pathology, U.B.K.V.</li> <li>• Government of West Bengal( Department of Higher Education) sponsored <b>workshop on “Basic Techniques in Molecular Biology”</b> on 27-30 December,2008 held at Department of Zoology and Molecular Biology&amp; Genetics, Presidency college,Kolkata.</li> <li>• <b>International symposium on “Stem cells-premises &amp; promises for research and therapeutics “</b>on 18-21 Sept. 2005 organized by ISRRF, NIRRH and HISTOSTEM, USA.</li> <li>• <b>National symposium</b> on “Assessment and management of Bioresources”organized by NBU &amp; Zoological Society, Calcutta held on May 28-30, 2003.</li> <li>• Eastern Zonal <b>Workshop</b> on “Scanning Electron Microscopy” held at</li> </ul>

	University science instrumentation center, Burdwan University in 2003.
<b>Refresher Course/Orientation Programme Participated</b>	<ul style="list-style-type: none"> <li>• <b>UGC sponsored Orientation Programme</b> at Academic Staff College, Burdwan University held from <b>14<sup>th</sup> October 2009 to 10<sup>th</sup> November 2009</b>. Obtained Grade-A.</li> <li>• <b>UGC sponsored Refresher course in Biotechnology</b> at Academic Staff College, Jawaharlal Nehru University, New Delhi form <b>26<sup>th</sup> July to 20<sup>th</sup> August 2010</b>. Obtained Grade-A.</li> <li>• Participated UGC sponsored Refresher course in Environmental Law (Interdisciplinary ) at Academic Staff College, University of North Bengal from 7th February to 27th February 2014. Obtained Grade A.</li> <li>• Participated <b>UGC sponsored Refresher Course in Life Science at HRDC, Guwahati University from 09 July 2018 to 29<sup>th</sup> July 2018</b>. Obtained Grade A.</li> <li>• Participated <b>UGC Sponsored Online Training Programme on NEP Sensitization under MM-TTP by Teaching Learning Centre, (IIT-BHU)Varanasi from 5<sup>th</sup> to 14<sup>th</sup> February 2024</b></li> <li>• Participated Interdisciplinary Faculty development Programme on Ethical Application of AI in Higher Education for Teaching, Research and Administrative Work at Eudoxia Research University, USA fro 8<sup>th</sup> September 2025 to 17<sup>th</sup> September 2025. Obtained Grade A</li> </ul>
<b>Award/Prize/National Recognition</b>	<ul style="list-style-type: none"> <li>• MOEF-GOI-JRF</li> <li>• CSIR-UGC-JRF</li> <li>• ICMR-Genomics Fellowship</li> <li>• Got JYOTI PROVA BORA FOUNDATION AWARD for cancer research, awareness and care in <b>Short Term course in “Cancer Biology 2011: Basic Theoretical aspects” 26-27 August 2011</b> organized by IITG Biotech Hub (Funded by DBT, Govt. of India) for presenting poster entitled fertility issue of cancer survivors.</li> <li>• Got Outstanding Paper Award by presenting paper entitled “Histopathological Studies on the early effects of Ketamine-Xylazine (KX) in Murine model” in 2<sup>nd</sup> Regional State Science Congress at Jalpaiguri Division Siliguri College, Siliguri from December 7-8, 2017 organized by West Bengal State Science and Technology Department, Government of West Bengal.</li> </ul>
<b>Chapter Contributed in Book</b>	<ul style="list-style-type: none"> <li>• <b>Dutta. D.</b> (2013) “Ethnological Observations of food products of certain tribes of Sikkim-an Overview” Ethnicity and Regional Politics of Eastern and Northeast India, Low Price Publications, Delhi 2013 ( ISBN 978-81-75365-44-5) Page 154-160.</li> <li>• <b>Dutta. D., Das. S.K</b> (2013) “Cross talk between Cancer survivors and Infertility: a New problems and novel answer” Biotechnology for People, Ed. S. Mukherjee. Levant Books, Kolkata (ISBN 978-93-80663-86-9) Page 126-132.</li> <li>• <b>Dutta. D., Das. S.K</b> (2014) “Emerging Infectious disease and Biodiversity loss-an analysis with respect to Amphibian community” Biodiversity, Conservation and sustainable development: Issues and Approaches, Chief Ed. Dr. P. Jha (ISBN 978-81-86772-75-1) Volume 1, New Academic Publisher, New Delhi 110002, First Edition Chapter 20. Pp 194-201.</li> <li>• <b>Dutta. D., Das. S.K</b> (2015) “Mitochondrial DNA isolation from Hepatic Tissue” Contemporary Laboratory and Field experiments in Zoology,</li> </ul>

