

CURRICULUM VITAE

NAME : Lalit Mohan Goswami, Ph. D

Present Position: Assistant Professor (Stage III) and Head, Department of Zoology, Nowgong College (Autonomous)

Address for correspondence:

Department of Zoology
Nagaon University,
Nagaon, Assam, 782001
Tel. +91 94355-61742
E- mail: goslalit@gmail.com

Education:

- 2003** B.Sc. First Class with **Distinction**, (Zoology Honours), Gauhati University, Assam.
- 2005** M.Sc. First Class (Zoology, Specialization in **Cell and Molecular Biology**), Gauhati University, Assam.
- 2012** **Ph.D. Zoology North Eastern Hill University, Shillong, Meghalaya:** “Studies on the status and molecular discrimination of Crustacea-borne zoonoses of trematode origin, with special reference to Paragonimiasis in suspected foci of Northeast India.” Supervisors: Prof. (Mrs.) Veena Tandon, Dept. of Zoology and Prof. Anupam Chatterjee, Dept. of Biotechnology and Bioinformatics.

Professional experience:

Research: Fourteen years of research experience in the field of Molecular Biology and Helminth Parasitology.

Teaching: Fourteen years of undergraduate, nine years of senior secondary and eight years of Postgraduate teaching.

Research project:

1. Status of Crustacea-borne parasitic infections in Nagaon and Morigaon districts of Assam, PI, funded by UGC, 4.5 lakhs. Completed. 2015-17
2. Wild Silk Moths: Genetic diversity based on Morpho-molecular markers in North-Eastern Region of India, as **Co PI**, funded by DST, 27 lakhs. Completed on 21.01.2016
3. Setting up and maintenance of aquariums in prominent places of Nowgong College, Nagaon, through NFDB assistance, 50 thousands. Completed. 2015

4. Screening for helminthes infection in locally available fish population in Nagaon District of Assam, India, DBT, 8.00 lakhs. Completed. 2018-19

Number of PG Dissertation guided so far: Eighteen

Number of Ph.D. Students enrolled: Four

Other Qualifications/ Awards:

- Nowgong College (Autonomous) Ph.D. Guideship (Zoology)
- Qualified State Level Eligibility Test for Lectureship (SLET) in Life Sciences for North Eastern States -2008
- Awarded Senior Research Fellowship (SRF) under subject code GENBIO-13 of CSIR w.e.f. 1st April 2009.
- Received **Prof. M.B. Mirza Gold Medal** for the best publications of research work done in India at 21th National Congress of Parasitology from 13-15th November, 2009.
- Awarded CSIR foreign Travel Grant to attend 8th International Conference on Bioinformatics, **Singapore**, 7-11th September 2009.
- Secured **1st class 8th rank** in the M.Sc. Zoology Exam conducted by Gauhati University, 2005
- Three months Certificate course of Computer Application.
- Basic Bioinformatics skills.

Publications:

1. **L. M. Goswami**, P. K. Prasad, V. Tandon and A. Chatterjee (2013) Crustacean-borne infections with microphallid metacercariae (Digenea: Microphallidae) from focal areas in Meghalaya, Northeast India. **Journal of Helminthology** 87 (2): 222-229.
2. **L. M. Goswami**, P. K. Prasad, V. Tandon and A. Chatterjee (2009) Molecular characterization of *Gastrodiscoides hominis* (Platyhelminthes: Trematoda: Digenea) inferred from ITS rDNA sequence analysis, **Parasitology Research**. 104:1354-1358.
3. P. K. Prasad, V. Tandon, D. K. Biswal, **L. M. Goswami** and A. Chatterjee (2008) Molecular identification of the Indian liver fluke, *Fasciola* (Trematoda: Fasciolidae) based on the ribosomal internal transcribed spacer regions. **Parasitology Research** 103:1247-1255.
4. P. K. Prasad, V. Tandon, D. K. Biswal, **L. M. Goswami** and A. Chatterjee (2009) Use of sequence motifs as barcodes and secondary structures of internal transcribed spacer 2 (ITS2, rDNA) for identification of the Indian liver fluke, *Fasciola* (Trematoda: Fasciolidae). **Bioinformation** 3: 314-320.

