

# International Conference on **Traditional Knowledge**

(Exploring Traditional Knowledge: Bridging Past and Future)

**Date: 22<sup>nd</sup> & 23<sup>rd</sup> March, 2024**

*Organized by*

## **Internal Quality Assurance Cell (IQAC)**

Nowgong College (Autonomous)  
(Upgraded to Nagaon University)  
Nagaon-782001, Assam

*In Collaboration with*

## **Research and Development Cell**

Nowgong College (Autonomous)  
(Upgraded to Nagaon University)



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# INVITATION

Dear Sir/ Madam,

It gives us immense pleasure to inform you that the Internal Quality Assurance Cell (IQAC), in association with Research and Development Cell of Nowgong College (Autonomous) is going to organize an International Conference on “Traditional Knowledge (Exploring Traditional Knowledge: Bridging Past and Future)” on 22nd and 23rd March, 2024. Your kind cooperation and active participation in the conference is highly solicited. You and your esteemed colleagues’ participation will make the conference a grand success.

With regards,

**Dr. Ranjit Kr. Mazindar**

Principal (i/c) & President

**Dr. Bhuban Ch. Chutia**

Organizing Secretary & Convener

International Conference Organizing Committee  
Nowgong College (Autonomous)  
(Upgraded to Nagaon University)  
Nagaon-782001, Assam

## International Conference Steering Committee

### Advisor(s)

**Dr. Sarat Kr. Dutta**, President, Governing Body, Nowgong College (Autonomous)

**Prof. Sarat Ch. Kakaty**, Dean, School of Science, Dibrugarh University, Dibrugarh, Assam

**Dr. Sarat Borkataki**, Member, NEP 2020 Implementation Monitoring Committee, Govt. of Assam & Former Principal Nowgong College (Autonomous)

**Prof. Achintya Bezbaruah**, Ph.D Gehrts Presidential Professor Civil, Construction and Environmental Engineering North Dakota State University

**Prof. Utpal Bora**, Professor of Biosciences and Bioengineering, Department of Biosciences and Bioengineering, Indian Institute of Technology Guwahati, Guwahati 781039, Assam, India & Member, CRC of Nowgong College (Autonomous)

**Prof. Probodh Borah**, Professor & Head, Department of Animal Biotechnology, College of Veterinary Science, AAU, Khanapara, Guwahati-22 & Member, CRC of Nowgong College (Autonomous)



**Prof. Bhaben Tanti**, Professor & Head, Department of Botany & Director of IQAC, Gauhati University, Ghy-14 & Member, Academic Council of Nowgong College (Autonomous)

**Prof. Jayanta Krishna Sarmah**, Dean, Faculty of Arts, Gauhati University

**Prof. Sudeshna Bhattacharjya**, Department of Sanskrit, Gauhati University

**Dr. Bhujang Bobade**, Director, RFRF, BSM Nagpur, Maharashtra - 440022

**Dr. Deep Jyoti Bhuyan**, Research Support Program Fellow - Healthy Ageing International Engagement Coordinator, NICM Health Research Institute, Western Sydney University

**Dr. Jagannath Biswakarma**, UKRI-endorsed Global Talent Environmental Scientist School of Earth Sciences, University of Bristol, Bristol, BS8 1RJ United Kingdom

#### **President:**

**Dr. Ranjit Kumar Mazindar**, Principal (i/c)  
Nowgong College (Autonomous)

#### **Working President:**

**Dr. Farishta Yasmin**,  
Academic Member Secretary, Nowgong College (Autonomous)

#### **Organizing Secretary & Convener:**

**Dr. Bhuban Chandra Chutia**, Coordinator,  
IQAC, Nowgong College (Autonomous)

#### **Assistant Secretary :**

1. **Dr. Sabreen Ahmed**, Department of English, Nowgong College (Autonomous)
2. **Dr. Priyanki Sharma**, Department of Zoology, Nowgong College (Autonomous)
3. **Dr. Dimpal Dekaraja**, Department of Economics, Nowgong College (Autonomous)
4. **Dr. Aarani Saikia**, Department of History, Nowgong College (Autonomous)
5. **Dr. Madhurjya Lalung**, Department of Physics, Nowgong College (Autonomous)

#### **Organizing Committee Member (s):**

1. **Dr. Pulin Ch. Borah**, Vice Principal, Nowgong College (Autonomous)
2. **Dr. Sanjay De**, Department of Bengali, Nowgong College (Autonomous)
3. **Dr. Bappa Ranjan Das**, Department of Philosophy, Nowgong College (Autonomous)
4. **Dr. Pallabi Goswami**, Department of Chemistry, Nowgong College (Autonomous)
5. **Dr. Ananya Hiloidari**, Department of English, Nowgong College (Autonomous)
6. **Dr. Padmeswar Senapati**, Department of Mathematics, Nowgong College (Autonomous)
7. **Ms. Shirumoni Hazarika**, Department of History, Nowgong College (Autonomous)



