

A Report on

**National seminar on “Environmental , Protection,
Conservation and Sustainability.”**
(Hybrid mode)

16th March, 2023



**Organised by ECO CLUB,
Jagannath Barooah College (Autonomous), Jorhat,
Assam, India**

**Financed and Catalyzed by
Assam Science Technology and Environment Council,
Guwahati, Assam, India**

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Organised by ECO CLUB,
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<p>Organizing Committee</p> <p>Patron: Dr. Jaideep Baruah Director, ASTEC, Guwahati, Assam</p> <p>Chairperson: Dr. Utpal Jyoti Mahanta Principal, J. B. College, Jorhat</p> <p>Chief Co-ordinator 1. Dr. Liza H. Bhattacharyya Co-ordinator, ECO Club, J. B. College, Jorhat</p> <p>2. Lalsanlevis Nampul Asst. Professor, Dept. of English, J. B. College, Jorhat</p> <p>Joint Co-ordinator 1. Dr. Jayashree Nath, Asst. Prof., Dept. of Chemistry, J. B. College, Jorhat</p> <p>2. Dr. Simi Borah Saikia, Asst. Prof., Dept. of Philosophy, J. B. College, Jorhat</p> <p>3. Probenson Terang, Asst. Prof., Dept. of Economics, J. B. College, Jorhat</p> <p>Invited Speakers</p> <ul style="list-style-type: none"> • Dr. Ratul Balshya, Department of Botany, University of Delhi, India • Dr. Helkham Evelin, Department of Botany, Rajiv Gandhi University, Arunachal Pradesh <p>Advisors</p> <ul style="list-style-type: none"> • Dr. B. K. Borthakur, GB President, J.B. College • Dr. Chandra Barooah, Head I/c, Environment Division, ASTEC • Dr. D. J. Rajkhowa, Ex Jt. Director, ICAR Research Complex for NEH Division, Nagaland • Dr. Hemen Sharma, Head, Dept. of Botany, Bodoland University • Dr. Arunima D. Hazarika, Ex Academic V.P., J. B. College, Jorhat, Assam • Dr. Bubul Ch. Neog, Head, Dept. of Botany, J. B. College, Jorhat, Assam • Dr. Bhaskar Buragohain, Head, Dept. of Botany, Mariani College, Jorhat, Assam • Dr. Daya S. Tomar, Head, Dept. of Botany, D. C. B. Girls' College, Jorhat, Assam • Dr. Malakshimi Dutta, Head, Dept. of Botany, N. N. Saikia College, Titabar, Assam • Dr. P. N. Bhattacharyya, Dept. of Botany, N. N. Saikia College, Titabar, Assam 	<ul style="list-style-type: none"> • Dr. Bhaskar Sharma, Dept. of Botany, Dhemaji College, Dhemaji, Assam • Protiva Borah, Dept. of Botany, Bahona College, Jorhat, Assam <p align="center">Registration Fee</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="background-color: #43a047; color: white;">Academicians/ Professional/Faculty</td> <td style="background-color: #43a047; color: white;">1000/-</td> </tr> <tr> <td style="background-color: #43a047; color: white;">Research Scholars</td> <td style="background-color: #43a047; color: white;">700/-</td> </tr> <tr> <td style="background-color: #43a047; color: white;">Students</td> <td style="background-color: #43a047; color: white;">500/-</td> </tr> </table> <p>Bank Details for Registration Fee Deposition:</p> <ul style="list-style-type: none"> • Account Name: Principal, J.B. College (Autonomous), Jorhat • Bank Name: State Bank of India • Account No. 10638564174 • IFSC: SBIN0000104 <p>For any query, contact us:</p> <ul style="list-style-type: none"> ☎ Dr. Liza H. Bhattacharyya 8876044626 ☎ Lalsanlevis Nampul 9435606119 	Academicians/ Professional/Faculty	1000/-	Research Scholars	700/-	Students	500/-	<p><i>National Seminar</i> on</p> <p>Environmental Protection, Conservation and Sustainability (Hybrid mode)</p>  <p>on</p> <p>16th March, 2023</p> <p><i>Organized by</i></p> <p>ECO CLUB, Jagannath Barooah College (Autonomous), Jorhat, Assam</p> <p><i>Financed & Catalyzed by</i></p> <p>Assam Science Technology and Environment Council (Dept. of Science, Technology & Climate Change, Govt. of Assam)</p>
Academicians/ Professional/Faculty	1000/-							
Research Scholars	700/-							
Students	500/-							