5. P. K. Prasad, V. Tandon, D. K. Biswal, **L. M. Goswami** and A. Chatterjee (2009) Phylogenetic reconstruction using secondary structures and sequence motifs of ITS2 rDNA of *Paragonimus Westermani* (Kerbert, 1878) Braun, 1899 (Digenea: paragonimidae) and related species. **BMC Genomics**. doi:10.1186/1471-2164-10-S3-S25
6. P. K. Prasad, **L. M. Goswami**, V. Tandon, and A. Chatterjee (2011) PCR-based molecular characterization and insilico analysis of food-borne trematode parasites *Paragonimus westermani*, *Fasciolopsis buski* and *Fasciola gigantica* from northeast India using ITS2 rDNA. **Bioinformation** 6(2): 64-68.
7. L. M. Goswami, V. Tandon, D. K. Biswal, P. K. Prasad and A. Chatterjee (2012) Molecular Characterization of Intestinal Fluke, *Artyfechinostomum sufrartyfex* (Trematoda: Echinostomatidae) using a combinatorial approach of molecular morphometrics and CBC Analysis in the internal transcribed spacer regions. **Delve**, 01(01): 1-19, ISSN, 2278-7402.
8. B. C. Chutia, C. Nath, **L. M. Goswami**, B. Goswami, L. Gogoi and K. Neog. Life History of *Antheraea frithi* Moore, (Lepidoptera: Saturniidae) on *Terminalia arjuna* (Roxb.) W&A Syn. in North Eastern Region of India (2016). Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci. DOI 10.1007/s40011-014-0411-y
9. C. Nath, B. C. Chutia, F. Yasmin, **L. M. Goswami** and L. N. Kakati (2016) Biodiversity exploration of Wild silkmooths host plants in Nagaland, NE India. *Sericologia*, 56(3): 191-200, ISSN 0250-3980.
10. C. Nath, B. C. Chutia, **L. M. Goswami** and K. Neog (2017). Genetic variation within six different colour strains of *Samia ricini* Donovan from North East India. *NeBio*, 8(1): 40-44.
11. Bhuban Ch. Chutia, Chidananda Nath, **Lalit Mohan Goswami**, Sarat Borkataki Nirangkush Borah and Chandan Tamuly 2021. Morphophysical and Spectroscopic Characteristics of Wild Silkworm Cocoons in North-East India, ***Proceedings of the National Academy of Sciences, India Section B: Biological Sciences*** <https://doi.org/10.1007/s40011-021-01329-9>
12. Priyambada Chutia, Manas Das, Nirmalendu Saha, Lalit Mohan Goswami (2022)" Differential expression of aquaporin genes and the influence of environmental hypertonicity on their expression in juveniles of air-breathing stinging catfish (*Heteropneustes fossilis*)" Comparative Biochemistry and Physiology, Part A, 274/ 111314/ <https://doi.org/10.1016/j.cbpa.2022.111314>
13. Bhuban Chandra Chutia, Manash Pratim Borah, Ujjal Bordoloi, **Lalit Mohan Goswami** ✉, Saswati Bharadwaj, Meghna Borthakur, Priyanki Sharma, Jyotismita Das, Sarat Borkataki (2024) Qualitative detection of formaldehyde in challani fish obtained from selected fish markets of Nagaon, Assam, India. *Discover Environment* (2024) 2:26 | <https://doi.org/10.1007/s44274-024-00056-y>

