

Dr. Farishta Yasmin

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Google Scholar Citations: 241; h-index=9

Academic Qualifications

Ph.D. in Biotechnology (Soil Ecology), Gauhati University, Assam (2004)

PG Diploma in Ecology and Environment. IIEE New Delhi (1SS4)

B.Ed. Gauhati University, Assam (1SS4)

M.Sc. in Botany (Plant Ecology) Gauhati University, Assam (1SS2)

B.Sc. in Botany Gauhati University, Assam (1SS0)

Current Position/Roles

Associate Professor, Department of Botany, Nagaon University, Assam

- **Ph.D. Research Guide:**
 - Nagaon University, upgraded from Nowgong College (Autonomous) since 2022
 - Gauhati University since 2012.
 - **Head of Department, Botany:** 01/2024-present; 01/2015-12/2017.
 - **Head of Department, Biotechnology:** 01/2024-present; 01/2021-12/2023.
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Professional Experience

Position	Institution	Period
Associate Professor (Botany)	Nowgong College, Assam	07/2012-Present
Assistant Professor (Selection Grade)	Nowgong College, Assam	07/2009-06/2012
Senior Lecturer (Stage II)	Nowgong College, Assam	07/2004-07/2009
Lecturer (Stage I)	Nowgong College, Assam	07/1998-07/2004

Research Interests

- **Environmental Research:** Cryptogamic flora (Algae and Lichen) of Brahmaputra valley, application of algae in environmental sustainability, Ecology of contaminated sites.
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Teaching Experience (25 years)

- **Undergraduate:** Microbiology, Plant Ecology, Environmental Science, Horticulture
 - **Postgraduate :** Phycology, Paleobotany, Environmental Ethics, Education
 - **Ph.D :** Research Methodology, Plant Ecology and Plant Taxonomy.
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Administrative Roles

- Academic Registrar (i/c), Nagaon University, Assam since 2025
 - **Member Secretary, Academic Council,** Nowgong College (Autonomous), since 2021
 - **Coordinator, Institutional Biotech Hub** (DBT, Govt. of India), 2009-2019, 2023-Present
 - **Coordinator, Star College Scheme** (DBT, Govt. of India), 2012-2016
 - **Member BoS,** Botany Department, Rabindranath Tagore University, Assam since 2023
 - **Superintendent,** SPP Girls' Hostel, Nowgong College, Assam, 2014
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Research Grants

Title	Agency	Duration	Amount (INR Lakhs)
1. Exploration of algae for natural dye with reference to application in textile fabrics	DBT, Govt. of India	2023-2026	57.8
2. Empowerment of ST people through rearing and utilization of eri silkworm (<i>Samia ricini</i> Donovan) cum ornamental fish culture in Nagaon and Morigaon district of Assam	DST-SEED	2019-2022	47.3
3. Algal flora from different habitats of central Assam and conservation of collected strains	Ministry of Environment C Forests	2009-2012	17.13
4. Documentation of Lichen Flora of Nagaon District, Assam	University Grants Commission	2016-2018	3.60
5. Field data collection of invasive species from identified from sampling point locations in Nagaon district, Assam	North East Space Application Centre, Meghalaya, Govt of India	2016-2018	3.0
6. Evaluation of biofertilizer potentiality of nitrogen-fixing cyanobacteria of Morigaon district, Assam	University Grants Commission	2001-2003	0.5

Ph.D. awarded under Supervision

- **Reena Terangpi (2025)**, Thesis: *Phytochemical characterization of selected traditional medicinal plants used by Karbis for antifertility and abortifacient activity*
 - **Rupjyoti Gogoi (2023)**, Thesis: *Taxonomic Studies of Lichen Flora of Nagaon District, Assam*
 - **Bharat Banti Buragohain (2016)**, Thesis: *Studies on algal diversity in different aquatic habitats of Nagaon District, Assam*
 - **Currently Supervising:** 3 Ph.D. students (3 from Nowgong College)
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Awards s Honors

- **ICMGP-2024 Travel Grant**, South Africa (2024)
 - **Late Dulal Chandra Goswami Memorial Research Award** (2023)
 - **Recognition by Dept. of Higher Education**, Govt. of Assam (2016)
 - **National Merit Scholarship** for Postgraduate Studies, 1990-1992
 - **Fellow** of the International Society for Conservation of Natural Resources, India
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Memberships

- Life Member, **UNESCO Association**
 - Fellow, **Lichenological Society of India**
 - Fellow, **International Society for Natural Resources**
 - Life Member, **Assam Science Society**
 - Life Member, **Botanical Society of Assam**
 - Life Member, **North East Biotechnological Association**
 - Life Member, **International Society of Environmental Botanists**
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Selected Workshops s Training

1. Online 4 credit course on Intellectual Property, Swayam (July - December, 2024)
2. National Level Virtual Faculty Development Programme on Nanotechnology from 29/06/2020 to 03/07/2020 organised by Saveetha Engineering College, Chennai, India.
3. Short-term course on Remote Sensing and GIS Applications in Forestry and Ecology conducted at North Eastern Space Applications Centre, Meghalaya from 21st- 25th October 2019.
4. Workshop on ICT in Management of Education organised by Teaching Learning Centre, Central University, Tezpur on May 22 & 30, 2019.
5. Workshop on Molecular Systematics of Lichens at CSIR- National Botanical Research Institute, Lucknow On 26th January 2018.