<p>About the Organizers</p> <p>Jagannath Barooah College is an autonomous college affiliated to Dibrugarh University and recognized by UGC, located in Jorhat, Assam, India. Since its inception in the year 1930, the college has been striving ahead for academic excellence in the field of higher education. As one of the premier institutes of Higher Education in the North East, J. B. College bagged the 64th rank in the all India rankings released by National Institutional Ranking Framework (NIRF) in April 2017. J.B. College fraternity is determined to build a conducive environment for all round development of the students and the community at large.</p> <p>Eco-Club is initiated by the Ministry of Environment, Forests and Climate Change (MoEFCC), Govt. of India as a project named National Green Corps (NGC) for creating environmental awareness. In Assam, this Eco-Club is supported by Assam Science Technology and Environment Council (ASTEC) as a nodal agency. Eco Club of J.B. College has been working incessantly towards the betterment of the environment.</p> <p>Assam Science Technology and Environment Council (ASTEC) is Govt. agency in Assam working on promotion and popularization of science & technology, growth of scientific temper and attitude among all sections people. ASTEC promotes innovation, technology generation and Intellectual Property Rights (IPR) activities in the state.</p>	<p>development in the era of fast changing environment and environmental policies. Organizers hope that the discussions and deliberations during the seminar will pave way for concrete action plans and remedial measures to an extent to resolve the issue of conflict between environmental degradation and sustainable development.</p> <p>Sub-themes</p> <ul style="list-style-type: none"> • Global Change and Atmospheric Pollution • Natural Resource Management including microbial resources • Sustainable Agriculture • Scope of alternative Energy Resources • Socio-Economic and Legal Dimensions of Sustainable Development • Sustainable Life Style, Eco city, Ecosystem and Wild Life • Green Life Style, Green Synthesis • Green Chemistry in the present era. • Environmental Concerns, Ecocriticism and Literature. • Deep Ecology, Material Ecocriticism, Ecofeminism and Literature • Biodiversity and Meeting Its Challenges. • Waste Water Management. • Solid Waste Management. • Hazardous Waste Management or any theme allied to the environment. <p>Formatting Guideline for Papers & Abstract Submission</p> <p>The research papers shall adhere to the following formatting guidelines:</p> <ul style="list-style-type: none"> • The length of the paper should preferably be within 3,500 words. The abstract of papers should be within 250 words with maximum six keywords. • The heading of the paper in Capital, Bold, Font Size 14, Times New Roman, Central Aligned. • Sub-headings if any in Bold, Capital, Font Size 12, Line Spacing 1.5, Justified Aligned. • Images, diagram, chart, table etc. central aligned and authority shall be duly cited. • OSCOLA 4th Edition/ MLA 8th Edition shall be used for citation and footnotes should be in Times New Roman, Font Size 10, Justified aligned, and Single Line Spacing. 	<p>Submission Guidelines</p> <p>The participants shall strictly adhere to the following guidelines:</p> <ul style="list-style-type: none"> • Co-authorship for each paper is allowed up to two authors. • No single author can submit more than one paper. • The Abstract shall be separately typed in Google Form. • In the case of two authors for the same paper, only one author shall fill up the submission form. • No name or any other personal details shall be mentioned within the manuscript and the work should not have any conflict of interest. • All submissions shall be made through Google Form within the due date of submission. • Only word files are accepted, pdf files shall be summarily rejected. • The name of the document shall be saved by the title of the paper. <p>Important Dates</p> <p>Abstract submission Deadline: 5th March, 2023</p> <p>Acceptance of Abstract: 12th March, 2023</p> <p>Registration Deadline: 14th March, 2023</p> <p>Date of Seminar: 16th March, 2023</p> <p>Registration and Abstract submission link</p> <p>https://forms.gle/5cRNC6VU63DfQ7yN7</p>  <p>Submit Paper to</p> <p>jbceoclub1930@gmail.com</p>
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**National Seminar on
“Environmental Protection, Conservation and Sustainability”**