14. Molecular characterization of *Microphallus* sp. (Digenea: Microphallidae) parasitic in freshwater crabs of Manipur, India, Voleentina Devi Athokpam, **Lalit Mohan Goswami**, Veena Tandon (2024) Journal of Parasitic Diseases, <https://doi.org/10.1007/s12639-024-01694-y>
15. Jonmani Kalita, Lalit Mohan Goswami, Manisha Choudhury (2024) Parasitic infections from pork consumption in northeast India: A growing concern for public health. Down to earth, <https://www.downtoearth.org.in/food/parasitic-infections-from-pork-consumption-in-northeast-india-a-growing-concern-for-public-health>
16. Detection of Heavy Metal Accumulation and Potential Health Risk Assessment of Selected Fish Species from Kolong River, Assam, India (2024) Bhabana Das, Manash Pratim Borah, **Lalit Mohan Goswami** and Priyanki Sharma. Toxicology International, 31(4) : 657-667; 2024. DOI: 10.18311/ti/2024/v31i4/36466
17. Educational Status Influence on Knowledge, Awareness About Breast Cancer and Practice of Breast Self-Examination Among Women of Low-Resource Setting (2025) Pallavi Sarma, Baishali Das, Barnali Sarma, Parismita Saikia, Anupam Sarma, Subhradip Karmakar, Mrinal Deka, Lalit Mohan Goswami, Avdhesh Kumar Rai, Indian Journal of Gynecologic Oncology [https://doi.org/10.1007/s40944-025-01033-w\(2025\) 23:110](https://doi.org/10.1007/s40944-025-01033-w(2025) 23:110)
18. Sequences submitted to Genbank and accession numbers received: (Total=36)

Helminth Parasite: EF027094, EF027095, EF027096, EF027097, EF027098, EF027099, EF027100, EF027101, EF027102, EF027103, EF027104, EU887293, EU887294, EU887295, FJ966109, FJ966110, FJ966111.

Sericigenus Insect: KU862863, KU705824, KU949602, KU949603, KU949604, KU9496025, KU949602, KU949606, KU949607, KU949608, KU949609, KU9496010, KU9496011, KU9496012, KU9496013, KU949733, KU949734, KU949735, KU949736.

Books:

1. Laboratory Manual for Undergraduate Students, Plant Physiology; By C. Bezbaruah, Dr. B. Kalita, Dr. M. Saikia, Dr. B. Sarma, Dr. L.M. Goswami, J.Boruah: ISBN987-81-923253-1-6, Publisher: Kaliabor College
2. Laboratory Manual: A comprehensive practical handbook for life science students Dr. B. Sarma, Dr. L.M. Goswami, By C. Bezbaruah, Dr. B. Kalita, Dr. M. Saikia, J.Boruah; ISBN: 978-81-923253-3-0, Publisher: Kaliabor College

Book Chapters:

1. P. Bordoloi and L. M. Goswami (2019) Spectrum of helminth parasites found in freshwater fishes of Demow Beel, Nagaon, Assam; A Foldscope based study. In B. C.

Chutia, F. Yasmin (eds.) Bioresources for sustaining life and livelihoods in Northeast India. Gigabytes Press and Publication, 4-5 October 2018, pp 267-276. ISBN-978-93-85310-48-5.

2. L. M. Goswami (2018) An insight to water borne diseases in Indian context. In J. C. Kalita & P. P. Baruah (eds.) Recent Trends in Life Sciences. UGC-HRDC, Gauhati University, Purbayon Publication, pp 127-133. ISBN-978-93-87263-67-3.
3. L. M. Goswami and B. Sarma (2015) Awareness for food borne trematodiasis in Northeastern part of India. In K. K. Medhi and F. Yasmin (eds) Biological science education, Expansion and issues in Northeast India. Proceedings of National conference “Sustainable Quality of Biological Science Education, Surya Printing works, 9-10 December 2013, pp 175-193. ISBN-978-81-924066-1-9.
4. V. Tandon **L. M. Goswami**, P. K. Prasad, and A. Chatterjee (2009) Molecular characterization of intestinal fluke, *Artyfechinostomum sufrartyfex* (Trematoda: Echinostomatidae) using PCR amplification of rDNA ITS regions. In: V. Tandon, A. K. Yadav and B. Roy (eds) Current Trends in Parasitology, Proceedings of the 20th National Congress of Parasitology. Panima Publishing Corporation, New Delhi, 3-5 November 2008, pp 153-162. ISBN: 81-86535-69-1
5. **L. M. Goswami (2013)** Studies on the status and molecular discrimination of Crustacea-borne zoonoses of trematode origin, with special reference to Paragonimiasis in suspected foci of Northeast India. In: S. Barman and S. Das (eds) Summary of Doctoral Thesis, Vol. V, by Assam College Teachers Association, Destiny Printing Press, Guwahati, pp 468-473, ISBN: 978-81-920635-5-3.
6. Study on Analysis of Menstruation Pattern and Psycho-social Difficulties in Young Women in Assam (2024) **Lalit Mohan Goswami**, Priya Dubey, Barnali Sarma, Bhuvan Chandra Chutia, Tabu Kaishyap Borthakur. In Traditional Knowledge (Exploring Traditional Knowledge: Bridging Past and Future) Edited by Dr. Bhuvan Ch. Chutia, pp 475-487, ISBN : 978-81-19414-94-9