6. STEM Teacher Training Workshop on Research Based Pedagogical Tools at Central University, Tezpur from 27th to 30th January 2017.
7. Training on Lichens at CSRI-National Botanical Research Institute, Lucknow from 24th to 29th July 2015.
8. Training course on “Gene Cloning, Protein Biochemistry, Structural Biology & Bioinformatics” at Advanced Centre for Treatment, Research and Education in Cancer” from 29th June to 7th July 2015.
9. Training Programme on Gender Teaching: Pedagogical practices at Central University, Tezpur on 16th March 2015 organised by Centre for Women studies.
10. Workshop on Capacity Building in Effective Management of Intellectual Property Rights (IPRs) in Biotechnology by Universities and Research Institutes in Assam at College of Veterinary Science, Guwahati, Assam from 16th to 17th October 2014 organised by Biotech Consortium India Limited, New Delhi.
11. Short-term Training Programme on Analytical Instruments and its Applications (Mass Spectrometry - GCMS & LCMS and Spectrophotometry- FTIR, UV-Vis & Fluorescence) at Guwahati Biotech Park, Guwahati, Assam from 22nd to 24th July 2013.
11. Training Course on Creation and Management of Biological databases at Bioinformatics Infrastructural Facility, College of Veterinary Science, Guwahati, Assam from 9th to 11th February 2011.
13. Training on Molecular Taxonomy and Barcoding of Microalgae at Bharathidasan University, Tiruchirappally from 11th to 19th October 2010.
14. International Training on Freshwater Algal Identification at Durham University, UK from 4th to 9th July 2010.
15. Training on Blue Green Algae at Indian Agricultural Research Institute, New Delhi, India from 18th April - 8th May 2009.
16. Workshop cum Training Programme on Recent advances in Microbial Biotechnology & Molecular Biology at North Eastern Regional Institute of Science & Technology, Arunachal Pradesh, India from 6th-10th October 2008.
17. UGC capacity building workshop on Women Managers in Higher Education organised by Gauhati University, Assam from 27th to 31st March 2007.
18. Workshop on Taxonomy of Algae at University of Madras, Chennai, India from 22nd -28th February, 2007.
19. Human Resource Development Training Course on Biofertilizer Technology for Rice based cropping system at Tamil Nadu Agricultural University, Tamil Nadu, India from 22nd August to 11th September, 2003.
20. Training course in Blue Green Algae & *Azolla* Biofertilizer for Rice at Indian Agricultural Research Institute, New Delhi, India from 25th to 31st May, 2001.

Invited Lectures & Presentations

- *Citizen's Perception of E-waste Management*, ICMGP, Cape Town, South Africa (2024)
 - *Freshwater Red Algae of North Eastern Region of India*. Bharathidasan University, Tiruchirapalli, Tamil Nadu (2023)
 - *Fascinating World of Lichens*, Biswa Bangla Genome Center, North Bengal University (2023)
 - *Algae Research & IPR*, Sikkim State Council of Science & Technology, Sikkim (2023)
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Reviewer & Editorial Contributions

- Editor, *Biodiversity and Conservation: Issues and Cases* (2019)
 - Author, *Green Urban Biodiversity* (2016)
 - Editorial Member, *Bioresources for Sustaining Life and livelihood* (2019)
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Research Outcome

- Submission of DNA Sequences at GenBank
rbcL MN496129, MN496130, MN481449, MN481450, MN481451

List of Publications

Research Paper

1. Bhargov Mudhukailya Shyamalee Patar Lakhya Jyoti Borthakur Farishta Yasmin, Mudhukailya, Bhargov, et al. "Photocatalytic degradation of synthetic organic dyes by algae mediated iron-based hydronium jarosite nanoparticles (AFenPs)." *Journal of Water Process Engineering* 85 (2026): 109810.
2. Soumyajit Das, Shivaleela Biradar, Rosni Jabin, Sutapa Dutta, Farishta Yasmin, Babu R Lamani and Arnab Sen (August, 2025) [In-silico inquest reveal the efficacy of *Usnea longissima* ach. \(A tropical Lichen\) against ovarian cancer. In Silico Pharmacology 13\(2\). DOI:10.1007/s40203-025-00408-3](#)
3. Reena Terangpi and Farishta Yasmin (August, 2024). Exploring abortifacient perspectives on the use of *Achyranthes aspera* L. and *Dendrocalamus hamiltonii* Nees & Arn. ex Munro among Karbi tribe of Assam, Northeast India. [Journal of Medicinal Plants](#) 23(91):28-41. DOI:10.61186/jmp.23.91.28
4. Reena Terangpi, Sangeeta Agarwal, Kolom Singh Engti, Partha Chakdar, Dwimu Basumatary and Farishta Yasmin (2024). *Musa balbisiana* Colla, an Ethnomedicinal Plant use as Abortifacient among Karbi Tribe of Assam, North East India: An In Silico Characterization. *Journal of Natural Remedies*. DOI:[10.18311/jnr/2025/40569](#)
5. Reena Terangpi and Farishta Yasmin (2024). Phytomedicines used for the treatment of perineal laceration among the Karbi tribe of Assam, India. *Journal of Bioresources* 11(2):81-86. <https://doi.org/105281/zenodo.13826769> indexed in UGC-CARE list
6. Shyamalee Patar, Rishi Mittal, Farishta Yasmin, Balin Kumar Bhuyan, Lakhya Jyoti Borthakur (July, 2024). Photocatalytic degradation of antibiotics by N-doped carbon

