



# 7<sup>th</sup> INTERNATIONAL CONFERENCE ON ADVANCES IN AGRICULTURE TECHNOLOGY AND ALLIED SCIENCES

(ICAATAS 2024) on September 15-16, 2024  
HYBRID MODE (OFFLINE / ONLINE)

JOINTLY ORGANIZED BY  
SOCIETY OF AGRICULTURE RESEARCH AND SOCIAL DEVELOPMENT (NEW DELHI),

SCHOOL OF AGRICULTURE AND ALLIED SCIENCES, THE NEOTIA UNIVERSITY, WEST BENGAL (ICAR ACCREDITED) & SOUTHERN FEDERAL UNIVERSITY, ROSTOV-ON-DON, RUSSIA



## PUBLICATION PARTNERS

- Stress Biology (Q1, Publication Charge is Free)
- Eurasian Journal of Soil Science (Q3, Publication Charge is Free)
- Egyptian Journal of Soil Science (WOS, Publication Charge is Free)
- International Journal of Research in Agronomy (NAAS- 5.20)
- International Journal of Agriculture Extension and Social Development (NAAS- 5.04)
- International Journal of Advanced Biochemistry Research (NAAS- 5.29)
- International Journal of Statistics and Applied Mathematics (NAAS- 4.49)
- International Journal of Veterinary Sciences and Animal Husbandry (NAAS- 4.61)
- Vigyan Varta An International E-Magazine for Science Enthusiasts

**IMPORTANT DATES -** LAST DATE FOR REGISTRATION 10TH SEPT. 2024, LAST DATE FOR ABSTRACT SUBMISSION - 10TH SEPT. 2024, LAST DATE FOR BOOK CHAPTERS/ARTICLES /PAPER SUBMISSION- 10TH SEPT. 2024, LAST DATE FOR AWARD NOMINATION 14TH SEPT. 2024



## SCAN

FOR REGISTRATION

<https://forms.gle/YC5Ke73hJqnDwuFr9>

## CONTACT DETAILS-

DIPTANU BANIK (CHIEF ORGANIZING SECRETARY, 7005652842)  
ASHIRBACHAN MAHAPATRA (CONVENER, 7008461263)  
ROHIT THAKUR (CO-ORGANIZING SECRETARY, 8077868255)  
ANJAN GHOSH (CONFERENCE COORDINATOR, 9002092153)  
MADAN KUMAR JHA ( CO-ORGANIZING SECRETARY, 7987429148)

## OUR PARTNERS



If you have any queries, please do not hesitate to contact us at [contacticaatas@gmail.com](mailto:contacticaatas@gmail.com)

# INVITATION

Agriculture is a major development in human history, leading to the rise and flourishing of civilization. It plays a critical role in human society, serving as the backbone of the economic system. Modern agriculture provides the raw materials for most of the world's food and many industrial products, including textiles. Significant scientific and technological advances over the years have greatly increased agricultural productivity and reduced environmental impacts. We take great pleasure in inviting you to the "INTERNATIONAL CONFERENCE ON ADVANCES IN AGRICULTURE TECHNOLOGY AND ALLIED SCIENCES (ICAATAS 2024)" being organized by the SOCIETY OF AGRICULTURE RESEARCH AND SOCIAL DEVELOPMENT (NEW DELHI) & THE NEOTIA UNIVERSITY. We invite you to grace the conference with your presence. If you have any queries, please do not hesitate to contact us at [contacticaatas@gmail.com](mailto:contacticaatas@gmail.com). We sincerely request you to kindly circulate the information among relevant members of your respective esteemed organization. We look forward to your presence at ICAATAS 2024!

## ABOUT CONFERENCE

### ABOUT THE INTERNATIONAL CONFERENCE

Nevertheless, agricultural systems of the future face huge challenges in balancing and optimizing productivity and profitability against stewardship of ecosystems and natural resources. This conference will provide an ONLINE/OFFLINE open forum for researchers, academicians, scholars, students, extension workers and entrepreneurs to discuss various aspects of advances in agriculture technology and allied sciences under different thematic areas and share their latest research achievements. Our conference "INTERNATIONAL CONFERENCE ON ADVANCES IN AGRICULTURE TECHNOLOGY AND ALLIED SCIENCES (ICAATAS 2024)" will provide you with an opportunity to meet with international resource persons, colleagues and friends working in the area of Agriculture and Allied Sciences.