E content development:

Title	Organizing Institution	Activity	Year of development	Duration (in min)
Transport Across Membranes: Active and Passive Transport, Facilitated Transport	Zoological Society of Assam (ZSA)	Voice recorded presentation uploaded in ZSA-Youtube Channel	2020	33.33 Min https://www.youtube.com/watch?v=moPo8fvpu18&t=116s
Study of Human karyotype: Normal and abnormal				32.29 Min https://www.youtube.com/watch?v=a8tIPkeKuGg&t=283s

Professional Experience:

- Junior Research Fellow in research project “*Status and PCR-based molecular discrimination of Paragonimiasis and other crustacean-borne trematode zoonoses in Northeast India*” with Prof. V. Tandon, Department of Zoology and Prof. Anupam Chatterjee, Department of Biotechnology and Bioinformatics NEHU sponsored by Department of Biotechnology, GOI, from April 17, 2006- March 31, 2008.
- Senior Research Fellow in DBT- sponsored project entitled “*Status and molecular characterization of Paragonimiasis and other Crustacea-borne trematode zoonoses in Northeast India.*’ Under the supervision of Prof (Mrs.) Veena Tandon, Department of Zoology and Prof. Anupam Chatterjee, Department of Biotechnology and Bioinformatics NEHU, by Department of Biotechnology, GOI, from April 01, 2008-March 31, 2009.
- Senior Research Fellow, CSIR, w.e.f. 1st April, 2009-6th August, 2010.
- Received travel fellowship from CSIR, to present paper in 8th International Conference on Bioinformatics, **Singapore**, 7-11th September 2009.
- Assistant Professor, Department of Zoology, Nowgong College, 7th August, 2010 till date.
- Completed UGC sponsored Orientation programme from 16th May, 2012 to 12th June, 2012 in Academic Staff College, NEHU, Shillong
- Completed UGC sponsored Refresher Course in Life Sciences from 11th November, 2013 to 30st November, 2013 in Academic Staff College, University of Rajasthan, Jaipur.
- Completed UGC sponsored Refresher Course in Life Sciences from 9th to 29th July, 2018 in Human Resource Development Centre, Gauhati University, Guwahati, Assam.

Technical skill:

- Image analyzing microscopy, Phase contrast microscopy, Scanning and Transmission electron microscopy
- Ultramicrotomy
- Allozyme markers
- Extraction of Nucleic Acids from Microbial and animal sources
- Plasmid isolation, Cloning and Vector construction
- Karyotyping
- Through Fluorescent In-Situ Hybridisation
- Different types of PCR methods: PCR-RFLP, Rep-PCR, ERIC-PCR, BOX-PCR, Multiplex PCR, PCR-SSCP, Inverse PCR, Genome walking PCR, Reverse transcription PCR, RACE-PCR, Real-Time PCR etc.