- nanoflakes-nickel ferrite composite derived from algal biomass. <https://doi.org/10.1016/j.chemosphere.2024.142908> Index in Scopus
7. Kangkana Medhi, Jyotismita Das, Rimpi Dhar, Dulumoni Das, Farishta Yasmin and Arup Hazarika (July 2024). Bird-Ecosystem Relationship in an Urbanizing Habitat: Implications for Conservation and Ecosystem Stability. *Uttar Pradesh Journal of Zoology* DOI:10.56557/upjz/2024/v45i154251
 8. Reena Terangpi, Rosni Jabin, Dwimu Basumatary and Farishta Yasmin (May, 2024). Traditional use of *Lablab purpureus* (L.) Sweet as an abortifacient and antifertility among Karbi tribe of Assam, North East India. *Plant Science Today*. Vol.11 No. sp1(2024). ISSN 2348-1900 (Online). Vol <https://doi.org/10.14719/pst.3380> indexed in Scopus.
 9. Rupjyoti Gogoi, Farishta Yasmin and Sanjeeva Nayaka (November, 2022). Additions to the Lichen Biota of undivided Nagaon District with special reference to *Tylophoron protrudens* Nyl., a new record to Assam State of India. *Cryptogam Biodiversity and Assessment* Vol 6, No. 1 (2022), 34-38, e-ISSN : 2456-0251
 10. Rupjyoti Gogoi, Dipanjali Devi, Sanjeeva Nayaka, and Farishta Yasmin (2022). A checklist of lichens of Assam, India. *Asian Journal of Conservation Biology*. Indexed in Scopus
 11. Amlan Roy, Nirmali Gogoi, Farishta Yasmin, Mohammad Farooq (2022). The use of algae for environmental sustainability: Trends and Future Prospects. *Environmental Science and Pollution Research*. <https://doi.org/10.1007/s11356-022-19636-7> Indexed in Scopus
 12. Reena Terangpi and Farishta Yasmin (2021). Medicinal Plants used as Abortifacient among Karbis of Assam, India. *Journal of Natural Remedies*. Vol 4: 297-302. DOI: 10.18311/jnr/2021/26142 Indexed in Scopus with H Index 13.
 13. Rossignolo N. L., Vis M. L., Paiano M. O., Eloranta P., West J. A., Ganesan E. K., Yasmin F., Lim P.-E. C Necchi O. Jr. (4th June 2021). Revision of the genus *Sirodotia* Kylin (Batrachospermales, Rhodophyta) with description of four new species. *Cryptogamie, Algologie* 42 (8): 93-127. <https://doi.org/10.5252/cryptogamie-algologie2021v42a8>. ISSN (print): 0181-1568. IF: 1.79
 14. Juri Chetia, Nirmali Gogoi, Rupjyoti Gogoi and Farishta Yasmin (2021). Impact of heavy metals on physiological health of lichens growing in differently polluted areas of central Assam, North East India. *Plant Physiol. Rep.* <https://doi.org/10.1007/s40502-021-0575-3>. IF: e-ISSN 2662-2548 H Index 18 SJR 0.31
 15. Sadiqul Ahmed, Bharat Banti Buragohain and Farishta Yasmin (December 2020). Study on Microalgal diversity of Kolong river in Nagaon District, Assam during COVID-19 lockdown period. *Indian Hydrobiology*, Vol 19 (1C2). pp 249-254. ISSN0971-6548
 16. Gogoi, Rupjyoti; Joseph, Siljo; Choudhury, Manas; Nayaka, Sanjeeva; Yasmin, Farishta (October 2020). Crustose Lichens new to India. *Mycotaxon*. Volume 135(3). pp 657-663. DOI: <https://doi.org/10.5248/135.657> ISSN 2154-8889 IF 0.538
 17. Sadiqul Ahmed, Subham Roy, Kumananda Tayung, Farishta Yasmin (October 2020). Assessment of antibacterial potential of different solvent extract of foliose lichens against human pathogenic bacteria. *Journal of Applied Pharmaceutical Science* Vol. 10(10), pp 072-076, October, 2020. DOI: 10.7324/JAPS.2020.10108 ISSN 2231-3354 SJR 0.29
 18. Roshini Kumar Ngangom, Sanjeeva Nayaka, Rupjyoti Gogoi, Komal Kumar Ingle, Prashant Kumar Behera C Farishta Yasmin (October 2020). New species and new