# ABOUT ORGANIZATIONS

## Society of Agricultural Research and Social Development

Society of Agricultural Research and Social Development (SARSD) was founded in 2018. The society serves to promote research in all branches of agricultural sciences to provide the members with the opportunities, exchange of knowledge and cooperation among relevant societies. SARSD currently has over 200 members having academic, research and industrial profiles. The SARSD's primary scope covers the Agronomy, Horticulture, Entomology, Plant Pathology, Plant Breeding & Genetics, Crop Physiology and Biochemistry, Soil Science and Agricultural Chemistry, Agriculture Engineering, Agri. Stat & Economics, Forestry, Animal Husbandry & Dairy Technology, Veterinary

### The Neotia University

The Neotia University (TNU) stands as a beacon of innovation and excellence in higher education, committed to nurturing future-ready professionals. Situated in West Bengal, India, TNU is included in the list of universities established as per Section 2(f) of the UGC Act, 1956. [SK1] The university offers a diverse array of programs, encompassing engineering, maritime studies, pharmacy, agriculture, and humanities, among others. TNU prides itself on its state-of-the-art infrastructure, distinguished faculty, and a curriculum designed to integrate theoretical knowledge with practical applications. With a focus on research[SK2], entrepreneurship, and industry collaboration, TNU aims to equip students with the skills and mind-set required to excel in a rapidly evolving global landscape. The institution's commitment to holistic development is further underscored by its vibrant campus life, fostering a community of learners who are not only academically proficient but also socially responsible and culturally aware.

### School of Agriculture and Allied Sciences

The School of Agriculture and Allied Sciences at The Neotia University is dedicated to advancing agricultural education and research to meet the challenges of sustainable development. Notably, it is the first private university in West Bengal to offer an ICAR-accredited 4-year B.Sc. (Hons.) Agriculture program. With an emphasis on cutting-edge research, innovative practices, and hands-on training, the school prepares students to become leaders in the agricultural sector. The ICAR approved curriculum encompasses a broad spectrum of disciplines, including genetics and plant breeding, agronomy, horticulture, animal husbandry, and agricultural economics, ensuring a comprehensive understanding of modern agricultural practices. The faculty, comprising seasoned experts and researchers, provide mentorship and guidance, fostering a culture of inquiry and innovation. Through partnerships with industry and government agencies, the school ensures that its programs are aligned with the latest advancements and market needs, thereby empowering students to make significant contributions to the agricultural industry and society at large.

## OUR PARTNERS

### >>> Joint Organizing & Venue Partner

TNU-The Neotia University, West Bengal (ICAR ACCREDITED)

### >>> International Organizing Partner

Southern Federal University, Russia

### >>> Knowledge partners

- Junagadh Agriculture University, Junagadh
- ICAR IIRR- Indian Institute of Rice Research
- ICAR-Central Research Institute for Jute and Allied Fibers
- Society for Advancement of Rice Research (SARR)
- Sri Konda Laxman Telangana State Horticultural University, Telangana
- JSS Mahavidyapeetha, Mysuru, Karnataka
- ICAR-ATARI Bangalore, ZONE XI
- ICAR- JSS KVK , Suttur, Mysuru
- Loyola Academy, Secunderabad, Telangana
- Mallareddy University, Hyderabad
- Institute of Agricultural Sciences, Siksha 'O' Anusandhan, (Deemed to be University), Bhubaneswar
- AbhinavaKrishi Research Organization, Sambalpur, Odisha

**LAST DATE FOR REGISTRATION 10TH SEPT. 2024, LAST DATE FOR ABSTRACT SUBMISSION – 10TH SEPT. 2024, LAST DATE FOR BOOK CHAPTERS/ARTICLES /PAPER SUBMISSION– 10TH SEPT. 2024, LAST DATE FOR AWARD NOMINATION 14TH SEPT. 2024**

