

National Seminar on Recent Trends in Biodiversity Status and Conservation

2024

The Department of Zoology, Assam Don Bosco University in collaboration with St. Edmund's College, Shillong and Pragiyotish College, Guwahati organized a Two-day National Seminar on ***Recent Trends in Biodiversity Status and Conservation*** on the 27th and 28th March, 2024. The aim of the Seminar was to bring together researchers, environmentalists, and conservationists from different parts of the country to discuss and delve into several key trends in the field of biodiversity conservation which include biodiversity evaluation, climate change and biodiversity loss, technology and conservation, involvement of community in conservation, policy and governance, and citizen science. The Seminar was inaugurated by Rev. Fr. (Dr.) Jose Palely, Hon'ble Vice Chancellor, Assam Don Bosco University in the presence of Rev. Fr. (Dr.) Zacharias George, Deputy Registrar and Director, School of Humanities and Social Sciences; Dr. Shampa Choudhury, Vice Principal, Pragiyotish College; Dr. Ronald KL Tron, Head, Department of Zoology, St. Edmund's College, Shillong; and Dr. Prasanta Kr Choudhury, Director, School of Life Sciences, Assam Don Bosco University; Dr. Jane Wanry Shangpliang, Head, Department of Zoology, Assam Don Bosco University and Convener of the Seminar; and participants from different Colleges, Universities, and Industries.

The Seminar witnessed a total of seven Keynote Speakers - Dr. Narayan Sharma (Cotton University, Guwahati), Mr. Neelam Dutta (Pabhoi Green), Dr. Dhruva Jyoti Sharma (Dimoria College, Khetri), Professor S.R. Hajong (North Eastern Hill University, Shillong), Mr. Debojit Das (Guwahati High Court), Professor Jogen Ch. Kalita (Gauhati University, Guwahati) and Professor HT Lalremsanga (Mizoram University, Aizawl) - who deliberated on pressing issues on the central theme of Biodiversity Conservation. There was a total of five Technical Sessions which included 26 Oral Presentations and 53 Poster Presentations. The Chairpersons and Co-Chairpersons of the Technical Sessions were Dr. Narayan Sharma, Dr. Probin Phanjom, Dr. Ronald KL Tron, Dr. Dhruva Jyoti Sharma, Dr. Duwaki Rangad, Dr. Jayanta Deka, Professor HT Lalremsanga, Dr. Sangeeta Das, Dr. Lima Hazarika, and Dr. Manasee Choudhury. The *Best Oral Presentation* was awarded to Mr. Liston Marbañiang, Research Scholar, Assam Don Bosco University for his presentation on *A Preliminary Report On The Diversity Of Grasshopper (Orthoptera: Acrididae And Pyrgomorphidae) From Meghalaya, North East India* and the *Best Poster Presentation* was awarded to Ms. Puja Baishaya, Assistant Professor, S.B. Deorah College, Guwahati for her presentation on *Impact Of Urbanisation on Functional Traits Of Birds In Guwahati City, Assam*.

The Seminar concluded with a Valedictory Session during which a Summary of the Seminar was delivered by Dr. Bakhtiar Hussain, Co-Convener of the Seminar. Dr. Hussain highlighted the key

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takeaways from the Seminar: 1. To frame policies to conserve biodiversity in urban areas. 2. To take steps in developing and promoting biodiversity based entrepreneurship. 3. To train young conservationists in the field of Taxonomy. 4. To promote awareness on endocrine disruptors and biodiversity deterioration. 5. To strengthen the network and function as a powerful think-tank for exchange of ideas to conserve biodiversity.

Mr. Langtuk Terang (Pragjyotish College), Ms. Maria K Lalhriatpuii (St. Edmund's College), and Mr. Ht. Decemson (Mizoram University) commented on the positive impact of the Seminar in enhancing their learning and research endeavours. The Seminar was attended by a total of 143 participants out of which 79 presented their research work.