- records of the lichen genus *Buellia sensulato* (Caliciaceae) from India. *Plant Science Today*. Vol 7(4): 584-589 <https://doi.org/10.14719/pst.2020.7.4.879> ISSN 2348-1900 (online) SJR 0.15 IF 0.45
19. Natalia L. Rossignolo, Farishta Yasmin, John A. West, E.K. Ganesan and Orlando Necchi Junior (2020). Molecular and morphological evidence for a new species in the genus *Sirodotia* (Batrachospermales, Rhodophyta) from the State of Assam, India. *Phytotaxa* 437 (3): 121-134. pISSN 1179-3155 eISSN 1179-3163; <https://doi.org/10.11646/phytotaxa.437.3.1>
 20. Orlando Necchi Jr., John A. West, E. K. Ganesan, Farishta Yasmin, Shiva Kumar Rai and Natalia L. Rossignolo (2019). Diversity of the genus *Sheathia* (Batrachospermales, Rhodophyta) in northeast India and east Nepal. *Algae* 2019, 34(4): 277-288. pISSN: 1226-2617 eISSN: 2093-0860
 21. Rupjyoti Gogoi, Siljo Joseph, Sanjeeva Nayaka and Farishta Yasmin (2019). Additions to the Lichen biota of Assam state, India. *Threatened Taxa*. 11(6): 12765-13781. ISSN 0974-7907
 22. Swastika Gurung, Veena Pandey, Farishta Yasmin and B C Basistha (2017). Algal diversity in the sacred lake of Tung Kyong, Dzongu, Northern Sikkim *Phykos* 47(2): 95-99 ISSN 0554-1182

Author/Editor/Editorial Member of the publications of the institute

1. Editor of the book 'Sugandhi - Fragrance' (2019) ISBN 978-93-85310-59-1.
2. Editorial member of the book 'Biodiversity and its conservation: Issues and Cases' (2019) ISBN 978-81-940053-8-4
3. Editor of the book 'Bioresources for Sustaining Life and Livelihoods in North-East India' (2019) ISBN 978-93-85310-48-5
4. Author of the Book- 'Handbook of Eri Silkworm Rearing and Silk Production' (2018) ISBN 978-81-924066-8-8
5. Author of the Book - 'Green Urban Biodiversity' (2016) ISBN 978-81-924066-5-7
6. Editor of the book 'Biological Science Education (Expansion and Issues in North East India) (2015)' ISBN 978-81-924066-1-9
7. Editor of the book 'Spectrum' - An activity manual with infrequent procedures of science subjects (2015) ISBN 978-81-924066-2-6
8. Editor of the book 'Challenges of Quality Assurance in Higher Education with special reference to North-Eastern Region' (2012) ISBN 978-81-924066-0-2
9. Author of the book 'Helai' (2011) - A reference book written in Assamese language on Algae.

Book Chapters

1. Rosni Jabin, Nitesh Das, Bhargov Mudhukailya and Farishta Yasmin, [2026], Influence of *Mikania micrantha* Kunth on fruit yield of Lemon Citrus limon (L.) Osbeck orchard. *Deep Science Publishing Vol. 1 1* ISBN: 978-93-7185-322-4 Page no: 1-7 . https://doi.org/10.70593/978-93-7185-068-1_1 <https://deepscienceresearch.com/dsr/catalog/book/537/chapter/1528>
2. **Farishta Yasmin** and Rosni Jabin (2024). Physiology of Lichen *In* Chemistry, Biology and Pharmacology of Lichen (Eds. A.). pp 71-77. John Wiley C Sons Ltd. Publication.