(Hybrid Mode)

16th March, 2023

Organized by

ECO- CLUB

Jagannath Barooah College (Autonomous), Jorhat, Assam

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Assam Science Technology And Environment Council, Guwahati, Assam

Technical Schedule

Date: March 16, 2023

Inaugural ceremony

Venue: Conference Hall 1, J.B. College (Autonomous)

Host: Tonmoyee Rani Neog, Dept. of History, J.B. College (Autonomous), Jorhat

Time	Events
8.30 AM onwards	Registration of delegates and Breakfast
9.00 AM- 9.05 AM	Welcome to dignitaries
9.05 AM-9.10 AM	Lighting of Lamp
9.10 AM -9.15 AM	College Song
9.15 AM-9.20 AM	Welcome address by L. Nampui (Chief co-ordinator of the seminar)
9.20 AM-9.30 AM	Felicitation of the Guest
9.30 AM-9.35 AM	Inaugural address Dr. Utpal Jyoti Mahanta Principal, Jagannath Barooah College (Autonomous), Jorhat
9.35 AM-9.40 AM	A short speech by Dr. B.K. Barthakur G.B. President, J.B. College (Autonomous), Jorhat
9.40 AM-9.45 AM	Release of abstract volume
9.45 AM-9.50 AM	Introduction of the first speaker by Dr. Jayashree Nath
9.50AM-10.10 AM	Address by Invited Speaker Dr. Ratul Baishya University of Delhi, Delhi, India
10.10 AM-10.15AM	Introduction of the second speaker by L. Nampui
10.15 AM-10.35AM	Address by Invited Speaker Dr. Heikham Evelin Rajiv Gandhi University, Arunachal Pradesh, India
10.35 AM-10.40AM	Introduction of the third speaker by Dr. Liza H. Bhattacharyya
10.40AM-11.00 AM	Address by Invited Speaker Dr. Dipjyoti Rajkhowa Ex Jt. Director, ICAR Research complex for NEH Division, Nagaland.
11.00AM-11.05 AM	Vote of thanks Dr. Jayashree Nath Jt. Co-ordinator of the seminar
11.05AM- 11.15AM	Group photo
11.15AM -11.30 AM	Tea break
11.30 AM-1.30 PM	Technical Session I,II,III,VI (Parallel)
1.30 PM- 2.00 PM	Lunch Break
2.00 PM- 3.30 PM	Technical Session IV, V (Parallel)

Technical Session I

Venue: Conference Hall 1

Chairperson: Dr. Ratul Baishya, Dept. of Botany, University of Delhi, Delhi.

Co Chairperson: Dr. Bhaskar Jyoti Sarmah, Assistant Professor, JIST, Jorhat.

Host: Dr. Liza H. Bhattacharyya, Chief Co-ordinator, National Seminar Organizing Com.

11.30 AM – 1.30 PM

Venue: Conference Hall I

11.30 AM onwards	Oral presentation
1	<p>Parijat Kashyap, Chandramallika Handique, Panchami Borah, Pooja Dutta, Ajay Kumar and Dinesh Kumar Meena</p> <p>Trees outside forest (tof) - A potential source of raw material for wood based industries in Jorhat forest division</p>
2	<p>Rajashree Bhuyan, Rashmi Rekha Borah</p> <p>A Case study report on the significance of Jadav Payeng's Molai Forest towards the sustainability of the environment</p>
3	<p>Kaushik Kutum, Nibarani padi and Junali Chetia</p> <p>Plants having healing property from Silapathar area, Dhemaji: A Survey</p>
4	<p>Chandramallika Handique, Parijat Kashyap, Pooja Dutta, Panchami Borah, Ajay Kumar and Dinesh Kumar Meena</p> <p>Utilization of tree outside forest for fuel wood and timber to the peoples of Jorhat and Majuli district</p>
5	<p>Moni Das</p> <p>Hydrocarbon degradation: A microbial approach for sustainability</p>
6	<p>Luk Bahadur Chetry</p> <p>Herbal Medicines for Benign Prostate Hyperplasia</p>
7	<p>Gyanab Konwar</p> <p>Wood rotting microfungi as a microbial resource for natural resource management and ecological sustainability with special reference to Hysteriales and their allied genera</p>
8	<p>Pooja Dutta, Parijat Kashyap, Chandramallika Handique, Panchami Borah, Ajay Kumar, Dinesh Kumar Meena</p> <p>Tree diversity and carbon stock in trees outside forests of Jorhat district, Assam</p>
9	<p>Junali Chetia and Lipika Lahkar</p> <p>Vegetation of Gai Nodi Wetland from Dhemaji District of Assam: A Study</p>