The Organizers express gratitude to the sponsors - *Indian Council of Social Science Research North Eastern Regional Centre (ICSSR-NERC)*, *Assam Science Technology & Environment Council (ASTECC)*, *DS Enterprise*, *B&B Associates* and *Zoological Society of Assam (ZSA)* - for their partnership and lending their support by providing financial assistance.

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Photo: Participants of the Two-day National Seminar on Recent Trends in Biodiversity: Status and Conservation 2025

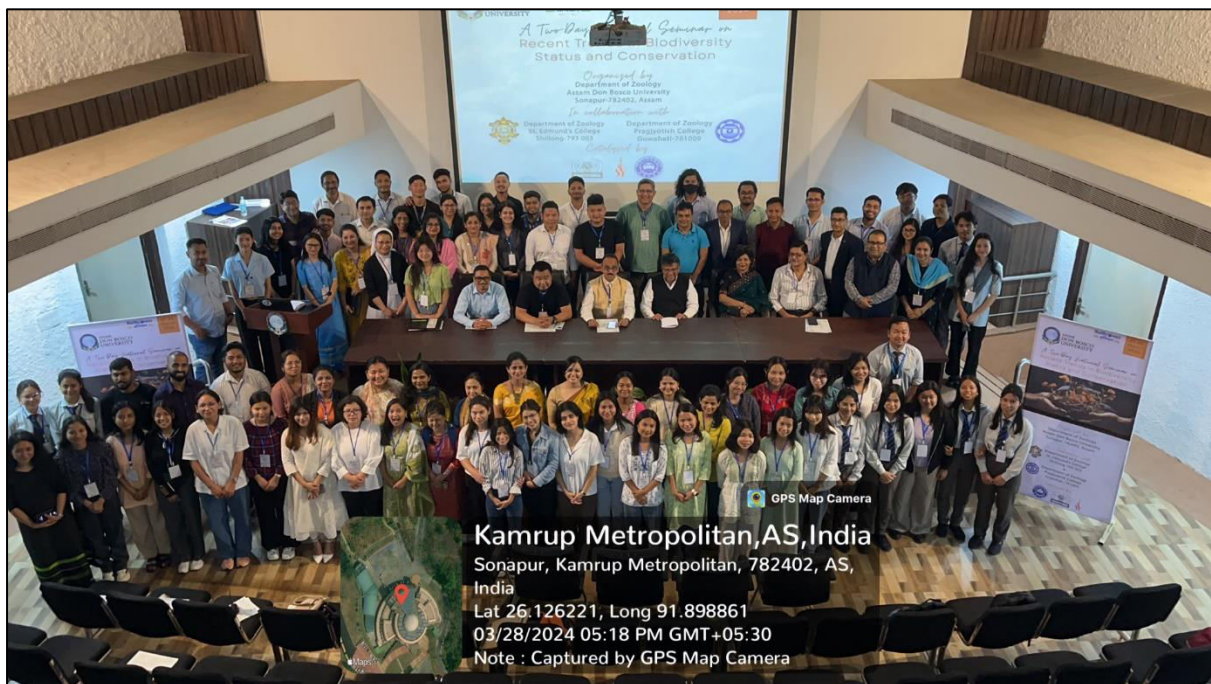


Photo: Participants of the Two-day National Seminar on Recent Trends in Biodiversity: Status and Conservation 2025