3. **Terangpi R.**, Jabin R., Basumatary D. and Yasmin F. (2025). Abortifacient potential and drug likeness of *Paederia foetida* L. A study among the Karbi tribe of Assam, North east India. In: HC Majumdar (Ed.); Biological Spectrum of Northeast India (Annual Bioscience Communication); Vol. V. ISBN: 978 93 48106 11 7.
4. Basumatary D., **Terangpi R.**, and Yasmin F (2024). Ethnomedicinal plants use in the treatment of malaria in Assam, Northeast India: A mini review. In: K Borah (Ed.); Horizon, a multidisciplinary Research Oriented Book, Mittal Publication, New Delhi. ISBN: 978-93-5999-578-6.
5. Reena Terangpi, Priyanka Kouli and **Farishta Yasmin** (2021). Plants species used in preparation of fermented foods of ethnic communities in Assam, Northeast India *In* Microbes-Fermented foods and Human Health *Ed* Dr. Mukta Sharma. ISBN 978-93-90627-15-8, Krishna Publication House Gujarat, India
6. **Farishta Yasmin** and Reena Terangpi (2021). Woman in dissemination of traditional knowledge of biomedicine with special reference to Karbi tribe *In* Interface: Language, Ecology C Gender in North East India *Ed.* Sabreen Ahmed. ISBN 978-9390746255. Exceller Books Publisher, Kolkata, India
7. Rupjyoti Gogoi, Sadiqul Islam, Chidananda Nath and **Farishta Yasmin** (2021). Floristic assessment of Lichens in Suang Reserve Forest of Nagaon district, Assam. *In* The Herbal Wealth of North Est India. Eds. B. Banik and M. Bhowmik. pp 66-71 EBH Publishers (India). ISBN 978-81-94747-51-2.
8. Jutika Borah, Rakhi Bhattacharyya and **Farishta Yasmin** (2021). Ethno-botanical uses of herbs by the inhabitants of Halowagaon of Puranigudam region, Nagaon district (Assam). *In* The Herbal Wealth of North Est India. Eds. B. Banik and M. Bhowmik. pp 85-92 EBH Publishers (India). ISBN 978-81-94747-51-2.
9. **Farishta Yasmin** (2019). Amar Poribekh aru Guta Aborjona. *In* Bidyarthir Sarathi Ed. B C Chutia pp 4-6 [ISBN 978-93-85310-62-1]
10. **Farishta Yasmin** (2019). Aquatic algae of Kaziranga National Park and their sustainability in nutrient management. *In* Biodiversity and its conservation: Issues and Cases Eds R Basumatary and S Ojah pp15-23[ISBN 978-81-940053-8-4]
11. Karishma Islam, Bhaswati Sarma and **Farishta Yasmin** (2019). Diversity and Socio-economic importance of macrophytes of Morikolongbeel, Nagaon, Assam *In* Bioresources for Sustaining Life and Livelihoods in North-East India Eds B C Chutia and F Yasmin pp 29-43 [ISBN 978-93-85310-48-5]
12. Reena Terangpi and **Farishta Yasmin** (2019) Quantitative ethnobotany of some medicinal plants utilized among indigenous people of Assam *In* Convergence Eds J C Kalita and S Chakraborty pp 157-163 [ISBN 978-93-88593-33-5]
13. **Farishta Yasmin** (2018) Lichen study in Nagaon district, Assam: Prospects and Challenges, Souvenir cum Abstract Book. Pp 18 C 19 Indian Lichenological Society, Lucknow
14. **F. Yasmin** (2016) Algal Diversity of Assam *In* A Glimpse of Biodiversity in India. Eds D. Konwar and P. Kalita. pp 14-18, S K Book Agency, New Delhi. [ISBN 978-93-8315]
15. **F. Yasmin and S Sultana** (2015) An Approach to Dynamism of Biological Science Curriculum through the Application of Basic Tools and Techniques *In* Biological Science Education (Expansion and Issues in North East India) Eds K K Medhi and F Yasmin pp79-82 [ISBN 978-81-924066-1-9]

16. B K Bhuyan, F. Yasmin and S. Borkataki (2015) The Role of Institutional Level Biotech Hub, DBT, GOI, in Effective Curriculum transaction in Biological Science Education - A Case Study on the Functioning of Institutional Biotech Hub, Nowgong College, Assam *In Biological Science Education (Expansion and Issues in North East India)* Eds K KMedhi and F Yasmin pp 229 - 240 [ISBN 978-81-924066-1-9]
17. F. Yasmin (2015) Basal area/ Basal cover of the Herbaceous plants *In Spectrum* Eds B K Bhuyan and F Yasmin pp 56-59 [ISBN 978-81-924066-2-6]
18. F. Yasmin (2015) Counting of Pollen Grain in Honey Sample *In Spectrum* Eds B K Bhuyan and F Yasmin pp 113-116 [ISBN 978-81-924066-2-6] 2015
19. M P Choudhury, F Yasmin and M Sarma (2015) Lichens of Ancient Historical Remains of Bamuni Hills, Tezpur, Assam *In Bioreview* Eds J C Saikia and M Baruah pp 57-62 [ISBN 978-93-84679-5-7] 2015
20. Biodiversity (Booklet No 4): A series of Activity Manuals for Vigyan Prasar of the department of Science and Technology, Govt. of India. March 2014
21. B K Bhuyan and F Yasmin (2012). Quality Enhancement in Higher Education C Research: An Appraisal of Different Funding Agencies in India with special reference to North-Eastern Region *in Proceedings of National Seminar on Challenges of Quality Assurance in Higher Education with special reference to North-Eastern Region.* ISBN 978-81-924066-0-2 pp 147-159.
22. S Borkataki, K KMedhi and F Yasmin (2012). A Case Study on the significance of Print Materials in Distance Learning *in Proceedings of National Seminar on Challenges of Quality Assurance in Higher Education with special reference to North-Eastern Region.* ISBN 978-81-924066-0-2 pp 223-227.
23. F. Yasmin (2008) Molecular approach in diversity studies of Microalgae and its prospects in N E India *In Recent Advances in Microbial Biotechnology C Molecular Biology* Edited by K Srivastava C SSK Singh
24. J. Talukder, M.C. Kalita, B.C. Goswami CF. Yasmin (2008). Prospects of Microalgae of North East India for Biodiesel Production *In e-Proceeding of Algae Biofuel Summit, New Delhi, India from 17th to 19th September 2008*

