

Dr. Farishta Yasmin

Associate Professor, Department of Botany
Nagaon University, Assam
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Google Scholar Citations: 241; h-index=9

Academic Qualifications

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

PG Diploma in Ecology and Environment. IIEE New Delhi (1994)

B.Ed. Gauhati University, Assam (1994)

M.Sc. in Botany (Plant Ecology) Gauhati University, Assam (1992)

B.Sc. in Botany Gauhati University, Assam (1990)

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

- **Phycology and Lichenology**
 - **Environmental Research:** Cryptogamic flora of Brahmaputra valley, application of algae in environmental sustainability.
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Teaching Experience (25 years)

- **Undergraduate:** Microbiology, Plant Ecology, Environmental Science, Horticulture
 - **Postgraduate:** Phycology, Paleobotany, Environmental Ethics, Education
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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 & 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 |

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 & 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 & Training

- **Online 4 credit course** on Intellectual Property, Swayam (July – December, 2024)
 - **Short-term course on Remote Sensing & GIS Applications**, NESAC, Meghalaya (2019)
 - **Workshop on Molecular Systematics of Lichens**, CSIR-NBRI, Lucknow (2018)
 - **STEM Teacher Training on Pedagogical Tools**, Central University, Tezpur (2017)
 - **Training on Lichen Taxonomy**, CSIR-NBRI, Lucknow (2015)
 - **Training course on Gene Cloning, Protein Biochemistry, Structural Biology & Bioinformatics**, ACTREC, Navi Mumbai (2015)
 - **Training on Freshwater Algal Identification**, Durham University, UK (2010)
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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)

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)

Research Outcome

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

List of Publications

Research Paper

1. Farishta Yasmin (April, 2026). Photocatalytic degradation of synthetic organic dyes by algae mediated iron-based hydronium jarosite nanoparticles (AFeNPs). *Journal of Water Process Engineering*. <https://doi.org/10.1016/j.jwpe.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](https://doi.org/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](https://doi.org/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](https://doi.org/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/upjoz/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. & 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 (1&2). 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 & 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. **Farishta Yasmin** and Rosni Jabin (2024). Physiology of Lichen *In* Chemistry, Biology and Pharmacology of Lichen (Eds. A.). pp 71-77. John Wiley & Sons Ltd. Publication.

2. 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
3. **Farishta Yasmin** and Reena Terangpi (2021). Woman in dissemination of traditional knowledge of biomedicine with special reference to Karbi tribe *In* Interface: Language, Ecology & Gender in North East India *Ed*. Sabreen Ahmed. ISBN 978-9390746255. Exceller Books Publisher, Kolkata, India
4. 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.
5. 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.
6. **Farishta Yasmin** (2019). Amar Poribekh aru Guta Aborjona. *In* Bidyarthir Sarathi Ed. B C Chutia pp 4-6 [ISBN 978-93-85310-62-1]
7. **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 Basuamatary and S Ojah pp15-23[ISBN 978-81-940053-8-4]
8. 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]
9. 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]
10. **Farishta Yasmin** (2018) Lichen study in Nagaon district, Assam: Prospects and Challenges, Souvenir cum Abstract Book. Pp 18 & 19 Indian Lichenological Society, Lucknow
11. **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]
12. **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]
13. 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 K Medhi and F Yasmin pp 229 - 240 [ISBN 978-81-924066-1-9]
14. **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]
15. **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

16. M P Choudhury, **F Yasmin** and M Sarma (2015) Lichens of Ancient Historical Remains of Bamuni Hills, Tezpur, Assam *In* BioreviewEds J C Saikia and M Baruah pp57-62 [ISBN 978-93-84679-5-7] 2015
17. Biodiversity (Booklet No 4): A series of Activity Manuals for Vigyan Prasar of the department of Science and Technology, Govt. of India. March 2014
18. B K Bhuyan and F Yasmin (2012). Quality Enhancement in Higher Education & 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.
19. 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.
20. F. Yasmin (2008) Molecular approach in diversity studies of Microalgae and its prospects in N E India *In* Recent Advances in Microbial Biotechnology & Molecular Biology Edited by K Srivastava & SSK Singh
21. J. Talukder, M.C. Kalita, B.C. Goswami &F. 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 | International Conference on Mercury as Global Pollutant from 21 st – 26 th July, 2024 at Cap Town, South Africa | 2024 |
| F. Yasmin | E-wastes – The emerging threats (Invited Talk) | State workshop on Solid-Waste Management on 26 th June 2024 organised by Dhing College | |
| F.Yasmin | E-waste and Our Future (Invited Talk) | State workshop on Solid-Waste Management on 21 st May 2024 organised by Anandram Dhekial Phukan College | 2024 |
| F. Yasmin | E-waste and their management (Invited Talk) | State workshop on Solid-Waste Management 15 th May 2024 organised by Nowgong College (Autonomous) | 2024 |
| F. Yasmin | A note on Freshwater Red Algae of North Eastern Region of India | National Conference on Algae: Food, Feed, Fuels and Fine Chemicals – ICA-F ⁴ 23, 6 th -8 th September, 2023 at | 2023 |

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| | (Invited Plenary Lecture) | Bharathidasan University, Tiruchirappalli, Tamil Nadu | |
| F. Yasmin | Fascinating World of Lichen & 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 |

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| 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 & 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 & 28 th June 2014 -Presenter | 2014 |
| F Yasmin | Basic Molecular Technique – DNA Isolation [As Resource Person] | Workshop on Basics of Biotechnology on 13 th & 14 th February 2014 at ADP College, Assam | 2014 |
| K KMedhi, 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 |

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| 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 & 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 & 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 & Farishta Yasmin | Quality enhancement in Higher Education & 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 & 26 th July 2012 - Presenter | 2012 |
| Sarat Borkataki, KrishnaKant aMedhi&Fari 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 |

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| | | 25 th & 26 th July 2012 - Presenter | |
| F Yasmin, B BBuragohai n& 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 – Aphanizomenonflos-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 & 19 th Feb 2011 - Presenter | 2011 |
| F.Yasmin, B BBuragohai n& M Dasgupta | Freshwater algae of Assam – Diversity & Prospects | National Seminar on Bioresource, Habitat threats, Conservation Strategies and Sustainable development. Hojai College, Assam 10 th &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 & | 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 & F Yasmin | The Richness of Biodiversity in CharanBeel and future prospects of sustainable utilization of its bioresources | National Seminar on Bioresources of N E India, Nowgong College 2 nd & 3 rd January 2009 - Presenter | 2009 |
| F Yasmin& | Edible fruit plant diversity in | National Seminar on | 2009 |

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| K K Medhi | NagaonTown with special reference to their nutritional value and conservation | Bioresources of N E India, Nowgong College 2 nd & 3 rd January 2009 - Presenter | |
| J. Talukder, M.C. Kalita, &F. 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 & 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 & Technology, India from 6 th –10 th October 2008 - Presenter | 2008 |
| J. Talukder, M.C. Kalita, B.C. Goswami & 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, Chennai on 7 th & 8 th February 2008 -Presenter | 2008 |
| K. K. Medhi& 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. Borkataki& 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. Bhattacharyya & 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. Kalita&F.Yasmin | 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 |

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| 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 & 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 & 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 & 36
- Ekajoli Onubhav – Year 2011-12 pp 81-85