8. **Dr. Nabaprasad Nath**, Department of Philosophy, Nowgong College (Autonomous)
9. **Dr. L.J. Borthakur**, Department of Chemistry, Nowgong College (Autonomous)
10. **Mr. Bidyut Das**, Department of Statistics, Nowgong College (Autonomous)
11. **Dr. Karabi Devi**, Department of Hindi, Nowgong College (Autonomous)
12. **Dr. Prasanta Khanikar**, Department of Education, Nowgong College (Autonomous)
13. **Dr. Afzalur Rahman**, Department of Education, Nowgong College (Autonomous)
14. **Dr. L.M. Goswami**, Department of Zoology, Nowgong College (Autonomous)
15. **Dr. Rashmi Rekha Bora**, Department of Physics, Nowgong College (Autonomous)
16. **Dr. Jyotismita Das**, Department of Zoology, Nowgong College (Autonomous)
17. **Dr. Kumud Das**, Department of Botany, Department of Philosophy, Nowgong College (Autonomous)
18. **Mr. Rishi Bhargav Das**, Department of Commerce, Nowgong College (Autonomous)
19. **Dr. Manas Jyoti Nirmalia**, Department of Assamese, Nowgong College (Autonomous)
20. **Dr. Puspa Saikia**, Department of Sanskrit, Nowgong College (Autonomous)
21. **Dr. Chandan Hazarika**, Department of Sanskrit, Nowgong College (Autonomous)
22. **Dr. Purboshri Borpuzari**, Department of Sanskrit, Nowgong College (Autonomous)

### **ABOUT NOWGONG COLLEGE (AUTONOMOUS)**

Established on August 7, 1944, Nowgong College (Autonomous) is a dynamic institution of higher education, situated at the heart of Nagaon district in Assam. The college offers vibrant undergraduate and postgraduate programmes in Arts, Commerce, and Science, cultivating standout talents and holding a prestigious position in the state. In its dynamic 79-year journey, Nowgong College has evolved from a single Arts stream to a powerhouse trio, serving 3609 students with an impressive faculty strength. The institution is a hotbed of creativity, boasting of 450 publications in the last 5 years. Its academic spectrum includes 24 UG & 12 PG Disciplines, 09 Ph.D. Disciplines, and 03 Open and Distance Learning Centres.

The college's achievements span UGC-funded programmes, DST-funded projects, an Advanced Biotech Hub, and a STI Hub, showcasing an unwavering commitment to excellence. Recognized for quality education, it proudly wears Autonomous status from UGC, with a sparkling CGPA of 3.27 through four dynamic NAAC accreditation cycles. Acknowledged as a Mentor Institute by NAAC and UGC, the college is a chosen player for the MHRD's Institutional Innovation Cell.

In the pursuit of a Clean, Green, and Swachh Campus, Nowgong College secured the prestigious "District Green Champion Award" for 2020-2021. In a grand moment in 2023, the Government of Assam elevated the institution to "Nagaon University" under The Nagaon University Act, 2023 (Assam Act No. LIX of 2023).

### **How to reach Nowgong College (Autonomous):**

Nowgong College (Autonomous), a pioneer Institution of higher education is located about 120 km to the east of Guwahati city in the heart of Nagaon district. It is well connected by road/rail and both ASTC and public buses ply regularly from Guwahati and other parts of the state. The nearest airport is Lokapriya Gopinath Bordoloi Airport in Guwahati, located 140 km from Nagaon town, while the closest Railway station is Guwahati Railway station situated 120 km away from Nagaon town.

### Attractive visiting places in and around Nagaon:

Bordowa Than (ITDC recommended tourist spot), Alipukhuri Patkibari Than, Chapanola waterfalls, Kaziranga National Park, Laokhowa Burhachapori WLS, Maha Mritunjay Mandir, etc.

**Local Sightseeing :** The organizing committee is delighted to offer participants the opportunity to enjoy a local sightseeing tour upon advance request, with charges applicable. For details and bookings regarding the local sightseeing tour, kindly approach the registration desk.

**Accommodation :** Budget accommodation In Nagaon town is accessible, with prices ranging from INR 1500 to INR 4500. The organizing committee is ready to assist with hotel reservations upon advance request. Participants are responsible for covering any accommodation related expenses. During March Nagaon enjoys a pleasant climate characterized by temperatures tripicaly ranging from 20<sup>0</sup> C to 27<sup>0</sup> C.