Technical Session II (Offline)

Chairperson: Dr. Santana Saikia, Principal(I/C) & Associate Professor, Bahona College, Jorhat.
Co-Chairperson: Anmona Bora, Retd. Vice Principal & former Head, Dept. of English, J.B. College, Jorhat

Host: Dr. Simi Borah, Jt. Co-ordinator, National Seminar Organizing Com.

11.30 AM – 1.30 PM

Venue: Seminar Hall

11:30 AM	Oral Presentation
1	Akash Borchetia Wildlife in the Raj: Hunting as a Colonial Leitmotif in John Butler's A Sketch of Assam
2	Dr. Nandini C. Bora Negotiating the Pastoral Tradition in Wordsworth's Ecocritical Sensibility: A Select Study.
3	Raginee Mahanta Nature-Space and a Symbolic Coming of Age: An Ecocritical Reading of Delia Owens' <i>Where the Crawdads Sing</i>
4	Pishnipriya Borkakoty and Subhasita Sarmah Environment and Community in Global Poetry
5	Dr. Simi Borah Significance of 'Vasudhaiva Kutumbakam' for achieving Sustainable Environmental Development
6	Dr. Sangita Bora Environmental Awareness as reflected in the Vedas: A Study (With special reference to 'Bhumisukta' of the <i>Arthaveda</i>)
7	Moromi Engtipi & Harbamon Rongpi Impact of Forest Policies and Strategies on Tribal communities of Karbi Anglong in Conservation, Collection and Marketing of Non Timber Forest Products (NTFPs)
8	Dr. Biswajit Borah Ecology, Traditional Beliefs and Practices among the Thengal Kachari tribe of Assam
9	Dr. Swapna Borah दशपुत्रसमोद्गम: A scientific view reflecting environmental awareness in Sanskrit literature
10	Ritopan Borah Economic Valuation of Wetlands -A Methodological Study
11	Dr. Malaya Borah Respect for nature in the light of Gandhi's critique of industrialization
12	Bornalee Gogoi and Papumoni Hazarika Aloschona Patra Bixoy: Soumyadeep Dutta r 'Aranyatur Bhraman-Katha' aru 'Namsangor Antexpur' Grantha t Paripashik Adhyanyan

Technical Session III (Online)

Chair Person: Dr. Rimi Nath, Assistant Professor, Dept. of English, NEHU, Shillong.

Host: Lalsanlevis Nampui, Chief Co-ordinator, National Seminar Organizing Com.

11.30 AM-1.30 PM

Meeting Link: <http://meet.google.com/emt-cfvj-whb>

11:45 AM onwards	Online Presentation
1	Kanyashree Bhagavaty An Ecocritical Reading Of Anuradha Sharma Pujari's "Sikar": A Select Study
2	Shabnam An Ecofeminist and Womanist Reading of Alice Walker's <i>The Color Purple</i> and 'In Search of Our Mother's Gardens'
3	Asima Gogoi An Ecocritical Reading of Easterine Kire's <i>When the River Sleeps</i>
4	Tejoswita Saikia Toxic Gods: The River and the Widow in Mamoni Raisom Goswami's <i>Neelkanthi Braja</i>
5	Tribeni Sonowal Environmental Consequences of Baghjan Oil Disaster
6	Priskili Nampui Woes of Environmental Degradation: A panoramic view (With special reference to selected areas of Dima Hasao District in Assam)
7	Ankita Dutta Awareness among the Students towards the Disposal of Electronic-Wastes: A Study in Sivasagar District of Assam
8	Dr. Loilungthianglimi Nampui Mapping Climate Change and Its Impact on Dima Hasao District in Assam
9	Dipa Baruah Understanding the Role Of Communities as Harbingers of Sustainable Lifestyle: A Study
10	Gita Rani Das A historical study on the environmental consciousness and protection in ancient India.