If you have any queries, please do not hesitate to contact us at [contacticaatas@gmail.com](mailto:contacticaatas@gmail.com)

## >>> Media partners

- Vigyan Varta, An International E-Magazine for Science Enthusiasts
- FAGRO, India
- The Bonsai Haat
- Saheva Corporate Pvt. Ltd

# HIGHLIGHT OF THE CONFERENCE

- Technical Sessions
- Chance of publishing your full-length paper in Scopus/WOS Q1, Q3 (Free of cost)
- Chance of publishing your manuscript in NAAS-rated journals
- More than 10 ICAR organizations as part of the conference
- Expert lectures by Invited International Speakers
- The best 3 presenters in every session (Oral/Poster) will be awarded with winning prizes and a certificate
- Chance of winning Nominated individual Awards (More than 70 categories)
- On-Spot Debate Competition
- Brainstorming Sessions
- Agriculture Quiz Session
- Chance of meeting Scientists from the USA, South Korea, China, Russia, Malaysia, Bangladesh, & England.

## PUBLICATION PARTNERS

- ▶ Stress Biology (Q1, Publication Charge is Free)
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- ▶ Vigyan Varta An International E-Magazine for Science Enthusiasts

## CHIEF PATRONS



**Prof. (Dr.) B. Neerja Prabhakar**

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UNIVERSITY, WEST BENGAL



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VICE CHANCELLOR, JUNAGADH  
AGRICULTURAL UNIVERSITY,  
JUNAGADH



**Mr. Pradip Jyoti Agrawal**

PRO CHANCELLOR, THE NEOTIA  
UNIVERSITY, WEST BENGAL

## PATRONS



**Dr. V. Venkatasubramanian**  
DIRECTOR, ICAR – ATARI, ZONE – 11,  
BENGALURU, 560024



**Dr. R. B. Madariya**  
DIRECTOR OF RESEARCH, JUNAGADH  
AGRICULTURAL UNIVERSITY,  
JUNAGADH



**Prof. (Dr.) Sushil Kumar  
Kothari**  
DEAN, SCHOOL OF AGRICULTURE AND  
ALLIED SCIENCES, THE NEOTIA  
UNIVERSITY, WEST BENGAL



**Dr. N. B. Jadav**  
DIRECTOR OF EXTENSION EDUCATION,  
JUNAGADH AGRICULTURAL  
UNIVERSITY, JUNAGADH



**Dr. C.G. Betsurmath**  
EXECUTIVE SECRETARY, JSS  
MAHAVIDYAPEETHA, MYSURU

## KEYNOTE SPEAKERS



**Prof. (Dr.) Inubushi Kazuyuki**  
PROFESSOR, FACULTY OF APPLIED BIO  
SCIENCE, TOKYO UNIVERSITY OF  
AGRICULTURE  
SETAGAYA, TOKYO



**Prof. (Dr.) Vishnu D Rajput**  
PRINCIPAL SCIENTIST, HEAD OF  
INTERNATIONAL LABORATORY ON  
NANOBIOTECHNOLOGY, SOUTHERN  
FEDERAL UNIVERSITY, RUSSIA



**Dr. Francesco L. Arlia Jr**  
CEO, HARVEST HARMONICS, USA



**Prof. (Dr.) Tatiana Minkina**  
HEAD OF DEPARTMENT, SOIL SCIENCE  
AND LAND RESOURCES ASSESSMENT,  
ACADEMY OF BIOLOGY AND  
BIOTECHNOLOGY, SOUTHERN FEDERAL  
UNIVERSITY, ROSTOV-ON-DON, RUSSIA



**Prof. (Dr.) Mosae Selvakumar Paulraj**  
ASSOCIATE PROFESSOR IN  
CHEMISTRY  
ASIAN UNIVERSITY FOR WOMEN,  
CHITTAGONG, BANGLADESH