### About the Conference

In today's rapidly changing world, marked by technological advancements and global interconnectivity, it is crucial that we don't forget about the invaluable wisdom that has sustained human societies for centuries. Traditional Knowledge (TK) is the collective wisdom of communities and their ancestors. It contains insights, practices, and heritage that shape our relationship with the environment, health, culture, and sustainable livelihoods.

The International Conference on Traditional Knowledge is planned to celebrate the profound and holistic nature of Traditional Knowledge. It acknowledges that this knowledge, often transmitted orally and informally, holds the key to our ability to coexist harmoniously with our natural surroundings and with each other. Traditional Knowledge epitomizes the bridge between the past and the future, offering us timeless solutions to contemporary challenges.

The decision to organize the International Conference on Traditional Knowledge in the central North-Eastern region of India stems from a profound recognition of the diverse and intrinsic importance of Traditional Knowledge within the global cultural, ecological, and economic landscape. Traditional Knowledge, characterized as a repository of unwritten knowledge, practices, and customs transmitted orally and informally across generations, is integral to addressing contemporary challenges in agriculture, resource management, health, and the preservation of cultural heritage.

At the core of this motivation lies an acknowledgment of the enduring and transformative power of Traditional Knowledge. This knowledge embodies the intricate interplay between human societies and their natural environments, shaping landscapes into cultural domains while forging ecological symbiosis. With a legacy spanning generation, TK represents the essence of resilience, sustainability, and harmonious coexistence with nature. Here are the core motivations driving the need for this conference:

**Preservation of Cultural Heritage:** Indigenous communities around the world possess unique cultural identities intertwined with their Traditional Knowledge. These traditions and practices are not just historical artifacts; they are living, dynamic aspects of culture that deserve recognition, respect, and protection. By organizing this conference, we aim to celebrate and preserve these living legacies.

**Sustainable Practices:** Traditional Knowledge offers sustainable solutions to challenges such as agriculture, resource management, and healthcare. In an era characterized by environmental concerns and climate change, it is imperative that we revisit these practices to create a more sustainable and resilient future.

**Intellectual Property and Rights:** Traditional Knowledge, despite its significance, often lacks the protection it deserves in the realm of intellectual property. Through this conference, we aim to shed light on the need for a balanced approach to protect the rights of indigenous communities while allowing for the sharing of this valuable knowledge for the benefit of all.

**Knowledge Economy:** Indigenous experts, revered within their communities, have an essential role to play in shaping the knowledge economy. By bringing together experts and scholars, this conference will explore how Traditional Knowledge can be harnessed to create sustainable livelihoods and empower indigenous communities economically.

**Global Collaboration:** Traditional Knowledge is not bound by geographical or cultural borders. It transcends these limitations, offering a universal wisdom that can benefit the entire humanity. This conference seeks to foster global collaboration, allowing diverse cultures to come together, learn from each other, and collectively address the challenges of our time.

To conclude, the motivation behind the International Conference on Traditional Knowledge is driven by the belief that by acknowledging and preserving this rich heritage, we can find sustainable solutions to cope with contemporary global challenges. We envision a world where Traditional Knowledge is not just celebrated but integrated into modern practices, ensuring the well-being of current and future generations. We invite you to be a part of this remarkable journey as we explore, honor, and safeguard the living wisdom of our ancestors for a brighter and more sustainable future.

## THEMATIC AREAS

### A. Traditional Knowledge and Sustainable Agriculture

- Sustaining the Earth: Traditional Agricultural Practices
- The Role of Indigenous Wisdom in Crop Management

### B. Traditional Medicine and Health Practices

- Holistic Health, Psychology, Neuroscience, Nature, Environment & Sustainable Development
- Healing through Heritage: Traditional Medicine in the Modern World
- Childbirth and Healing: The Legacy of Indigenous Knowledge

### C. Traditional Arts, Crafts, and Cultural Preservation

- Preserving Culture through Craftsmanship: Traditional Arts and Crafts
- Music, Rituals, and Dance: Traditional Performing Arts

### D. Traditional Resource Management and Conservation

- Plant and Animal Bioresources Sustainable Livelihood
- Conserving Natural Resources: Indigenous Practices in Resource Management

• Biodiversity Sustainability: Wisdom from Indigenous Communities

#### E. Knowledge Economy and Indigenous Experts

- Indigenous Knowledge in the Modern Economy: A Sustainable Future
- Empowering Indigenous Communities through Knowledge Sharing

#### F. Intellectual Property Rights and Traditional Knowledge

- Legacies Worth Protecting: The Challenges of IP in Traditional Knowledge
- Preserving Cultural Heritage: Balancing Rights and Recognition

### ABSTRACT AND FULL PAPER SUBMISSION

The organizing committee invites delegates / participants to submit abstract for presentation (oral or poster) along with full paper under the given thematic areas. All contributions (posters, talks and keynote lectures) in the form of an abstract, including all authors, will be available on Zenodo, a rapidly growing open-access international platform. Further, full papers will be considered for publication in an international peer-reviewed journal by a reputed publishing house.