Technical session IV

Chairperson : Dr. Heikham Evelin, Assistant Professor, Rajiv Gandhi University, Arunachal Pradesh

Co – Chairperson: Dr. Bhaskar Sarma, Assistant Professor, Dhemaji College, Dhemaji, Assam

Host: Dr. Jayashree Nath, Jt. Co-ordinator, National Seminar Organizing Com.

2.00 PM-3.30 PM

Venue: Conference Hall 1

1	Bhaskar Jyoti Sarmah and Jayashree Nath Chlorocarbonyl Rhodium(I) complexes of functionalized pyridine ligands: Small molecule activation and methanol carbonylation
2	Nishi Deori, Dhaneshwar Pegu and Lipika Lahkar Ethno Medico-botanical assessment of Deori Community of Sivasagar District, Assam
3	Anirban Garg, Samprity Sarmah ESP promoted green synthesis of phenols from aryl boronic acids
4	Panchami Borah, Pooja Dutta, Parijat Kashyap, Chandramallika Handique and Dinesh Kumar Meena Potential of Bamboo species for the restoration of degraded coal mined land
5	Namrata Konwar Study on endophytic fungi associated with <i>Clerodendrum infortunatum</i> and their enzymatic activity
6	Muskan Devi and Namrata Konwar Phytochemical analysis of <i>Alstonia scholaris</i>: A commonly used medicinal plant by Nepali community of Assam
7	Utpal Sadhonider, Bhaskar Jyoti Sarmah Acceptorless dehydrogenation of alcohol to carboxylic acids by modified montmorillonite clay supported NiO-Nanoparticles
8	Pallika Nath, Dr. Dhiramani Bhuyan and Sangeeta Saikia Ethno medicinal uses of some locally available herbs by mishing community of Jorhat district, Assam
9	Krishna Borgohain, Satya Ranjan Sarmah, Pranaba Nanda Bhattacharya Isolation and screening of cellulose degrading microorganisms from tea soil of Assam – A potential driver for bioconversion of tea ecosystem biomass into quality organic manure

Technical Session V

Chairperson: Dr. Arunima Das Hazarika, Ex Academic V.P., J.B. College (Autonomous), Jorhat, Assam

Co Chairperson: Dr. Bhaskar Buragohain, Assistant Professor, Mariani College, Jorhat, Assam.

Host: Probenon Terang, Jt. Co-ordinator, National Seminar Organizing Com.

2.00 PM-3.30 PM

Venue: Seminar Hall

1	Tina Bora, Zeenat Ahmed, Chayanika Bora and Liza H. Bhattacharyya Diversity of Ethnomedicinal plant used by the Deori community people of Jorhat District, Assam
2	Akankhya Bora, Jyotishna Gogoi, Liza H Bhattacharyya. Diversity of Ethnomedicinal plant used by the people of Mising community living in Nasonipara village of Golaghat district, Assam.
3	Denen Kr. Duarah and Ananya Bordoloi Natural resource management including microbial resources
4	Liza Handique Bhattacharyya <i>Frankia</i> Sp. – A Novel Biofertiliser For Sustainable Agriculture
5	Emon Gogoi and Manashree Borchetia Herbalism of upper Assam
6	Nikhil Gogoi and Bubul Ch. Neog Ethnomedicinal plants used by the Mising community of Sivasagar district, Assam
7	Mirzana Azad and Isha Sonowal Organic farming – A new revolution in Agriculture.