**Prof. (Dr.) Shashikant Bhatia**  
TEXAS A & MASSOCIATE KONKUK  
UNIVERSITY SOUTH KOREA UNIVERSITY,  
UNITED STATE



**Prof. (Dr.) Ikechi Agbugba**  
UNIVERSITY OF BIRMINGHAM, ENGLAND,  
UK



**Prof. (Dr.) Megha N. Parajule**  
TEXAS A & M UNIVERSITY, UNITED STATE



**Prof. (Dr.) Yufei Zhao**  
STATE KEY LABORATORY OF CHEMICAL  
RESOURCE ENGINEERING,  
BEIJING UNIVERSITY OF CHEMICAL  
TECHNOLOGY



**Prof. (Dr.) Chong Khim Phin**  
UNIVERSITY MALAYSIA SABAH,  
MALAYSIA

## LEAD SPEAKERS



**Dr. Sanjoy Saha**  
HEAD, CROP PRODUCTION  
ICAR – CRIJAF, BARRACKPORE



**Mrs. Priyadarshini Rajput**  
RESEARCHER, SOUTHERN FEDERAL  
UNIVERSITY, RUSSIA, ROSTOV-ON-DON



**Dr. B V Asewar**  
HEAD, DEPARTMENT OF AGRONOMY  
AND DIRECTOR OF EXTENSION  
EDUCATION, VNMKV



**Dr. B. N Gnanesh**  
SENIOR SCIENTIST AND HEAD  
ICAR -JSS KRISHI VIGYAN KENDRA,  
MYSURU



**Dr. R. Mahender Kumar**  
PRINCIPAL SCIENTIST AND HEAD  
AGRONOMY, ICAR-IIRR

**LAST DATE FOR REGISTRATION 10TH SEPT. 2024, LAST DATE FOR ABSTRACT SUBMISSION –  
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# MAJOR CONFERENCE THEMES OF ICAATAS 2024

## 1. Soil degradation and regenerative farming

- Natural resource management, soil & water conservation for better sustainability

## 2. Natural resource management and sustainable farming

- Agroforestry, technological improvement in agroforestry, food and environmental security
- Income generation through medicinal and aromatic plants cultivation, wood science technology, tree improvement, forest genetic resources, forest ecology, silviculture, and tree improvement

## 3. Crop nutrition especially micronutrient elements

- Micronutrients, Crop Nutrition, Plant Health, Nutrient Deficiency, Soil Fertility, Foliar Feeding, Micronutrient Management, Nutrient Uptake

## 4. Technology-enabled precision farming

- Precision Agriculture (GIS, GPS) and its future
- Innovative approaches for crop improvement in integrated nutrient & weed management
- Digitalization of agriculture and allied sciences
- Technological improvements to control soil, water, air, and environmental pollution
- New technologies in protected cultivation, hi-tech agriculture & its future impact

## 5. Seed quality assurance, production and marketing

- Seed production and quality control for all the crops including milletS
- Innovative Approaches for crop protection (Disease and Pest management)
- Accelerating genetic gains in plant breeding for resilience, transformative food systems, and economic growth.

## 6. Climate change and carbon farming

- Innovative approaches towards climate change in the context to life sciences, microbial sciences, biomedical sciences, pharmaceutical sciences, and biotechnological aspects
- Climate Change, Carbon Sequestration, Greenhouse Gas Emissions, Soil Health, Carbon Footprint, Soil Carbon Storage, Carbon Credits

## 7. Food quality assurance and organic farming

- New frontiers in food processing, value addition, and post-harvest management
- New technological advances in the field of fruit science, floriculture, pomology, ornamental science, vegetable science, and nursery management

## 8. Agricultural Business and Income Generation

- New approaches for farmer's wellness, agricultural marketing, export, entrepreneurship development, and agri-business management opportunities
- Advances in dairy science, animal health, animal husbandry for better future prospects and income
- Income generation through poultry farming, livestock management, nursery raising, Agri-tourism, and herbal gardens Present and future aspects of marine science, aquaculture, oceanology, and fisheries