NATIONAL SEMINAR ON *RECENT TRENDS IN BIODIVERSITY STATUS AND CONSERVATION*

27th -28th March, 2024

Assam Don Bosco University, Tapesia Campus, Sonapur, Assam

Registration Details

I: Oral Presenters

Sl. No	Name Of the Participant	Designation	Affiliation	Signature
1.	Amit Kumar Sarkar	Research Scholar	Assam Don Bosco University	
2.	Anastasia Ting	Research Scholar	Assam Don Bosco University	
3.	Holiness Warjri	Research Scholar	Assam Don Bosco University	
4.	Myrul Islam	Research Scholar	Assam Don Bosco University	
5.	Myrul Islam	Research Scholar	Assam Don Bosco University	
6.	Dr. Holdingstone Kharbani	Assistant Professor	NEHU, Shillong	
7.	Abujam Romibala Devi	Research Scholar	The Assam Royal Global University	
8.	Mr. Ht. Decemson	Research Scholar	Department Of Zoology, Mizoram University, Aizawl, Mizoram	
9.	Biswa Jyoti Singha	Student	Assam Don Bosco University	
10.	Bandita Nath	Student	Gauhati University	bandita Nath.
11.	Ibansiewdor Marngar	Research Scholar	Assam Don Bosco University	
12.	Jupitara Das	Student	Assam Don Bosco University	Jupitara Das
13.	Candydora Sohkhlet	Student	Assam Don Bosco University	
14.	Cynthia Myllem Umlong	Research Scholar	Assam Don Bosco University	
15.	Sonia Mushahary	Student	Assam Don Bosco University	Sonia
16.	Shanosha Kurbah	Student	Assam Don Bosco University	
17.	Sengkamchi Ch Momin	Student	Assam Don Bosco University	
18.	Priyanka Kalita	Research Scholar	Cotton University	
19.	Barnali Das	Research Scholar	Cotton University	Barnali Das
20.	Priyanka Kalita	Research Scholar	Cotton University	Priyanka Kalita.

21.	Daphihi Ymbon	Student	Assam Don Bosco University	<i>Daphihi Ymbon</i>
22.	Arpita Bardoloi	Faculty	Dakshin Kamrup College, Mirza, Assam	<i>Arpita Bardoloi 27/3/24</i>
23.	Trishna Deka	Faculty	Dakshin Kamrup College, Mirza, Assam	<i>Trishna Deka 27/3/24</i>
24.	Renu Gogoi	Research Scholar	Cotton University	<i>Renu Gogoi 23/3/24</i>
25.	Ruksha Limbu	Research Scholar	RIMT, University Mandi Gobindgarh, Punjab,	<i>R. Limbu</i>
26.	Kunal Dutta	Student	Pragjyotish College	<i>Kunal Dutta</i>
27.	Ellora Choudhury	Assistant Professor	Dakshin Kamrup College, Mirza, Assam	<i>Ellora Choudhury</i>
28.	Manash Pratim Rajbongshi	Student	Assam Don Bosco University	<i>Manash Pratim Rajbongshi</i>
29.	Jibesh Basumatary	Research Scholar	Assam Don Bosco University	<i>Jibesh Basumatary</i>
30.	Michelle Khongwir	Assistant Professor	St. Edmund's College, Shillong.	<i>Michelle Khongwir</i>
31.	Bikramjit Goswami	Associate Professor	Assam Don Bosco University	<i>Bikramjit Goswami</i>
32.	Emma Magdalene Nonglang	Research Scholar	Assam Don Bosco University	<i>Emma Magdalene Nonglang</i>
33.	Yumkham Shelina Devi	Research Scholar	Assam Don Bosco University	<i>Y. Shelina</i>
34.	Amlan Aditya Goswami	Research Scholar	Cotton University	<i>Amlan Aditya Goswami</i>
35.	Ankita Basumatari	Student	St. Edmunds College, Shillong	<i>Ankita Basumatari</i>
36.	Mitali Chetia	Research Scholar	Assam Don Boso University	
37.	Liston Marbaniang	Research Scholar	Assam Don Bosco University	<i>Liston Marbaniang</i>
38.	PI Gracy	Research Scholar	Assam Don Bosco University	<i>Gracy</i>
39.	Neeharika Gogoi	Research Scholar	Cotton University	<i>Neeharika Gogoi</i>
40.	Dr. Sangeeta Das	Assistant Professor	Pragjyotish College	<i>Sangeeta Das 27/3/24</i>
41.	Mr. Langtuk Terang	Assistant Professor	Pragjyotish College	<i>Langtuk Terang 27/3/24</i>
42.	Dr. Seemashri Bora	Assistant Professor	Pragjyotish College	<i>Seemashri Bora 27/3/24</i>
43.	Saranga Pani Saikia	Research Scholar	Assam Don Bosco University	
44.	Dr. Jayanta Deka	Associate Professor	Pragjyotish College	<i>Jayanta Deka 27/3/24</i>
45.	Rashmi Rekha Bhagawati	Research Scholar	Assam Don Bosco University	<i>RR Bhagawati</i>
46.	Leo Lakra	Research Scholar	Assam Don Bosco University	<i>Leo Lakra</i>