Technical Session VI (Online)

Chairperson: Dr. P.N. Bhattacharyya, Assistant Professor, Dept. of Botany, N.N. Saikia College, Jorhat, Assam

Co Chairperson: Dr. Bhupen Kr. Baruah, Assistant Professor, Dept. of Chemistry, J.B. College (Autonomous), Jorhat, Assam

Host: Dr. Anirban Garg, Technical Co-ordinator, National Seminar Organizing Com.

11.30 AM-1.30 PM

Meeting link : <http://meet.google.com/qzw-qfvv-fwp>

1	Madhu Shastry, Medicinal plants used by different tribes of Dhemaji District of Assam
2	Talo Biju and Daniel Mize The influence of landscape on distribution of slender-billed vulture <i>Gyps tenuirostris</i> in Arunachal Pradesh, India

3	Animekh Lukhurakhon, Satya Ranjan Sarmah, Mausomi Madhab and Pranaba NandaBhattacharyya Characterization of microbial resources of tea soil and evaluating their potential against Grey blight diseases in tea: A green and sustainable approach for plant protection in tea
4	Kakumoni Bora, Dr Nibedita Das, Dr Pramod Medhi, Dr Neeta Basumatary An ethnomedicinal survey of traditionally used medicinal plants for the treatment of High blood pressure of erstwhile Nagaon District, Assam, India
5	Porismita Borah, Nazrul Islam A comparative study on antidiabetic plants used by the Mishing Tribe of Majuli District based on the management and drug formulation for the promotion of human health
6	Chimi Rekha Gogoi, Dr. Aditya Borah Nanotechnology-based methods for wastewater treatment- The state of the art
7	Kakoli Baruah Diversity of orchid in Joypur reserve forest
8	Bhaskar Sarma, Pranaba Nanda Bhattacharyya, Rajdeep Kalita Induction of different types of callus and somatic embryogenesis in various explants of <i>Aristolochia saccata</i> wall. And <i>Aristolochia cathcartii</i> hk. F. & t.- rare and endemic medicinal plants of Assam, India.
9	<u>Rebika Baruah</u> , Archana Moni Das , Rohan Goswami, Debasish Kalita Profound applicability of green synthesized ZNO nanoparticles in wastewater treatment
10	Gayatree Borah Investigation of chemical mutagens sensitivity on crop production
11	Jhuma Biswas, Rebecca Kramsapi Changes in landuse and its impact on air quality: A study in Guwahati city
12	Ejaz Hussain Ebelin lactone from <i>Bacopa monnieri</i> targets microtubule affinity regulation kinase-4 for the treatment of Alzheimer's disease: a molecular dynamics-integrated MMGBSA approach.
13	Pranaba Nanda Bhattacharyya and Dhruva Kumar Jha Bioprospecting of microbial gene pool for better understanding of microbial ecology with special reference to antagonism against a panel of human pathogens

3.30 PM- 4.30 PM : Cultural Programme
4. 30 PM- 4.55 PM : Valedictory Session
**4.55 PM- 5.00 PM : Vote of Thanks by Dr. Simi Borah, Jt. Co –Ordinator,
National Seminar Organizing Committee.**

Inaugural Session

Time: 9.00 AM- 11.30 PM

Venue: Conference Hall 1

The inaugural session started with the lighting of the lamp by our invited guest followed by college song by the members of the ECO CLUB followed by welcome address by Lalsanlavis Nampui (Chief co-ordinator of the seminar). Then the invited guest were felicitated with *gamusa*, memento and *Japi*. Then Dr. Utpal Jyoti Mahanta, Principal, Jagannath Barooah College (Autonomous), Jorhat, Assam gave the inaugural address followed by a short speech by Dr. B.K. Barthakur, G.B. President, Jagannath Barooah College (Autonomous), Jorhat, Assam. The abstract volume of the National seminar was released by the distinguished dignitaries present in the occasion. The first invited speaker was introduced by Dr. Jayashree Nath (Jt. Co-ordinator of the National seminar organising committee). The first speaker of the session Dr. Ratul Baishya, Associate Professor, Dept. of Botany, University of Delhi, Delhi, India, presented his speech on REDD+. Our second speaker, Dr. Heikham Evelin, Assistant Professor, Dept. of Botany, Rajiv Gandhi University, Arunachal Pradesh, India was introduced by L.Nampui (Jt. Co-ordinator of the National seminar organising committee) followed by her talk on Mycorrhiza. Lastly the last speech was delivered by Dr. Dipjyoti Rajkhowa, Ex Jt. Director, ICAR Research Complex for NEH division, Nagaland, India on sustainable agriculture. At last the inaugural session came to an end by vote of thanks by Dr. Jayashree Nath (Jt. Co-ordinator of the National seminar organising committee) (See Plate 1).