Oral Presentations

Authors	Title of the paper	Name of Attended program	Year	
F. Yasmin	Citizen's perception and participation in e-waste management in North-East India	(Invited Talk)		l k)
F. Yasmin	E-wastes - The emerging threats (Invited Talk)		F. Yasmin	A note A l g a e
F. Yasmin	E-waste and Our Future (Invited Talk)			
F. Yasmin	E-waste and their management	Talk		o f

North Eastern Region of India

International Conference on Mercury as Global Pollutant from 21st - 26th July, 2024 at Cap Town, South Africa 2024

State workshop on Solid-Waste Management on 26th June 2024 organised by Dhing College

State workshop on Solid-Waste Management on 21st May 2024 organised by Anandram Dhekial Phukan College 2024

State workshop on Solid-Waste Management 15th May 2024 organised by Nowgong College (Autonomous) 2024

National Conference on Algae: Food, Feed, Fuels and Fine Chemicals - ICA-F⁴ 23, 6th -8th September, 2023 at 2023

	(Invited Plenary Lecture)	Bharathidasan University, Tiruchirappalli, Tamil Nadu	
F. Yasmin	Fascinating World of Lichen C its prospects in Research (Invited Lecture)	Biswa Bangla Genome Center of North Bengal University, West Bengal for an invited talk on 'Lichen' 25 th August 2023	2023
F. Yasmin	Emerging Algal Research and IPR. (Resource Person)	Intellectual Property Rights and Biodiversity Workshop Patent information Centre, Sikkim State Council of Science and Technology, 23 rd August, 2023	2023
F. Yasmin	Orchids of N E India - Importance and Conservation	Invited Lecture in State Level workshop at Morigaon College on 6 th April 2023.	2023
Rosni Jabin, Rajashree Deka, F. Yasmin	Bioprospection of Lichens Concerning Human welfare	DST Sponsored National Seminar on "Recent Advances in Biological Sciences: Biodiversity and Human welfare" held from 18 th to 19 th November, 2022 at Darrang College, Tezpur Assam, India	2022
F. Yasmin	Environment - Once more Poribekh - Akau Ebaar (Invited Lecture)	On the occasion of Green Morigaon Award organized by Antiglobal Warming Society on 27 th February 2021.	2021
F. Yasmin	The fascinating world of Lichen (Invited Lecture)	Bholanath College, Dhubri, Assam on 3 rd November 2020	2020
F. Yasmin	Freshwater Red Algae of Champawati Kunda, Chapanalla, Assam, India	International Conference on Plant Science at Gauhati University Assam from 4 th -6 th February 2019 - Presenter	2019
Reena Terangpi, F. Yasmin	Traditional use of medicinal plants in abortification in Karbi angling district, Assam.	International Conference on Climate Change, Biodiversity and Sustainable Agriculture at AAU, Jorhat from 13 th -16 th December 2018	2018
Juri Chetia, F. Yasmin, Nirmali Gogoi	Heavy metal impact on physiological health of lichen.	International Conference on Climate Change, Biodiversity and Sustainable Agriculture at AAU, Jorhat from 13 th -16 th December 2018	2018

O. Necchi Jr., J. A. West, E. K. Ganesan and F. Yasmin	Molecular and Morphological Characterizations of <i>Kumanoata bagatenensis</i> from the Northeast Biodiversity Hotspot of Assam: New addition to freshwater red algal flora of India	National Conference on Biodiversity, Biology, Biotechnology and Nanobiotechnology of Algae at MCC Chennai from 20 th -22 nd September 2018 (Presenter)	2018
F. Yasmin, S. Gurung and B C Basistha	Floristic study on freshwater algae from sacred lakes of Dzongu, North Sikkim, India	National Conference on Biodiversity, Biology, Biotechnology and Nanobiotechnology of Algae at MCC Chennai from 20 th -22 nd September 2018 (Presenter)	2018
F. Yasmin	Lichen study in Nagaon district, Assam - Prospects and Challenges. (Invited Lecture)	National Conference on Current Development and Next Generation Lichenologists at NBRI Lucknow on 27 th C 28 th January 2018	2018
F. Yasmin, B C Chutia, C Nath, S Sultana and S. Borkataki	Foliar constituents of <i>Terminalia arjuna</i> (Family Combretaceae): An alternate Host Plant of Wild Temperate Tasar Silkworm, <i>Antheraea frithi</i> , Moore	Tropical Ecology Congress 2014 10 th - 12 th December 2014 at JNU, New Delhi - Presenter	2014
F. Yasmin	Algae as Fish Food - Nutritional Status and Culture Practices (Resource Person)	Workshop cum Training programme on Aquarium Making and Ornamental Fish Culture from 27 th - 29 th October 2014 at Matchyagandha Ornamental Fish Farm, Nagaon, Assam	2014
Manas P. Choudhury, F Yasmin, M Sarma	Lichens of Ancient Historical Remains of Bamuni Hills, Tezpur, Assam	UGC sponsored National Seminar on Conservation of Biodiversity, National Perspective and Sustainable Development at Morigaon College, Assam on 27 th C 28 th June 2014 -Presenter	2014
F Yasmin	Basic Molecular Technique - DNA Isolation [As Resource Person]	Workshop on Basics of Biotechnology on 13 th C 14 th February 2014 at ADP College, Assam	2014
K K Medhi, B B Buragohain,	<i>Eichhornia crassipes</i> : A Harbour for Algal Periphyton	International Conference on Harnessing Natural Resources for Sustainable Development: Global Trends at Cotton College from	2014