	<p>Pages and Chapters, Kolkata 700064 ( ISBN-978-81-8211-128-8) First Edition Pp 105-107.</p> <ul style="list-style-type: none"> <li>• <b>Dutta. D</b> (2016) “Studies on current status of Genetic Exploration in Amphibians taxonomic and Geographical Disparities” Proceeding of UGC Sponsored National Seminar at Tufanganj Mahavidyalaya on Biodiversity-Prospect and Threats : Present Scenario (ISBN-978-93-5258-521-2) Pg 70-73</li> <li>• <b>Dutta. D</b> (2016) “Potential Interaction between amphibian immunity, infectious disease and climate change-a multifactorial analysis with toad in Dooars region of West Bengal’ Proceeding of UGC Sponsored National Seminar at Kalimpong College on <b>Advances in Biology-Eastern Himalayan Perspective</b> (ISBN 978-93-85375-05-7) N L Publishers, Siliguri Pg 97-108.</li> <li>• <b>Dutta. D., Das. S.K</b> (2017) “Global climate Change and catastrophic declination of Amphibian population-An Investigation with respect to Toad Population at Buxa tiger Reserve, West Bengal” in <b>Climate Change-Impacts and Adaptations</b>, Editor-Anirudra Gurung, Bishen Singh Mahendra Pal Singh Publishing House, Dehradun, (ISBN-978-81-211-0956-7) Pg-59-69.</li> <li>• <b>Dutta, D</b> (2018) “Sequence alignment and it’s implication in structure-function annotation-An investigation with respect to hemoglobin protein structure of some representatives of vertebrate series using the concept of parsimony” in <b>Recent Trends in Life Sciences</b> editors-Prof. Jogen Ch. Kalita and Prof. P .P.Baruah, Purbayan Publication, Gauhati (ISBN 978-93-87263-67-3) Pg.236-241.</li> <li>• Dutta, D and Ray, N (2025) Potential for Textile Hub in North Bengal: Revisiting Ancestral Heritage-a Quest for Reality from Dream, in Heritage, Culture and Identity: North Bengal and North East India in Perspective(ISBN 978-93-90134-98-4) Sopan Publisher, Kolkata, Page No-85-100.</li> </ul>
<b>Book Published</b>	<b>Sustaining wetlands, securing the Future -Interdisciplinary studies from Eastern and Northeastern India(ISBN 978-1-257030-26-2) Redshine Publication, United Kingdom</b>
<b>Research Project undertaken</b>	<ul style="list-style-type: none"> <li>• <b>UGC Sponsored ( Sanction No- F.PSW-111/09-10(ERO) dated 08.10.2009.)</b> project entitled “Studies of the genetic diversity of Toads on the basis of the Mitochondrial gene Evolution in the Dooars regions of West Bengal”. Project implemented from 16.11.2009 to 15.5.2011</li> <li>• <b>UGC Sponsored (Sanction No- F.PSW-71/12-13 (ERO) dated 05.02.2013 )</b> project entitled “Phylogenetic studies of Toads on the basis of Mitochondrial Gene in Dooars regions of West Bengal”.. Project tenure 24 months. Project started from 20.3.2013-19.3.2015</li> </ul>
<b>Reviewer of the Journal</b>	<ul style="list-style-type: none"> <li>• <b>IP Indian Journal of Immunology and Respiratory Medicine (ISSN:2581-4214, eISSN:2581-4222)</b></li> <li>• <b>School Science [ISSN 0036-679X (print) 0972-5061 (online) ] published by NCERT, New Delhi</b></li> </ul>
<b>Research training undertaken</b>	<ul style="list-style-type: none"> <li>• As JRF in MOEF GOI Major research project entitled “ Insect faunal diversity of Buxa Tiger Reserve, Jalpaiguri, West Bengal.” Under the guidance of Prof. D. Roychoudhuri, Zoology Dept. Calcutta University. (Project Sanction No-14/34/2000-ERS-RE Dt 17.10.2001)</li> <li>• National Institute For Research In Reproductive Health ( ICMR ), J.M.</li> </ul>

Street, Parel, Mumbai, under guidance of Dr. Deepa Bhartiya, Asst. Director, Stem Cell Biology Division.

### Membership in Professional Organization

- Life member of “Indian Science Congress Association”.
- Life member of “Indian Society of Cell Biology”
- Life Member of “Electron Microscopical Society of India”
- Life Member of “Zoological Society of Assam”

### Work Experience

Institution Place	Position	From(Date)	TO (Date)
Department of Zoology Calcutta University	JRF in MOEF Sponsored Research Project (Project Sanction No-14/34/2000-ERS-RE Dt 17.10.2001)	12.11.2001	06.05.2003
Stem Cell Biology Division, NIRRH, Mumbai	CSIR JRF	08.05.2003	12.06.2006
Hooghly Mohsin College	Lecturer(Redesigned Assistant Professor)	02.07.2007	04.12.2007
A B N Seal College	Assistant Professor To Associate Professor	05.12.2007	30.12.2025 (on lien)
Bakshirhat Mahavidyalaya	Principal	31.12.2025	Contd.

### Any other information

- **Member** as a Basic Scientist in **Institutional Ethical Committee (IEC)** of MJNMCH, Cooch Behar vide memo no-MJNMC/Prin/1032/2021 Date-24/11/2021 by the Principal, MJNMCH, Coochbehar.
- **Delivered Invited talk** on “Brief sketch on role of Science and Technology in Pre and Post Independent India” organized by **Dayalbagh Educational Institute( DEI), Agra, (Deemed University) India on 24/12/2021** from 11 AM to 12 Noon as a part of celebration in “Azadi ki Amrit Mohotsava”. **You tube link** as <https://youtu.be/si2wpxptmSw>
- **Resource Person** in Project Competition on “Social Entrepreneurship Best Idea Implementation” guided by Mahatma Gandhi National Council of rural Education (MGNCRE) conducted by NSS Unit, A B N Seal College on **25/03/2021** from 10 AM to 1 PM.
- Act as assistant Coordinator in IGNOU, Learners Support Centre , A B n Seal College ( Code 2812) From 01/01/2015 to 31/12/2025.
- Recognized Research guide in subject Zoology of SMU, New Delhi