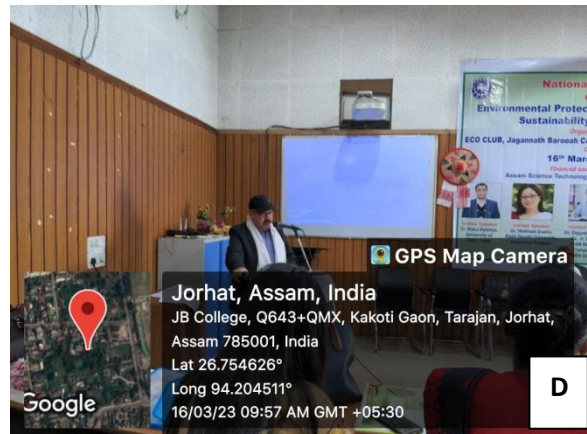


Plate 1: Inaugural session A: Lighting of the lamp by dr. B.K. Barthakur, G.B. President, J.B. College, **B,C:** Felicitation of the invited speakers, **D:** Welcome address by Dr. Utpal J. Mahanta, Principal, J.B. College, **E:** Release of abstract volume, **F:** Speech by invited speaker Dr. Ratul Baishya, **G:** Speech by Dr. Heikham Evelin, **H:** Speech by Dr. Dipjyoti Rajkhowa(Online mode).



Plate 2: Group Photo of the attendees of the Inaugural session of the National seminar.

Technical session 1:**Venue: Conference Hall 1****Time: 11.30 a.m. -1.30 p.m**

The technical session I took place in the conference hall 1 of J.B. College, Jorhat, Assam, India. Dr. Ratul Baishya, Associate Professor, Dept. of Botany, University of Delhi, Delhi, India chaired the session and Dr. Bhaskar J. Sarmah, Assistant Professor, Dept. of Chemistry, JIST, Jorhat, Assam, India co- chaired the session. Altogether 9 papers were presented during the session in which papers pertaining to forestry, forest botany, and forest resources were discussed. While participants from different institutions in and around Jorhat such as RFRI, undergraduate students from J.B. College and faculty members from different institutions in and around the city attended the session. Dr. Liza H. Bhattacharyya, chief co-ordinator of the National seminar organizing Committee hosted the session.

Technical Session II**Venue: Seminar Hall****Time: 11.30 a.m. -1.30 p.m**

The second technical session took place in the seminar hall of J.B. College campus, Jorhat, Assam. The session was chaired by Dr. Santana Saikia, Principal (i/C) and Associate Professor, Bahona college, Jorhat and co-chaired by Anmona Bora, Retd. Vice Principal and Former Head, Dept. of English, J.B. College, Jorhat. The session was hosted by Dr. Simi Borah, Jt. Co-ordinator, National seminar organizing Com., J.B. College, Jorhat, Assam, India. Altogether, 4 papers were presented in the session dealing with eco critical discussions and global poetry dealing with environment and community. The session was attended by participants, students and faculty members of the college. It was a very fruitful session (See Plate II).

Technical session III (Online)**Hosted from: Krishna Kanta Handiqui Central Library, J.B. College, Jorhat, Assam,****Time: 11.30 am-1.30 pm**Meeting link: <http://meet.google.com/emt-cfvj-whb>

The technical session (online) was hosted by Lalsanlevis Nampui, Chief co-ordinator, National seminar organizing committee, Jagannath Barooah College, Jorhat, Assam and chaired by Dr. Rimi Nath, Assistant Professor, Dept. of English, NEHU, Shillong, India. Altogether, 10 papers were presented in the session in which the literary ecocritical reviews and papers based on field survey, community participation in various environmental issues by the present and past society as well as awareness related papers on different waste management system were discussed elaborately. The session came to an end with various suggestions on the prevailing environmental issues and active participation by the participants and faculties of the college were seen (See Photo III).



