

Personal profile

Name: **Dr. Juli Gogoi**

Designation: **Assistant Preofessor**

Institute: **Majuli College, Kamalabari, Majuli, Assam**

Department: **Botany**

Educational Qualification: **M.Sc., Ph.D., SLET**

Email: juliegogoip@gmail.com

Fathers name: **Mr. Deva Kumar Gogoi**

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Academic information-

Doctor of Philosophy- Dept. of Biotechnology, Gauhati University on “Study of Biochemical and Related Parameters of some Coalmine Wasteland Tolerant Plant Species and Assessment of Their Phytoremediation Efficacy”, May,2012.

Master of Science- Botany, Gauhati University, Specialization- Plant Physiology & Biochemistry

Batchelor of Science -Botany, Dibrugarh University, Assam, India

Computer Knowledge :

Certificate in Computer Programming (MS-DOS, Word processing, Windows, MS- Word, MS- Excel, MS- Power Point, Adobe PageMaker, Adobe Photoshop and Internet).

Publications :

Book published

1. Deka Boruah H.P., Handique A.K., **Gogoi J.**, “Eco-restoration of high sulphur coalmine overburden wasteland, A case study report on North East India” LAP Lambert Academic Publishing GmbH & Co. KG.

Book Chapter published-

1. **Gogoi J.**, (2020) “Opencast coalmining and Its Impact on the Environment with Special Reference to North East India, Kimadhikamati. Majuli College Publication Division. pp.138-147.
2. Juli Gogoi., H.P. Dekaboruah., Md. Aminul Islam and Indira Borah (2022) “Amelioration of acid mine drainage effect on seedlings of *Sesbania rostrata*”, Recent Trends in Biological Research. published by A.M. Publication, Guwahati. pp.93-106.

Research articles-

1. Deka Boruah H. P., Rabha B. K., Pathak N., **Gogoi J.**, (2008) “Non-uniform, patchy stomatal closure of a plant is a strong determinant of plant growth under stressful situation”. Current Science, 94, 1310-1314.
2. Dowarah J., Deka Boruah H.P., **Gogoi J.**, Pathak N., Saikia N., Handique A.K., (2009) “Eco-restoration of a high-sulphur coal mine overburden dumping site in northeast India: A case study”. J. Earth Syst. Sci.118, No 5, 597-608.
3. **Gogoi J.**, Pathak N., Duarah I., Deka Boruah H.P., Saikia N., Handique A.K., (2011) “Microbial activity in high-sulphur reclaimed coal mine overburden sites”. Soil and sediment contamination, 21, 42-50.

Proceedings-

1. **Gogoi J.**, Bora A., (2014) “Some ethno-medicinal plants of Assam used in tribal medicine: A review”. UGC Sponsored National Seminar. 99-103.
2. **Gogoi J.**, Pathak N., Saikia N., Deka Boruah H.P., Handique A.K., (2009) “Physiological response of *Sesbania rostrata* grown in mine overburden amended with different manure”. The 9th International Conference of The East and South Asia Federation of Soil Science Societies, 84-85.
3. Pathak N., **Gogoi J.**, Dowarah I., Deka Boruah H.P., Handique A.K., (2009) “Phytostabilization of high sulphur containing coalmine overburden dumps in rain fed ecosystem of Northeast India”. The 9th International Conference of The East and South Asia Federation of Soil Science Societies, 477.

4. Deka Boruah H.P., Saikia N., **Gogoi J.**, Pathak N., Handique A.K., (2008) “Eco-physiological analysis of varnacular plant species used for ecosystem recovery of coalmine overburden dumping site”. International Conf. On Biodiversity Environment and Sustainability: Challenges for Future, 105-111.
5. Pathak N., **Gogoi J.**, Deka Boruah H. P., Handique A. K., (2008) “Evaluation of stress response of *Gmelina arborea* to coalmine overburden stress”. International Conf. On Biodiversity Environment and Sustainability: Challenges for Future, 129-136.
6. **Gogoi J.**, Deka Boruah H.P., (2008) “Evaluation of top layer refilling with un-mined soil for remediation of high sulphur containing coalmine overburden” International Conf. on MPT, 394-398.
7. **J Gogoi.**, Pathak N., Dowarah J., Deka Boruah H.P., (2007) “In situ selection of tree species for environmental restoration of opencast coalmine wasteland”. International Conf. on MPT, 678-681.