S Borkataki and F Yasmin		19 th to 31 st January 2014 - Presenter	
F Yasmin, B BBuragohai n and S Sultana	An Approach to Dynamism of Biological Science Curriculum through the Application of Basic Tools and Techniques of Biology	UGC sponsored National Conference on Sustainable Quality of Biological Science Education at Nowgong College on 9 th C 10 th December 2013 - Presenter	2013
F Yasmin, B K Bhuyan and S Borkataki	Functioning of Institutional Level Biotech Hub, DBT, GOI in Effective Curriculum Transection in Biological Science Education - A Case study of Nowgong College, Assam in Post Re- accreditation period	UGC sponsored National Conference on Sustainable Quality of Biological Science Education at Nowgong College on 9 th C 10 th December 2013 - Presenter	2013
Farishta Yasmin	Molecular Technique - DNA Isolation	Workshop on Molecular Biology Technique at Science and Technology Centre, Gangtok, Sikkim on 20 th September - Resource Person	2013
Farishta Yasmin	Need of user-friendly approach for optimum use of digital library in colleges of Assam	National Conference on Developing Digital Libraries for the Colleges of Assam 17-19 March 2013, Nowgong College - Presenter	2013
Farishta Yasmin	Algal Diversity	National Seminar on Biodiversity of North East India at Science and Technology Centre, Gangtok, Sikkim on 22 nd September - Resource Person	2012
Balin Kumar Bhuyan C Farishta Yasmin	Quality enhancement in Higher Education C Research: An appraisal of different funding agencies in India with special reference to North-Eastern Region	National Seminar on Challenges of Quality Assurance in Higher Education with special reference to North-Eastern Region at Nowgong College, Assam on 25 th C 26 th July 2012 - Presenter	2012
Sarat Borkataki, KrishnaKant aMedhiCFari shtaYasmin	A Case study on the significance of Print materials in Distance Learning.	National Seminar on Challenges of Quality Assurance in Higher Education with special reference to North-Eastern Region at Nowgong College, Assam on	2012

		25 th C 26 th July 2012 - Presenter	
F Yasmin, B BBuragohai nC L J Borthakur	A study on the effect of polypyrrole-silver nanocomposite particle on the growth and development of algae	International Conference on Science, Society and Sustainability at Lady Doak College, Madurai, Tamil Nadu from 11 th -13 th January 2012 Presenter	2012
Farishta Yasmin	Nature's perfect super food - Aphanizomenon flos-aqua	State level Conference on Medicinal Plants at Dhing College, Assam on 26 th November 2011 - Presenter	2011
F Yasmin and B BBuragohai n	Biomonitoring of Pollution by Microalgae Community in Aquatic System with Special Reference to Water Quality of River Kolong, Nagaon	International Seminar on 'River, Society and Sustainable Development'. Dibrugarh University 26-29 May 2011 - Presenter	2011
F Yasmin and B BBuragohai n	Seasonal distribution pattern of algal diversity of Kolong River, Assam	National Seminar on Plant Resource Management and Conservation strategies of NE India. Cotton College 18 th C 19 th Feb 2011 - Presenter	2011
F.Yasmin, B BBuragohai nC M Dasgupta	Freshwater algae of Assam - Diversity C Prospects	National Seminar on Bioresource, Habitat threats, Conservation Strategies and Sustainable development. Hojai College, Assam 10 th C 11 th Nov 2010 - Presenter	2010
Farishta Yasmin	Algal Diversity of Assam, India	Invited lecture International Workshop on Taxonomy of Algae at Durham University, United Kingdom from 4 th July to 9 th July 2010	2010
J. Talukder, M.C. Kalita, B.C. Goswami C	Isolation and growth study of a few selected microalgae of Assam and quantification of their total lipid contents	International Conference on Algal Biomass - Resources and Utilization, Institute of Algology, Chennai, India.	2009
F. Yasmin		27 th - 30 th July 2009 - Presenter	
K K Medhi C F Yasmin	The Richness of Biodiversity in Charan Beel and future prospects of sustainable utilization of its bioresources	National Seminar on Bioresources of N E India, Nowgong College 2 nd C 3 rd January 2009 - Presenter	2009
F YasminC	Edible fruit plant diversity in	National Seminar on	2009