47.	Wonder Grace Kurbah	Student	Assam Don Bosco University	<i>W</i>
48.	Golphina Ahmed	Student	USTM	<i>Ahmed</i>
49.	Riya Phukan	Student	Pragjyotish	<i>Phukan</i>
50.	Bitupan Deka	Student	Cotton University	<i>Bitupan</i>
51.	Nripendra Kumar Choudhury	Assistant Professor	Dakshin Kamrup College, Mirza.	<i>for Em 20/3/24</i>
52.	Sagarika Das	Research Scholar	Assam Down Town University	<i>Das 28/3/24</i>
53.	Dr. Reshmi Bhattacharjee	Assistant Professor	Birjhora Mahavidyalaya	
54.	Dr. Seema Kaur	Assistant Professor	Pragjyotish College	<i>for 20/3/24</i>

II: Poster Presenters

Sl. No	Name Of the Participant	Designation	Affiliation	Signature
1.	Nodowe M Marak	Student	Assam Don Bosco University	N. M Marak
2.	Judy Mary Mystica Pohlong	Student	Assam Don Bosco University	Judy Mary Mystica Pohlong
3.	Vanlalhruaia	Student	Mizoram University	Vanlalhruaia
4.	Keisham Sarita Devi	Student	Assam Don Bosco University	K. Sarita Devi
5.	Thongam Monita Devi	Student	Assam Don Bosco University	Th. Monita Devi
6.	Dakahipaya Chyrmang	Student	Assam Don Bosco University	D. Chyrmang
7.	Vicky A Lamare	Student	Assam Don Bosco University	Vicky A Lamare
8.	Inkamchi A Sangma	Student	Assam Don Bosco University	Inkamchi A Sangma
9.	Millennium K. Marak	Student	Assam Don Bosco University	Millennium K. Marak
10.	Nitin Lalnunpui	Student	Assam Don Bosco University	Nitin
11.	Janubi Rabha	Student	Assam Don Bosco University	J. Rabha
12.	Sandhya Islary	Student	Assam Don Bosco University	S. Islary
13.	Kordorlin Pariong	Student	Assam Don Bosco University	K. Pariong
14.	Simon N Marak	Student	Assam Don Bosco University	Simon Marak
15.	Colosal Malang	Student	Assam Don Bosco University	Colosal Malang
16.	Riiung Phawa	Student	Assam Don Bosco University	Riiung Phawa
17.	Balkambe G Momin	Student	Assam Don Bosco University	Balkambe
18.	Madonna Wary	Student	Assam Don Bosco University	Madonna
19.	Dimpi Das	Student	Assam Don Bosco University	Dimpi Das
20.	Mandahaka Kya	Student	Assam Don Bosco University	M. Kya
21.	Miraculous Kharumnuid	Student	Assam Don Bosco University	Miraculous Kharumnuid
22.	Cheanchi Chekame N Marak	Student	Assam Don Bosco University	Cheanchi Marak