Abstracts –

1. **Gogoi J.**, Deka Boruah H.P., Pathak N., Saikia N., Handique A.K., (2009) “Coalmine overburden stress on changes of some biochemical parameters of three legumes”. 78th Annual Meeting, Society of Biological Chemists (India), 57.
2. **Gogoi J.**, Pathak N., Deka Boruah H.P., Saikia N., Handique A.K., (2009) “The effect of mine over burden (OB) abiotic stress on growth of two vegetable plant”. National Seminar on Exploration, Utilization and Strategy action plan for sustainable management of plant resources.
3. Pathak N., Deka Boruah H.P., **Gogoi J.**, Handique A.K., (2009) “Super oxide dismutase activity and some physiological response of Cassia Dhaincha, Gomari and Titachapa towards coalmine stress”. National Seminar on Exploration, Utilization and Strategy action plan for sustainable management of plant resources.
4. Deka Boruah H.P., **Gogoi J.**, Pathak N., Handique A.K., (2008) “Environmental impact in and around Tirap Collieries of Assam; A case study”. Souvenir NEERI, Nagpur, pp 50.

5. Pathak N., Deka Boruah H P., **Gogoi J.**, Handique A K., (2008) “Evaluation of impact of coalmine effluent stress on the performance of Cassia and Dhaincha sp” Souvenir NEERI, Nagpur, pp-64.
6. **Gogoi J.**, Deka Boruah H P., Pathak N., Handique A K., (2008) “Assesment of impact of trace and heavy metal content in eco-restoration of coalmine overburden dumping sites of Assam. Souvenir NEERI, Nagpur, pp-64.
7. **Gogoi J.**, Pathak N., Deka Boruah H. P., (2006) “Nature of growth and development of tree species grown in coalmine rejects in biodiversity maintenance”. All India Seminar on Ecology, Environmental Management in developing countries, Organised by Indian Institution of Engineers, Agartala Local Center.
8. Pathak N., **Gogoi J.**, Gohain R., Deka Boruah H.P., (2006) “Biodiversity prospecting for phytoremediation of coalmine tailing dumping sites in the environment". Value addition to Bioresources of NE, India, Post Harvest Technology and Cold Chain, Gauhati University, Assam.

Academic activities

Orientation Course/Refresher Course

1. Participated in UGC sponsored 30th orientation course (online) held from 28/07/2020 to 17/08/2020 and obtained grade A. The course was organized by UGC, HRDC, Mizoram university, Mizoram.
2. Participated in UGC sponsored Refresher Course in Experimental Botany (Online) held from 08/11/2022 to 21/11/2022 and obtained grade A. The course was organized by UGC, HRDC, Ranchi University, Ranchi

International/National Seminars/conferences/ FDP/Workshop attended-

1. Attended National Seminar On Current Trends in “Crop Disease Management for Improving Productivity” organized by North-East Institute of Science and Technology (formerly Regional Research Laboratory) Jorhat, Assam in association with Indian Phytopathological Society, New Delhi (Eastern Zone) on 19 & 20 January, 2006.

2. Participated in workshop on “Bioinformatics and its Future Prospects” organized by Department of Botany, Gauhati University and DOEACC Centre Guwahati/Tezpur, Ministry of Communication & Information Technology, Govt of India on 9th of June, 2006.
3. Successfully completed seven Days Faculty Development Programme (FDP) in Online Mode for University and College Teachers on Preparation of Self Learning Materials for University and College Learners organized by Dibrugarh University, Assam, India from 12th May 2020 to 18th May, 2020 under the Seal of Dibrugarh University.
4. Successfully completed an Online Faculty Awareness Program on “Research Methodology” organized by Department. of Education, Mazbat College, Mazbat, Udalguri, Assam during the period of 31/05/2020 to 10/06/2020 with a score of 85%.
5. Participated in national level one week faculty development programme on development of E-content in teaching and ICT based assessment tools from 12th June to 17th June, 2020 organized by Mazbat College in association with B.S.V.S. educational learning centre, Nagpur, Maharashtra.
6. Participated in Online International Faculty Development Programme on “Environmental Sustainability & Green Energy” from 29th June 2020 to 3rd July 2020 which was organised by Electrical Engineering Department, GW CET, Nagpur.
7. Participated One-Week Online Faculty Development Programme on “Mentoring Pedagogy & Teaching for Higher Education” organized by E&ICT Academy IIT Guwahati held from 20 – 27 July, 2020 in association with IQAC, Dakshin Kamrup College, Mirza.
8. Participated in a Five Day National Research Conclave titled "Scaling Techniques and Data Analysis using Excel and SPSS" on 26th - 30th April 2021 organized by CMS, JAIN (Deemed-to-be University), Bengaluru.
9. Participated in Paid FDP from 2021-05-17 to 2021-05-23 on Moodle Learning Management System organized by Majuli College with course material provided by Spoken Tutorial Project, IIT Bombay.