Plate 2: Glimpses of Technical session II

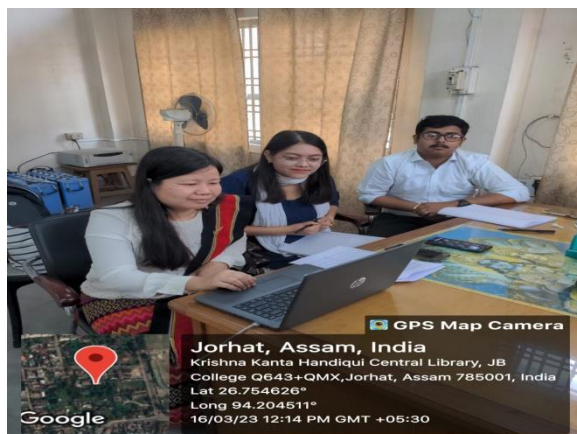


Photo III: Technical session III

Photo IV: Technical session VI



Photo V: Technical session IV

Photo VI: Technical session V

Technical Session: IV**Venue: Conference Hall 1****Time: 2.00 pm-3.30 pm**

The session was hosted by Dr. Jayashree Nath, Jt. Co-ordinator, National seminar organizing committee, Jagannath Barooah College, Jorhat, Assam, chaired by Dr. Heikham Evelin, Assistant Professor, Rajiv Gandhi University, Arunachal Pradesh, India and co chaired by Dr. Bhaskar Sarma, Assistant Professor, Dhemaji College, Dhemaji, Assam, India. In the session, 8 papers were presented by researchers from distinguished institutions of our state. The discussion in the session was mostly pertaining to green chemistry, ethnomedicinal surveys and microbial resources (See photo IV).

Technical Session: V**Venue: Seminar hall****Time: 2.00 pm – 3.30 pm**

The session was hosted by Probenon Terang , Jt. Co-ordinator, National seminar organising committee, Jagannath Barooah College, Jorhat, Assam chaired by Dr. Arunima Das Hazarika, Ex Academic Vice Principal, J.B. College (Autonomous), Jorhat and Co-chaired by Dr. Bhaskar Buragohain , Assistant Professor, Mariani College, Jorhat, Assam, India. Altogether 7 papers were presented in the session where undergraduate students from Dept. of Botany, Jagannath Barooah College, Jorhat , Assam, India and undergraduate students from Dept. of Zoology , Jagannath Barooah College, Jorhat , Assam, India presented their papers on ethnomedicinal and ethnobotanical surveys along with the diversity analysis of the different ethnobotanical plants available in Jorhat, Golaghat and Sivasagar district of Assam, India. The chairpersons gave valuable advice and suggestions to the participants. The session ended in a positive note (See photo VI).

Technical Session VI**Hosted from : Krishna Kanta Handiqui Central Library, J.B. College, Jorhat, Assam, India.****Time: 11.30 am-1.30 pm**Meeting link: <http://meet.google.com/qzw-qfvv-fwp>

The session was hosted by Dr. Anirban Garg, Technical Co-ordinator, National Seminar Organizing Committee, Jagannath Barooah College, Jorhat, Assam, India and Dr. P.N. Bhattacharyya, Assistant Professor, Dept. of Botany, N.N. Saikia College, Jorhat, Assam, India was the chairperson and Dr. Bhupen Kr. Baruah, Assistant Professor, Dept. of Chemistry, J.B. College was the co chairperson. In the session 13 papers were presented pertaining to green chemistry, microbiology, ethnobotany, biotechnology, zoology and advanced biology. The participants were from different research institutions across the country (See photo IV).

At last the national seminar came to an end with the cultural programme performed by students of the college followed valedictory session and vote of thanks by Dr.Simi Bora.



Photo VII: Chairperson and co- chairperson of the Technical session IV



Plate : Glimpses of the cultural programme at the end of the seminar