- Different Bioinformatics applications, Phylogeny analysis, Molecular taxonomy
- DNA barcoding
- DNA sequencing

Workshop/Training attended:

- NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC), Organised by Gauhati University, Guwahati-14, 05/06/2024 to 14/06/2024
- Professional Development Programme on ‘Implementation of NEP 2020 for University and College Teachers’ INDIRA GANDHI NATIONAL OPEN UNIVERSITY, *held from 12-20 June, 2023*
- Faculty Development Programme for Ph.D supervisors, IQAC, Nowgong College (Autonomous) 22nd to 27th April, 2022
- UGC Sponsored Workshop on Leadership Development, UGC & HRDC, NEHU, Meghalaya, 8th -14th March, 2022
- Online FDP on Online Evaluation System, TL22nd - 28th June, 2021C, Tezpur University and IQAC, Nowgong College (Autonomous),
- IIC Innovation ambassador training program, in IISER Kolkata, 6-7 March, 2020.
- One-Week Online Faculty Development Programme on “Mentoring Pedagogy and Teaching Techniques for Higher Education,” organized by E&ICT Academy IIT Guwahati in association with Nowgong College, 8-15th June, 2020
- Faculty Development Programme on “LaTex and Moodle Learning Management System” Nowgong College in association with IIT, Bombay under Spoken Tutorial Project 24th April-7th May, 2020.
- “Training of Teachers (TOT) on Students Induction Programme (SIP)”, 8-10 August, 2019, in Assam Down Town University, Panikhaiti, Guwahati, organized by UGC North East Regional office Guwahati.
- “Gene Cloning, Protein Biochemistry, Structure Biology and Bioinformatics”, 21st January-1st February, 2019, Organized by Advanced Centre for Treatment, Research and education in Cancer (ACTREC), Navi Mumbai, Maharashtra.
- “Biomolecular Interaction and Dynamics”, 3-6th January, 2017, Organized by BIF facility, College of Veterinary Science, Assam Agricultural University, Khanapara, Guwahati, Assam.

- “ICT tools for Classroom Teaching”, 06-21st September, 2017, Organized by E&ICT Academy and IIT Guwahati with support from Nowgong College.
- Workshop on “Assam Biodiversity Portal”, 28th October, 2017, Organised by Ashoka Trust for Research in Ecology and Environment (ATREE).
- “Research Based Pedagogical Tools”, 27-30th January, 2017, Organized by Tezpur University in Collaboration with British Council, Supported by DBT, MHRD Govt of India.
- Workshop on “Choice Based credit system for undergraduate courses”. 26th May, 2016, at Nowgong College.
- Maintenance of Orchid Germplasm through conventional breeding, on 4th -5th March, 2013, organized by Kaliabor College, Sponsored by UGC.
- Field testing of Translated Texts in Assamese on 3rd January, 2013 at Nowgong College, by national Translation Mission.
- UGC-NRCBS Summer School on PCR Applications, Organized by Madurai Kamaraj University, Tamilnadu, March 17th – 31st, 2010.
- Training Course on ‘Recent Advances in Molecular Markers and Their Applications,’ Organized by National Bureau of Fish Genetic Resources Lucknow, 12th – 23rd January, 2009.
- Training course on Application in Bioinformatics, conducted by the Bioinformatics Centre, NEHU, Shillong funded by DBT, Ministry of Science & Technology, Govt. of India, 13th -15th February, 2007.
- Training Programme on Atomic Absorption Spectrophotometry and High Performance Liquid Chromatography organized by SAIF, North Eastern Hill University, 7th-9th December, 2005.
- Hoolock Gibbon Conservation programme, Wildlife conservation Training” organized by AARANYAK, Primate Research Centre and Assam Forest Department, 2nd-3rd October 2004.

Invited Speaker

- Celebration of International Science Centre and Science Museum day, “**Monsters inside us**” Invited speaker, 11th November, 2019, In Regional Science Centre (National Council of Science Museums) Ministry of Culture, Govt. of India, Jawaharnagar, Khanapara, Guwahati, Assam

- **“Foldscope: A prospective tool for Parasitological Research,”** Invited speaker, in one day symposium on “Research with Foldscope” 16th March 2019, In Assam Down Town University, Guwahati, Assam.
- **“Spectrum of helminth parasites found in freshwater fishes of Demow Beel, Nagaon, Assam; A Foldscope based study.”** National Seminar on Bioresources for sustaining life and livelihoods in Northeast India. Department of Zoology, Nowgong College, Assam, 4-5th October, 2018
- Mariam Ajmal College of Women, “Foldscope as a learning tool and Bioinformatics for beginners” 2 lectures, 15th October, 2018