The manuscript / abstract must be written in English with the title of the paper, name of author (s), and designation. The abstract should not exceed 250 words.

The title should be clear, descriptive and not too long. It should be typed in bold letter in upper-lower case. There should be the use of subjective statement only.

The title will be followed by name(s) of author(s), followed by complete address of affiliation with PIN/ZIP, without designation, superscripted with numerical, e.g. M. K. Deb<sup>1</sup>, S. S. Rathore<sup>1</sup>, S. B. Singh<sup>2</sup>, P. K. Yadav<sup>3</sup> and Prakash Singh<sup>4</sup>, followed by address of affiliation.

All abstracts must be submitted through online (along with registration form) or sent as e-mail attachment to [ictknowgongcollege@gmail.com](mailto:ictknowgongcollege@gmail.com) addressing the Organizing Secretary, on or before **5<sup>th</sup> March, 2024**.

The full papers must be submitted on or before **15<sup>th</sup> March, 2024** as per the Author's Guidelines.

### PRESENTATION

Abstracts under the given thematic areas will be selected for oral / poster presentation. The lead speaker will be given 15 minutes (including discussion) for the presentation.

The speakers of contributory papers will be given 8 minutes including discussion.

For poster presentation, the size of the poster should be 80 cm (B) x 100 cm (L), briefly showing title, Author's Name & Address, Introduction with Objective, Methodology, Results and Discussion (Tables, Figures and Photographs), bulleted Summary or Conclusion.

The poster should be designed attractively with appropriate colour scheme so that the content is readable from a distance of at least one meter.

The organizing committee reserves the right to delegate the mode of presentation depending on the number of papers and merit of the paper based on originality/novelty of research work. Not more than two abstracts/papers from each participant will be entertained.

**INVITED / LEAD SPEAKERS :** Leading scientists or faculties in the relevant subjects of the conference will be invited as speaker.

**PEER REVIEW PROCESS:** All manuscripts are subject to peer-review and are expected to meet the scientific criteria of significance and academic excellence.

#### REGISTRATION FEES

Types of Delegates	Offline Presentation (INR)	Online* Presentation (INR)
Faculty	2500.00	1000.00
Research Scholar	1500.00	(Online mode is available only for out of state participants)
Student	750.00	
Accompanying Persons	1000.00	
Others	2500.00	

#### N.B.:

1. Online presenter and accompanying persons are not entitled to the Registration Kit.
2. Fees of foreign participants in online mode : INR 1000/- (Foreign participants are requested to contact at [icthnowgongcollege@gmail.com](mailto:icthnowgongcollege@gmail.com) for international gateway payment details)
3. Online mode of presentation is available only for out of state and foreign participants.
4. There will be no provision for Online poster presentation.
5. Prizes will be given to outstanding poster presentations.

#### CONTACT DETAILS

Dr. Bhuban Ch Chutia, (7002133245)  
Dr. Dimpal Dekaraja, (9085080202)  
Dr. Priyanki Sarma, (9864465696)  
Dr. Sabreen Ahmed, (9435362020)  
Dr. Aarani Saikia, (7002687102)  
Dr. Madhurjya Lalung, (8472911962)  
Mr. Abhijit Ch Roy, (8876983074)  
Mr. Ujjal Bordoloi, (7002126708)  
Mr Chidananda Nath, (7002601499)

 [icthnowgongcollege@gmail.com](mailto:icthnowgongcollege@gmail.com)

#### PAYMENT DETAILS

**Account Name:** FACULTY IMPROVEMENT FUND

**Account No.:** 7257010036449

**IFSC Code:** PUNB0RRBAGB

**Name of the Bank:** Assam Gramin Vikash Bank

**Branch Name:** Nagaon

**Mode of payment:** Net Banking (NEFT / RTGS) and for other mode of payment, kindly contact the Convener

**Please try to avoid cheque / demand draft**

The Registration Form is available in the official website, <https://www.nowgongcollege.edu.in>. Delegates need to submit the duly filled up form through online mode only.

The Registration fee includes Conference Kit, Tea & Snacks, Lunch (two days) during the conference.