

# Curriculum Vitae

## Dr. Farishta Yasmin

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**Life Membership Number of Indian Lichenological Society: 078 dated 24/07/2015**

Google Scholar Citations: 153; h-index=8

### Academic Qualifications

Ph.D. in Biotechnology, *Gauhati University, Assam (2004)* on **Biofertilizer Potential and Mass Production of a few Blue Green Algae (Cyanobacteria) of Morigaon District, Assam**

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

B.Ed. *Gauhati University, Assam (1994)*

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

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

### Current Position/Roles

- Associate Professor, Department of Botany, Nowgong College, Assam
- Ph.D. Research Guide:
  - 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.

### 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

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### Research Interests

- **Phycology and Lichenology**
- **Environmental Research:** Cryptogamic flora of Brahmaputra valley, application of algae and Lichen as in environmental sustainability and as bioresources.

## Teaching (25 years)

- **Undergraduate:** Microbiology, Plant Ecology, Environmental Science, **Lichens**
- **Postgraduate:** Phycology, **Lichens**, Paleobotany, Environmental Ethics, Education

## Administrative Roles

- 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

## Research Grants

Title	Agency	Duration	Amount (INR Lakhs)
<b>1. Exploration of algae for natural dye with reference to application in textile fabrics</b>	DBT, Govt. of India	2023–2026	57.8
<b>2. Algal flora from different habitats of central Assam and conservation of collected strains</b>	Ministry of Environment & Forests	2009–2012	17.13
<b>3. Documentation of Lichen Flora of Nagaon District, Assam</b>	University Grants Commission	2016-2018	3.60
4. 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
<b>5. Collection, Characterization and Screening of Biodiesel potential of micro algae of Assam</b>	Defense Research Laboratory, Tezpur Assam	2007-2008	4.98
<b>6. Evaluation of biofertilizer potentiality of a few nitrogen fixing Cyanobacteria of Morigaon District, Assam</b>	University Grants Commission, New Delhi	2001-2003	0.50

## Initiatives to established facility at the institution

1. Role as Coordinator and PI in the establishment of Institutional Advanced Level Biotech Hub of DBT, Govt. of India in 2010
2. Establishment of **Phycology Laboratory** through Major Research Project of Ministry of Environment and Forest, Govt. of India in 2009

- Establishment of **Lichenology Laboratory** through Scheme of Biotech Hub, DBT, Govt. of India 2014

### Ph.D. Supervision

- Rupjyoti Gogoi (2023), Thesis: *Taxonomic Studies of Lichen Flora of Nagaon District, Assam*, Gauhati University, Assam
- Banti Buragohain (2016), Thesis: *Studies on algal diversity in different aquatic habitats of Nagaon District, Assam*, Gauhati University, Assam
- Currently Supervising: 1 Ph.D. student – Rosni Jabin on **Application of Lichens in fertility study** among other three.

### Master's Supervision

2018	A study on the diversity and distribution of the lichen flora of Pakhimoria development block, Nagaon, Assam	Shaswatee Bhattacharjee	030704 of 2013-14 Gauhati University
2018	A study on corticolous lichen diversity & their distribution in Howraghat development block of East Karbi-Anglong district	Abhijit Borah	030030 of 2013-14 Gauhati University
2017	Study on Vegetation of Lichens in Suang Reserve Forest of Nagaon District, Assam	Samiran Sahu	041439 of 2015-16 Gauhati University
2017	Study on heavy metal accumulation in Lignicolous lichens growing in Loongsoong Tea Estate, Nagaon, Assam	Barsa Banik	075186 of 2012-13 Gauhati University
2017	Study of heavy metal accumulation in lignicolous lichens in vicinity of Cement Factory, Bokajan, KarbiAnglong, Assam	Neetu Baglary	075237 of 2012-13 Gauhati University

### Awards & Honours

- ICMGP-2024 Travel Grant, South Africa (2024)
- Late Dulal Chandra Goswami Memorial Research Award (2023)**
- Academic Councillor, Indira Gandhi National Open University
- 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

### Memberships

- Life Member, UNESCO Association
- Fellow, International Society for Natural Resources
- Life Member, Lichenological Society of India since 2015**
- Life Member, Botanical Society of Assam
- Life Member, Science Society of Assam
- Life Member, North East Biotechnological Association
- Life Member, International Society of Environmental Botanists

## Selected Workshops & Training

- Online 4 credit course on Intellectual Property, Swayam (July – December, 2024)
- Short-term course on Remote Sensing & GIS Applications, NESAC, (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, CSRI-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)**
- **The Training on Blue Green Algae** at Indian Agricultural Research Institute, New Delhi, India from 18<sup>th</sup> April - 8<sup>th</sup> May 2009.
- **The Workshop on Taxonomy of Algae** at University of Madras, Chennai, India from 22<sup>nd</sup> - 28<sup>th</sup> February, 2007.
- The Human Resource Development Training Course on **Biofertilizer Technology for Rice based cropping system** at Tamil Nadu Agricultural University, Tamil Nadu, India from 22<sup>nd</sup> August to 11<sup>th</sup> September, 2003.
- The Training course in **Blue Green Algae & Azolla Biofertilizer for Rice** at Indian Agricultural Research Institute, New Delhi, India from 25<sup>th</sup> to 31<sup>st</sup> May, 2001

## 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 – 7 Nos. on Algae and 6 Nos. on Lichen

1. 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
2. Shyamalee Patar, Rishi Mittal, Farishta Yasmin, Balin Kumar Bhuyan, Lakhya Jyoti Borthakur (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
3. Reena Terangpi, Rosni Jabin, Dwimu Basumatary and Farishta Yasmin (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