10. Attended 7 days International workshop on “common yoga protocol” and webinar on “Yoga and Holistic health” organized by department of yog, Maharishi Mohesh Yogi Vedic Vishwavidyalaya, Karoundi, Kanti (M.P.) and sponsored by UGC (IUC-YS) from 15th to 21st June, 2021 organized by Balaji Institute of Technology & Science affiliated to JNTU, Hyderabad.
11. Participated in the 9-Day National Level Online Faculty Development Program on “Foregrounding the Spectrum of Character Building in Modern Human Life” organized by Department of Humanities & Sciences from 25 June - 03 July, 2021, Balaji Institute of Technology & Science.
12. Successfully completed One week online faculty development programme on “Advanced Research Methodology” organized by Department of Mechanical Engineering of Nanasaheb Mahadik College of Engineering. Peth from 26th July to 30th July, 2021.
13. Successfully completed one week online Faculty Development Programme on “Academic administration” from 03 - 09 August, 2021 organized by teaching learning centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.
14. Participated as a Resource person in World Environment Day, 2023 organized by Aryabhata Science Centre, Majuli District in collaboration with Environment and Climate Cell, Majuli College, Majuli.
15. Participated workshop on FYUGP AND NEP, 2020 organized by IQAC, Jengraimukh College in collaboration with Dibrugarh University, Dibrugarh, Assam on 14th June, 2023.
16. Successfully completed one week online Faculty Development Programme on “Advanced Pedagogical Techniques” from 22/07/2023 to 28/07/2023 organized by teaching learning centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.

17. Participated workshop on Intellectual Property Rights for safeguarding Cultural Heritage and related Innovation organized by IQAC, Majuli College, in association with DPIIT IPR Chair, Tezpur University on 21st September, 2023.

International/National seminar presentation-

1. Participated International Conference on “Biodiversity, Environment and Sustainability Challenges for Future” held in September 2008 at University of Delhi, Alipur, Delhi-36, India and presented a paper on the topic “ Decrease of the Effect of Acid mine Drainage on Seedling Development of *Sesbania rostrata* by Co-Inoculation of beneficial Rhizobacteria”.
2. Participated National Seminar on “Exploration Utilization and Strategy Action Plan for Sustainable Management of Plant Resources” held in February 27th-28th, 2009 organized by Department of Botany, Gauhati University, Guwahati, Assam and presented a paper on the topic “ The Effect of Mine OB abiotic stress on Growth of Two Vegetable Plants”.
3. Participated UGC sponsored National Seminar on “Bio Resources, Its Utilization and Conservation with Special Reference to North East India” held in 26th and 27th June 2014 organized by Department of Zoology, Silapathar Science College, Silapathar Dhemaji, Assam and presented a paper on the topic “Phytoremediation: A method of soil reclamation”.
4. Participated UGC sponsored National Seminar on “Bio Resources, Its Utilization and Conservation with Special Reference to North East India” held in 26th and 27th June 2014 organized by Department of Zoology, Silapathar Science College, Silapathar Dhemaji, Assam and presented a paper on the topic “Phytoremediation: A method of soil reclamation”.
5. Participated in the ‘Assam Botany Congress (ABC-02) and International Conference on Plant Science held on 3-5 December, 2021 at Cachar College and delivered an oral presentation entitled “Response of *Sesbania rostrata* to acid mine drainage”. The conference was organized by Botanical Society of Assam, Guwahati & Department of Botany, Cachar College, Silchar, Assam.