Papers presented in Seminar/Conference:

Oral:

- “Prevalence of Epstein - Barr Virus (EBV) in Breast Cancer Patients Of North- East India” Pallavi Sarma, Kamalika B. Deka, Biki Chandra Das, **Lalit Mohan Goswami**, Avdhesh Kumar Rai, Anupam Sarma, Gaurav Das, In ICSSR, sponsored International Conference on **Traditional Knowledge (Exploring Traditional Knowledge: Bridging Past and Future)** organized by IQAC, Nowgong College (Autonomous), 22nd and 23rd March, 2024.
- “A study on tobacco, gutkha, paan, betel nut and pan masala consumption among young men and women of Assam, N.E. India,” Goswami LM, , Bora S and Rai A.K. National Seminar on Reviving Traditional Practices in Light of Climate Change, organised by Kaliabor College, Dated 12-13th June, 2023
- “Assessment of practical challenges faced by women in performing breast self examination in Assam. 67th annual technical session of Assam Science Society cum National Seminar on Current developments in science and technology, organised by Bhattadev University, 6th April 2023
- “Evaluation of Antioxidant enzyme activities in *Heteropneustes fossilis* (Bloch, 1794) naturally infected by Helminthes,” Goswami L. M., Das M, Bordoloi P (2021) organized by Department of Ecological studies & ICEE and Department of Food and Nutrition, University of Kalyani on dated 15th to 17th December, 2021. (Integrated Approaches towards Sustainable Management of Environment for Safe Food, Nutrition and Improved Health)”
- “Spectrum of helminth parasites found in freshwater fishes of Nagaon, Assam; A Foldscope based study” L. M. Goswami, P. Bordoloi in Assam Botany Congress & International conference on Plant science in 4-6 February, 2019, Gauhati University, Guwahati, Assam.

- “Foldscope: A prospective tool for Parasitological Research,” Young Scientist presentation 4-5 October 2018, In National Seminar on Bioresources for sustaining life and livelihoods in Northeast India, Department of Zoology, Nowgong College, Assam.
- “A Study on Agrochemicals used in rabi crops in Agricultural Rich area, Near Nagaon town, Assam”. F. Sultana, L. M. Goswami, B. Sarma. 21-22 Sept. 2018 National seminar on Recent advances in Biosciences and annual general Meeting of Zoological Society of Assam, Pragjyotish College, Assam.
- “Food borne trematodiasis in Nagaon Assam, with special reference to Crustacea borne infection” L. M. Goswami, A. Nath, C. Das and U. Baruah. National seminar on integrated approach in Zoological research & Biennial conference of Zoological Society of Assam. Held at Gauhati University, Guwahati, 30-31st March, 2017.
- “Use of molecular taxonomic tools for species identification and biodiversity conservation” **L. M. Goswami**, V. Tandon, P.K. Prasad, B. Goswami, P.C. Saikia, L. Gogoi. National seminar on Conservation and utilization of natural resources in North East India, held at Nowgong college, Assam, 10-11th January, 2011.
- “Crustacea-borne metacercarial infection of a microphallid fluke (Trematoda: Digenea: Microphallidae) in focal areas of Meghalaya, Northeast India” by **L.M. Goswami**, V. Tandon, P.K. Prasad and A. Chatterjee. 21th National Congress of Parasitology held at Punjab University, Chandigarh, 14th -16th November 2009.
- “Molecular characterization of intestinal fluke, *Artyfechinostomum Sufrartyfex* (Trematoda: Echinostomatidae) using PCR amplification of rDNA ITS regions by **L.M. Goswami**, P.K. Prasad, V. Tandon and A. Chatterjee. 20th National Congress of Parasitology held at North Eastern Hill University, Shillong, 3rd-5th November 2008.
- “Molecular Characterization of the intestinal fluke *G. hominis* from NE India, on the basis of DNA Sequences of ribosomal ITS regions” by **L.M. Goswami**, P.K. Prasad, V. Tandon and A. Chatterjee. National Symposium on Advances in Zoology: Faunal Diversity and ecophysiology, 13-14 March 2008, Organized by Department of Zoology, North Eastern Hill University, Shillong.
- “Molecular taxonomic status of *Gastrodiscoides hominis*: A study on ribosomal internal transcribed spacer (ITS) regions of DNA” by **L.M. Goswami**, P.K. Prasad, V. Tandon and A. Chatterjee. 19th National Congress of Parasitology held at Andhra University, Visakhapatnam, 26- 28th October, 2007.