K K Medhi	NagaonTown with special reference to their nutritional value and conservation	Bioresources of N E India, Nowgong College 2 nd C 3 rd January 2009 - Presenter	
J. Talukder, M.C. Kalita, CF. Yasmin	Photobiological Hydrogen Production by Microalgae: A Renewable source of Alternative Energy	National Seminar on Green Chemistry for Sustainable Future of Humanity, ADP College 19 th C 20 th October 2008 - Presenter	2008
F Yasmin	Molecular approach in diversity studies of Microalgae and its prospects in N E India	Workshop cum Training Programme in North Eastern Regional Institute of Science C Technology, India from 6 th -10 th October 2008 - Presenter	2008
J. Talukder, M.C. Kalita, B.C. Goswami C F. Yasmin	Biodiesel production from fresh water microalga - The Indian perspective	National Conference on Current Trends in Algal Biodiversity in Biotechnology at University of Madras, Channai on 7 th C 8 th February 2008 -Presenter	2008
K. K. MedhiC F. Yasmin	Ecological significance and Socio-economic impact of Charanbeel of Morigaon District, Assam	National seminar on Wetland Management and sustainable development at Morigaon College, Morigaon, Assam, on 30 th - 31st October, 2007 - Presenter	2007
S. BorkatakiC F. Yasmin	A study of Ethno Medicinal plants used against Snakebite in Nagaon district by Karbi Tribes of Assam	National seminar on Exploring North-East India for sustainable development at Nagaon Girls' College, Assam on 28 th - 29 th September, 2007 - Presenter	2007
N. Bhattachary ya C F. Yasmin	Algae removal - a novel ecofriendly approach in reducing malarial incidences	National seminar on Communicable diseases in North-East India with emphasis on HIV/AIDS and Malaria at Dhing College, Dhing, Assam, on 24 th - 25 th August, 2007 - Presenter	2007
M. C. KalitaCF.Yas min	Mass production of BGA in Natural Environment and Preparation of Paper based immobilized inoculum in Morigaon District, Assam.	International Conference on Current Trends in Algal Bioresource Utilization at Assam University from 4 th to 6 th December, 2006 - Presenter	2006
R. Baruah;	Effect of different nutrient formulations on Biomass	Annual Conference of Microbiologist of India at	2005

F Yasmin; N. Ray; S. R. Goswami	production of <i>Azolla caroliniana</i> .	Osmania University, Hyderabad from 8 th to 10 th December, 2005 - Presenter	
F. Yasmin C M. C. Kalita	Distribution of Blue Green Algae from paddy fields in Morigaon District, Assam	National seminar on Biodiversity Conservation and Future Concern at Department of Biotechnology, Gauhati University from June 17 th to 18 th 2005 - Presenter	2005
F. Yasmin C S. K. Dutta	Environmental Degradation of Rice field by the effluent of Nagaon Paper Mill, Jagiroad, Assam	National seminar on Impact of Increasing Human Population on Natural Resources at Department of Botany, Banaras Hindu University from 16 th - 18 th October, 2003 - Presenter	2003
F. Yasmin; M. C. Kalita; R. Baruah; S. U. Ahmed	Effect of different organic sources on BGA multiplication under Natural Environment	National Symposium on Cyanobacteria and Plants under Environmental stress: Responses, Defence strategies and Biotechnological prospects at Department of Botany, Banaras Hindu University from 25 th to 27 th February, 2003 - Presenter	2003
F Yasmin	Cyanobacteria of Rice fields of Morigaon District, Assam	Refreshers' Course in Vistas of Plant Sciences at North Bengal University, West Bengal- Presenter from 2 nd - 23 rd December 2002	2002
F. Yasmin	BGA-The biofertilizer of Rice field	Orientation Course at Banaras Hindu University from 10 th Oct to 6 th Nov 2000- Presenter	2000

Outreach Activities

Radio Talk

E-aborjonar bhoyabohota aru nishkakhonor kisu sinta, Bijyan Prabah, Radio -102.7 MHz, 22nd July 2024

Newspaper

- Biswa poribekh produkhor homoshya aru antohrastriyo baigyanik honmilonor bhumika. Dainik Janambhumi (An Assamese Daily Newspaper). September 12, 2024
- Noihorgik Hubha aru Porashyoyi Udvid. Dainik Janambhumi (An Assamese Daily Newspaper). July 29, 2024

- SQ, EQ aru Bharatiyo Orthoniti: Dokhyota Adharito Hikhya. Dainik Janambhumi (An Assamese Daily Newspaper). November 9, 2023
- Bidekhot axomor jubak jubati - News Paper Culumn - in AMAR NAGAON, Weekly News Paper.

Science (e-) magazines

- Lichenology BioNE Issue 5, ISSN 2456-7264
- Dealing with e-waste. BioNE Issue 8, ISSN 2456-7264
- Assamese article on Lichen (Lichen - ga gosor boga sekurabur) Bijnan Jeuti Vol 55 Issue 2 (2020) ISSN 2319-3085
- Assamese article on Urban Gardening (Nagar Uddan ba Bagisa) Bijnan Jeuti Vol 56 Issue 2 (2021) ISSN 2319-3085

College Magazine

- Kolongor pora Mohahagoroloi - An interview with Dr. Jagannath Biswakarma, Eminent Scientist, University of Bristol, UK. Year 2022-23 pp 155-157
- Lichen: Ebidh Byotikromi Udvid, Year 2021-22 pp 119-121
- *Cycas revoluta* - Eti Porichoy, Year 2012-13 pp 35 C 36
- Ekajoli Onubhav - Year 2011-12 pp 81-85