23.	Ruth Ainyra K Sangma	Student	Assam Don Bosco University	Ruth Sangma
24.	Tanmayee Borah	Student	Assam Don Bosco University, Tapesia Campus	Tanmayee Borah.
25.	Dimpi Ghosh	Student	Assam Don Bosco University	Dimpi Ghosh.
26.	Nikita Mili	Student	Assam Don Bosco University, Tapesia Campus	Nikita mili
27.	Dr. Innifa Hasan	Assistant Professor	Handique Girls'college	J. Hasan
28.	Dr. Dipjyoti Haloi	Assistant Professor	Handique Girls'college	Dr.
29.	Avishek Das	Student	St. Edmund's College (Nehu).	Avishek Das.
30.	Treferous Shylla	Student	Nehu	T. Shylla
31.	Esther Lalhmingmawi Hmar	Student	St Edmund's College (Nehu)	E. Hmar
32.	Violina Hazarika	Research Scholar	Cotton University	Violina Hazarika
33.	Maria K Lalhriatpuii	Student	St. Edmund's College, Shillong	
34.	Puja Bishaya	Assistant Professor	S.B. Deorah College	
35.	Rohit Purkayastha	Student	Pragiyotish College, Guwahati University	
36.	Lupamudra Borah	Research Scholar	Cotton University	L. Borah.
37.	Maitreyee Goswami	Student	Pragiyotish College	M. Goswami 27/3/24
38.	Suchi Parna Roy	Research Scholar	Cotton University	Suchi 27/3/24
39.	Ankita Sharma	Research Scholar	Cotton University	Ankita Sharma 28/3/24
40.	Annu Kumari	Assistant Professor	The Assam Royal Global University	

41. Anujam Ranikala Devi, Research Scholar The Assam Royal Global University.

III: Participation ONLY

Sl. No	Name Of The Participant	Designation	Affiliation	Signature
1.	Shweta Narzary	Student	Assam Don Bosco University	Shweta Narzary
2.	E Asakho Chachei	Student	Assam Don Bosco University	E Asakho Chachei
3.	Natasha Boruah	Student	Assam Don Bosco University	Natasha Boruah
4.	Ktharti Reang	Student	Assam Don Bosco University	Ktharti Reang
5.	Manikho Simon	Student	Assam Don Bosco University	Manikho Simon
6.	Steven Josaiah Syiemlieh	Student	Assam Don Bosco University	Steven Josaiah Syiemlieh
7.	M.Zerina Jamatia	Student	Assam Don Bosco University	M.Zerina Jamatia
8.	Taru Binyo	Student	St. Edmund's College, North Eastern Hill University, Shillong	Taru Binyo
9.	Dhiraj Kumar Das	Student	Assam Don Bosco University	Dhiraj Kumar Das
10.	N. Victoria Devi	Student	Assam Don Bosco University	N. Victoria Devi
11.	Stallone Kamei	Student	Assam Don Bosco University	Stallone Kamei
12.	Chorten Lhamu	Student	North Eastern Hill University, St. Edmund's College, Shillong	Chorten Lhamu
13.	Felina Haokip	Student	St. Edmund's College, Shillong	Felina Haokip
14.	Amee Limbu	Student	St. Edmund's College, Shillong	Amee Limbu
15.	Jaksram M Sangma	Student	St. Edmund's College, Shillong	Jaksram M Sangma
16.	Effort Dhar	Student	St Edmunds College, Shillong	Effort Dhar
17.	Medemnochet Longchar	Student	St. Edmund's College, Shillong	Medemnochet Longchar
18.	Himasmita Barman	Student	St. Edmunds College, Shillong	Himasmita Barman
19.	Tarh Rich	Student	Assam Don Bosco University	Tarh Rich
20.	Nirmalata Basumatary	Student	Assam Don Bosco University	Nirmalata Basumatary
21.	Melarishisha Lynser	Student	Assam Don Bosco University	Melarishisha Lynser

22 Sasa

Spot Registratⁿ
Day 1 + Day 2.