4. 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
5. 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
6. 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.
7. 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
8. 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
9. 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
10. 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
11. 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
12. 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
13. 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>
14. 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
15. 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
  16. 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 – 4 Nos. on Lichen and 4 Nos. on Algae**

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 Bioreview* Eds 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 Prasara 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 17<sup>th</sup> to 19<sup>th</sup> 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 <sup>st</sup> – 26 <sup>th</sup> 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 <sup>th</sup> June 2024 organised by Dhing College	
F. Yasmin	E-waste and Our Future (Invited Talk)	State workshop on Solid-Waste Management on 21 <sup>st</sup> 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 <sup>th</sup> May 2024 organised by Nowgong College (Autonomous)	2024
F. Yasmin	<b>A note on Freshwater Red Algae of North Eastern Region of India</b> (Invited Plenary Lecture)	<b>National Conference on Algae: Food, Feed, Fuels and Fine Chemicals – ICA-F<sup>4</sup> 23, 6<sup>th</sup> -8<sup>th</sup> September, 2023 at Bharathidasan University, Tiruchirappalli, Tamil Nadu</b>	<b>2023</b>
F. Yasmin	<b>Fascinating World of Lichen &amp; its prospects in Research</b> (Invited Lecture)	<b>Biswa Bangla Genome Center of North Bengal University, West Bengal for an invited talk on 'Lichen' 25<sup>th</sup> August 2023</b>	<b>2023</b>
F. Yasmin	<b>Emerging Algal Research</b>	<b>Intellectual Property Rights and Biodiversity Workshop</b>	<b>2023</b>

	<b>and IPR. (Resource Person)</b>	<b>Patent information Centre, Sikkim State Council of Science and Technology, 23<sup>rd</sup> August, 2023</b>	
F. Yasmin	Orchids of N E India – Importance and Conservation	Invited Lecture in State Level workshop at Morigaon College on 6 <sup>th</sup> April 2023.	2023
<b>Rosni Jabin, Rajashree Deka, F. Yasmin</b>	<b>Bioprospection of Lichens Concerning Human welfare</b>	<b>DST Sponsored National Seminar on “Recent Advances in Biological Sciences: Biodiversity and Human welfare” held from 18<sup>th</sup> to 19<sup>th</sup> November, 2022 at Darrang College, Tezpur Assam, India</b>	<b>2022</b>
F. Yasmin	Environment – Once more Poribekh – Akau Ebaar  (Invited Lecture)	On the occasion of Green Morigaon Award organized by Antiglobal Warming Society on 27 <sup>th</sup> February 2021.	2021
<b>F. Yasmin</b>	<b>The fascinating world of Lichen  (Invited Lecture)</b>	<b>Bholanath College, Dhubri, Assam on 3<sup>rd</sup> November 2020</b>	<b>2020</b>
<b>F. Yasmin</b>	<b>Freshwater Red Algae of Champawati Kunda, Chapanalla, Assam, India</b>	<b>International Conference on Plant Science at Gauhati University Assam from 4<sup>th</sup>-6<sup>th</sup> February 2019 - Presenter</b>	<b>2019</b>
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 <sup>th</sup> -16 <sup>th</sup> December 2018	2018
<b>Juri Chetia, F. Yasmin,  Nirmali Gogoi</b>	<b>Heavy metal impact on physiological health of lichen.</b>	<b>International Conference on Climate Change, Biodiversity and Sustainable Agriculture at AAU, Jorhat from 13<sup>th</sup> -16<sup>th</sup> December 2018</b>	<b>2018</b>
<b>O. Necchi Jr., J. A. West, E. K. Ganesan and F.</b>	<b>Molecular and Morpholoical Characterizations of <i>Kumanoata bagatenensis</i> from the Northeast Biodiversity Hotspot of Assam: New addition to</b>	<b>National Conference on Biodiversity, Biology, Biotechnology and Nanobiotechnology of Algae at MCC Chennai from 20<sup>th</sup>-22<sup>nd</sup></b>	<b>2018</b>

Yasmin	freshwater red algal flora of India	September 2018 (Presenter)	
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 <sup>th</sup> -22 <sup>nd</sup> 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 <sup>th</sup> & 28 <sup>th</sup> 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 <sup>th</sup> – 12 <sup>th</sup> 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 <sup>th</sup> – 29 <sup>th</sup> 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 <sup>th</sup> & 28 <sup>th</sup> June 2014 -Presenter	2014
F Yasmin	Basic Molecular Technique – DNA Isolation  [As Resource Person]	Workshop on Basics of Biotechnology on 13 <sup>th</sup> & 14 <sup>th</sup> February 2014 at ADP College, Assam	2014

## **As Organiser for Dissemination of Knowledge of Algae and Lichen**

- 1. National Webinar** on Marvels of Nature -Non-flowering Plants: Diversity and Research on 20<sup>th</sup> August **2020**. The Webinar addresses **Algae, Lichen** & Bryophytes.
- 2. Workshop** on Cryptogamic Flora on 7<sup>th</sup> & 8<sup>th</sup> November **2017** for 39 participants of UG & PG courses. The Workshop had theory & practical session each.
- 3. Hands-on-Training** on Lichen on 13<sup>th</sup> & 14<sup>th</sup> October **2014** for 35 participants of UG & PG courses.

## **As writer to popularize lichen among people**

### **Popular Articles – (English & Vernacular language)**

#### **Science (e-) magazines**

- **Lichenology** BioNE Issue 5, ISSN 2456-7264 (2017)
- **Assamese article on Lichen (Lichen–ga gosor boga sekurabur)** Bijnan Jeuti Vol 55 Issue 2 (2020) ISSN 2319-3085

#### **College Magazine**

- **Assamese article on Lichen (Lichen: Ebidh Byotikromi Udvid)**, Year 2021-22 pp 119-121

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