Poster:

- “A new record of trematode parasitic form, found in freshwater crustacean hosts in assam” **L. M. Goswami**. 4th International Conference on Environment and Ecology, Department of Zoology, Gauhati University, Assam, India, 12-14th January, 2018.
- **Metacercarial diversity in crustacean hosts in NE India, a pilot study.** Goswami LM, Prasad PK, Athokpam VD and Tandon V. Recent Trends in Biological research and future prospects, Sikkim University, 28-29 May 2018.
- “Molecular Characterization of Intestinal Fluke, *Artyfechinostomum sufrartylfex* (Trematoda: Echinostomatidae) using a combinatorial approach of molecular morphometrics and CBC Analysis in the internal transcribed spacer regions.” **L. M. Goswami**, V. Tandon, D. K. Biswal, P. K. Prasad and A. Chatterjee. 8th International Conference on Bioinformatics, **Singapore**, 7-11th September 2009.

Webinar:

- **Organised** National webinar on “**Areca-nut induces genomic changes that lead to carcinogenesis: Cytogenetic to Molecular Genetic Studies,**” Resource person, Prof. Anupam Chatterjee, Department of Biotechnology and Bioinformatics, NEHU, Shillong, in association with IQAC, Nowgong College, 18th August, 2020
- **Participated:** National webinar on “**Zoonosis and Human Health**” organised by Zoological Society of Assam and ZSA unit of ADP College, on 30th August, 2020.
- **Participated:** “**Biofloc Technology: An Emerging Ecological Tool in Aquaculture**” organized by Post Graduate Department of Zoology in association with IQAC, Alumni Association and ZSA Unit, Nowgong College (Autonomous), 30th July 2021.

Seminar/Conference attended:

- National Seminar on “Capacity Building in Higher Education”, 4th June, 2016, at Nowgong College, Sponsored by ICSSR.
- “Sustainable quality of Biological Science Education” on 9th -10th July, 2013 at Nowgong College, Sponsored by UGC.
- “Challenges of quality assurance in higher education with special reference to North eastern region, on 25th -26th July, 2012 at Nowgong College, Sponsored by NAAC.
- 96th Indian Science Congress held at North Eastern Hill University, Shillong, 3-7th January, 2009.

Membership:

1. Life Member, Assam Science Society. LM No. 5483
2. Life Member, Ellora Bigyan Mancha
3. Life Member, Zoological Society of Assam

4. Life Member, Assam Sahitya Sabha. LM No. 34246
5. UNESCO
6. Member, Assam College Teachers' Association (ACTA)

Recognition/ Administrative

1. Head. Department of Zoology, Nowgong College (A) wef 01/10/2021
31.12.2024.
2. Coordinator, Diploma in Forensic Science course, w.e.f. October, 2023
3. Co-PI, Advanced Institutional Level Biotech Hub, Nowgong College
4. Judge, District level science speech/ Model competition, Organized by
Aryabhatta Science Centre, ASTEC, Assam.
5. Judge, 24th National Children Science Congress, District organizing
Committee, Nagaon
6. President, NEHU Assam Students Association, Shillong.
7. Executive Member, Zoological Society of Assam & Secretary, ZSA Unit,
Nowgong College.
8. Secretary, Alumni Association, Department of Zoology, Nowgong College
(A)
9. Vice President: Nowgong-Kolongpar Branch, Assam Science Society