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Recent Trends in Biodiversity Status and Conservation

SPOT REGISTRARTION

Sl. No	Name	Designation	Affiliation	Amount Paid
✓ 1	Sasa Apollo	Student	ADBU, Botany	₹ 750
2	Dr. Ronald Kuper Lyngdoh Tiron	TEACHER	St. EDMUNDS COLLEGE, SHILLONG	Rs 2500
3.	L. BIRMALA SINGHA	STUDENT	ADBU, Zoology	₹ 750
4.	Dr. Khirad Sankar Das	Teacher	Bhawanipur Anchalik college	1500/-
5.	Dr. Papore Devi	Teacher	Arya Vidyapeeth College (Autonomous)	2500/-
6.	Dr. Jayanta Gogoi	Asst. Prof.	Arya vidyapeeth (A)	2000/-
7.	Dr. Nabin Saikia	Asst Prof.	Arya Vidyapeeth College, (A)	2500/2

ABOUT ASSAM DON BOSCO UNIVERSITY

Assam Don Bosco University (ADBU) is established as the first State University of Assam in the private sector on 29 March 2008, and set up by Don Bosco Society in response to the felt educational needs of the people of North-East India. In a little over 10 years, Assam Don Bosco University has become one of the best Universities in the Northeast and has the distinction of being the only private University in Assam with an 'A' Grade from National Assessment and Accreditation Council (NAAC). The University has also been given a 12B status by the University Grants Commission, hence, becoming the first private University to attain this status in North East and the fourth in the country.

The vision of the University is *'To mould young persons into intellectually competent, morally upright, socially committed and spiritually inspired citizens at the service of India and the world of today and tomorrow, by imparting holistic and personalized education.'*

ABOUT DEPARTMENT OF ZOOLOGY

The Department of Zoology, under the School of Life Sciences was established in the year 2017 with PhD Programme and MSc Zoology with specializations in Entomology, Fishery Science, Animal Ecology and Wildlife Biology, and Cell and Molecular Biology. These specializations are being offered keeping in mind the ever-rising demand for specialists in public health, wildlife management, pharmaceutical companies, environmental impact assessment studies, food processing industries, agriculture and animal husbandry, and well-informed researchers and educators. In 2019, the Department also launched BSc (Honours) Zoology.

As the Department is housed in the Tapesia Campus which is very rich in flora and fauna, the Department organizes nature walk, birdwatching and other wildlife observation activities which expose students of Zoology to real-life experience of nature. In addition, the Department has well-equipped laboratories and dedicated, qualified and friendly faculty.

ORGANIZING COMMITTEE

President	: Rev. Fr. (Dr.) Jose Palely
Working President	: Dr. Prasanta Kr Choudhury
Convener	: Dr. Jane Wanry Shangpliang
Co-convener	: Dr. Bakhtiar Hussain
Treasurer	: Dr. Lima Hazarika
Advisors	: Rev. Br. (Dr.) Simon Coelho Prof. Saibal Sengupta Prof: J.N. Vishwakarma Mr. Priyabrat Lahkar

MEMBERS

Prof. Saibal Sengupta, Dr. Yumnam Lokeshwor Singh, Dr. Madhurima Das, Dr. Anoop Karunakaran, Dr. Manasee Choudhury, Dr. Yungkham Rajeevkumar Singh, Dr. Ronald K.L Tron, Dr. Duwaki Rangad, Dr. P. Wankitlang Shangpliang, Ms. Mebari Vanessa R. Dorphang, Mr. Graham B. Rane, Mr. Dadul Kalita, Ms. Julie Morang, Mr. Abhijit Das, Mr. Tarsius Ishorary, Mr. Wilson Mathew

HOW TO REACH

From LGBI Airport: 44km

By Taxi, it will take 1hr 35mins approximately.

From ISBT: 23.5km

By Taxi or Public Transport, it will take 51mins approximately.

From Guwahati Railway Station: 24.2km

By Taxi, it will take 1hr 15mins approximately.