6. Participated and presented a research paper (oral) entitled “Coal mine wasteland reclamation by using eco-friendly technique” in the International Conference on Biodiversity: Exploration and Conservation for Sustainable Development (ICB-01), organized by the department of Botany, Pandit Dindayal Upadhyaya Adarsha Mahavidyalaya, Behali, Assam, India in association with Eco-Club (MoEFC, Govt. Of India and ASTEC, Assam) on 5th January, 2022.
7. Participated and presented a research paper (oral) entitled “Role of Academic and Administrative Audit (AAA) for Quality Enhancement in Higher Education” in NAAC sponsored one day national conference on Enhancing ‘Quality’ in Higher Education Institutions organized by the Internal Quality Assurance Cell (IQAC), Majuli College, Assam on 22nd Nov, 2022.
8. Participated and presented a paper entitled “Ethno-medicinal plants used by Mishing tribes of Majuli to cure different physical ailments”, in the national seminar organized by Department of Botany, University of Science and Technology Meghalaya in collaboration with Central Silk Board, Assam on 25th & 26th March, 2022.

International/National seminar/Webinar attended-

1. Successfully completed one day national webinar on “Covid-19 pandemic : its socio –Psychological issues” held in 26th July, 2020 jointly organized by department of sociology and political science , Pub Majuli College, Majuli.
2. Participated in the online awareness programme on use of online E-Resources organized by Atul Chandra Goswami Library, Majuli College in collaboration with Assam College Librarians’ Association (ICT Cell) held in 12th June, 2020.
3. Participated in the national webinar on “Contribution of Indians Towards Modern Science” held in 23rd August, 2020 organized by department of physics, Majuli College in collaboration with IQAC, Majuli College.
4. Participated a national webinar on “Environmental History of Assam” organized by department of History, Majuli College in collaboration with IQAC, Majuli College held in 22nd August, 2020.
5. Participated national webinar on “India’s contemporary population dynamics, Covid-19 and economic implications” organized by department of geography,

- Majuli College in collaboration with IQAC, Majuli College held in 29th August, 2020.
6. Participated in national webinar entitled “Chemistry of Alcohols” organized by Department of Chemistry, Majuli College in collaboration with IQAC, Majuli College held in 26th August, 2020.
 7. Participated in one day international webinar on “Issues and challenges of migrant labourers during Covid-19 Pandemic” organized by Department of Education, Mazbat College and Department of History, HCDG College Nitaipukhuri in association with IQAC, Mazbat College, Mazbat held on 8th July, 2020.
 8. Participated in national webinar on “Children’s mental stress and role of parents” which was jointly organized by department of education, Mazbat College, Mazbat and department of History, Nowboicha College, Lakhimpur, Assam held on 7th July, 2020.
 9. Participated in one day national webinar on “Emergence of New Opportunity in Education System After Covid-19 Pandemic” jointly organized by department of English, Kalaguru Bishnu Rabha College, Orang and department of education, Mazbat College, Mazbat, Udalguri, Assam held on 6th July, 2020.
 10. Participated in a national level webinar on “Mental stress and online education during Covid-19 pandemic” jointly organized by IQAC, NLB. City college & IQAC Mazbat College in association with department of education, Mazbat College, Mazbat, Assam & NLB City college, Assam on 25th June, 2020.
 11. Participated on a national webinar on “ A mentoring session with coordinators/ Faculty members of DBT Biotech hub of colleges of Assam regarding preparation of proposal” organized by Department of Zoology, Gauhati University & Zoological Society on 18th June, 2021.
 12. Participated in National Level Webinar on “ Corona Virus and wildlife trade” organized by pope’s eco club and PG department of zoology held on 9th June 2021.
 13. Participated in the National Webinar on “Covid 19: Society, Education and the Road Map Ahead” held on 7th August, 2021 organised by Majuli College Women Cell, Majuli, Assam.

14. Participated in the National Webinar on “Why Should We Care For The Environment?” held on 29th June 2021, organised by the Enviro Club of Guru Nanak College (Autonomous), Guru Nanak Salai, Velachery, Chennai.

National/International Webinar/Seminar organized-

1. Coordinator of national webinar entitled “Environmental Status of Majuli District and It’s Conservation Strategies”, organized by Dept. of Botany, in collaboration with IQAC, Majuli College 25th Aug, 2020.
2. Coordinator of a national webinar organized by Environment and climate cell, Majuli college on occasion of world environment day (5th June) 2021.
3. Co-ordinated a webinar organized by Dept. of Botany, in collaboration with IQAC, Majuli College on the topic “Local management of Flora for sustainable development in Majuli” on 7th January, 2022.
4. Co-ordinated a webinar organized by Majuli College on “Remembering the Pancharatnas of Majuli” on 30th January, 2022.
5. Co-ordinated *Shiksharatna* Atul Chandra Goswami Memorial Lecture on the theme Remembering the contributions of an ideal man-maker on 18th April, 2022.