FOR FURTHER INFORMATION

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saibal.sengupta@dbuniversity.ac.in (+91 8134 994 506)

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A Two-Day National Seminar on Recent Trends in Biodiversity Status and Conservation



Organized by
Department of Zoology
Assam Don Bosco University
Sonapur - 782402, Assam

in collaboration with
Department of Zoology
St. Edmund's College
Shillong – 793003

&
Zoological Society of
Assam



ASSAM
DON BOSCO
UNIVERSITY
NAAC 'A' Grade



ABOUT THE SEMINAR

Biodiversity forms the complex web of biological diversity that sustains our planet, is undergoing rapid transformations. The variety of life on Earth, is facing unprecedented challenges due to factors such as habitat loss, climate change, and unsustainable human activities. Bio- diversity research is crucial for various reasons, encompassing ecological, economic, social, and scientific aspects and to pro- vide essential insights into the functioning of ecosystems and the interconnectedness of all living organisms. However, in the face of unparalleled environmental changes and challenges biodiversity in this planet is undergoing rapid transformations causing ecological instability due to factors such as habitat loss, climate change, and unsustainable human activities. To address these issues and explore innovative solutions, we propose organizing a National Seminar on “Recent Trends in Biodiversity and Conservation.” This seminar aims to provide a platform for researchers, scientists, conservationists, policy- makers, and stakeholders to discuss and exchange insights on the latest trends, challenges, and advancements in the field of biodiversity and conservation.

The Seminar shall span over two days, and it will be conducted in an offline mode only. There will be simultaneous sessions each day.

Sub-themes of the Seminar:

1. Biodiversity and Climate Change
2. Economic and Sustainable Development towards Biodiversity
3. Legal Aspects of Biodiversity
4. Aquatic and Terrestrial Biodiversity and Conservation
5. Bioresource utilization and Bioprospecting
6. Biodiversity conservation and tourism sustainability
7. Computational Tools for assessing Genetic Diversity in Endangered Species
8. Biodiversity-related Human Behaviors and Institutions
9. Environmental sustainability- indigenous knowledge and practices for biodiversity conservation

RESOURCE PERSONS

SI No.	Names
1	Prof. Jogen Ch. Kalita , Gauhati University
2	Prof. Sudanya Ray Hajong , NEHU
3	Dr. Narayan Sharma , Cotton University
4	Dr. Dhruva Jyoti Sharma , Dimoria College
5	Dr. H.T.Lalremsanga , Mizoram University
6	Mr. Debojit Das , Gauhati High Court
7	Mr. Neelam Dutta , Pabhoi Green

IMPORTANT DATES

- **Dates of Seminar:** 27th & 28th March 2024
- **Last Date of Registration:** 22nd March 2024
- **Last Date of Abstract Submission:** 10th March 2024

ABSTRACT SUBMISSION DETAILS

The Abstract should be in the following format:

- Title: Times New Roman, Bold, Capital, 12
- Author's Name & Details: Times New Roman, Italics, 11 (Presenter's name must be marked with *)
- Abstract Content: Times New Roman, 11
- Word Limit: 250 with minimum 3 key words. The Abstract has to be submitted through email to Dr. Jane Shangpliang

Email ID: adbuseminar2024@gmail.com

POSTER SPECIFICATIONS

- **Poster size:** 3ft (breadth) x 6ft (length)

FULL PAPER PUBLICATION DETAILS

After peer review, the selected papers will be published.

REGISTRATION FEE

Participation Category	Early Bird	Late Registration
Students	600	750
Research Scholars	1200	1500
Faculty & Others	2000	2500
Accompanying Person	3000	3000

BANK ACCOUNT DETAILS

Account Name : Assam Don Bosco University
Account Number : 922010012834978
IFS Code : UTIB0001297
Bank Name : AxisBank
Branch Name : Khanapara

Registration Link: <https://forms.gle/KKRJ4xjyFfV4do6Z7>



Scan to register