REGISTRATION FEES OF ICAATAS 2024			
CATEGORY	ONLINE MODE	OFFLINE MODE	ON SPOT
FARMERS	500/- 10\$	750/- 20\$	750/- 25\$
UG	750/- 10\$	1000/- 20\$	1500/- 30\$
PG	1250/- 20\$	1500/- 30\$	2000/- 40\$
Ph.D./ JRF/SRF/RA	1500/- 30\$	2000/- 40\$	2500/- 50\$
FACULTY/SCIENTISTS	2000/- 40\$	2500/- 50\$	3000/- 60\$
PRIVATE ORGANIZATION/IN DUSRTY	4000/- 75\$	5000/- 95\$	5500/- 100\$

**\*Registration contribution includes Lunch and a Registration kit only for offline mode, people who will register before the conference day. Spot registration includes Lunch only.**

**\*Registration contribution is Non-Refundable and non-transferable.**

**PAYMENT DETAILS: GOOGLE PAY / PAYTM / PHONE PAY UPI**

**UPI- 9863977658@paytm**

**Account Details - 50200067532831**

**Branch - Maheru, Phagwara IFSC -HDFC0003293**



If you have any queries, please do not hesitate to contact us at [contacticaatas@gmail.com](mailto:contacticaatas@gmail.com)

# Poster Presentations/ Oral Presentations

*Best 3 presenters in every session (Oral/Poster) will be awarded with winning prizes and certifications*

Separate 'Poster Presentation Sessions' and "Oral Presentation Sessions" covering all the themes will be organized to encourage wider interaction and information sharing with the participants in both ONLINE/OFFLINE modes. Each poster session will have Chairman and Co-Chairman. They will Judge and announce the best "Presenters" after the sessions and the winners will be given appreciation awards.

- >>> Oral Presentation-** The number of Slides shouldn't be more than 15 and the presentation should include Title, Name, Theme, Address on the First Page of the Presentation, and in the content Introduction, Materials and Methods, Results, Conclusion, and References.
- >>> Poster Presentation Size:** 25"x40" 1x1.5 m. Font Size: Title- 80pt, Authors-50pt, Subheading-46pt, Text-24 pt, Caption-18pt Poster should be included- Title, Name, Theme, Address, Introduction, Materials and Methods, Results, Conclusion, and References.
- >>> Call for Abstracts/Papers/Book Chapters:** The original research papers/abstracts/ conceptual papers related to the conference themes are invited from all the stakeholders viz., students, faculties of SAU's/ICAR institutes, and PSUs/Companies/Private organizations. The soft copy of the Papers/Abstracts/ Conceptual papers may be sent to the Organizing Chairman of the conference on before the 10 th of September 2024. **Last date is 10th September.**
- >>> Submission of Abstracts:** Abstracts not exceeding 300 words with specific keywords with ICAATAS 2024 themes should be sent to the organizing team through this link <https://forms.gle/Y3iSD2KM4xsw5sdv8> Registration is mandatory for publication of abstract in Souvenir.  
**Last date is 10th September.**
- >>> Submission of Full-Length Papers:**  
Full-length research papers should be submitted to the organizing team through this link <https://forms.gle/JkaPmZV3VYiPtfGb6>. Registration is mandatory for the publication of the full-length papers. Manuscripts should be prepared in MS Word or any other word processor and should be submitted through registered mail. The publication should include full author names, Affiliations (including full postal address) and corresponding authors' e-mail addresses, Abstract (200–250 words), Keywords, Introduction, Materials and Methods, Results and Discussion, and Conclusions (Acknowledgements), and References. Authors have to pay minimal charges for the publication of their manuscripts after acceptance by reviewers. **The author needs to follow the guidelines of the particular journal which they want to publish. It is compulsory for all journals.**  
**Last date is 10th September.**
- >>> Submission of Book Chapters:**  
Delegates desirous of availing the opportunity of publishing a book chapter in AKINIK PUBLICATION AND BRIGHT SKY PUBLICATION Should send a Book Chapter from 8- 10 pages in double space, Arial font, 12 in size in any theme of the ICAATAS 2024 and should be submitted well in advance to the organizing team through the link <https://forms.gle/JkaPmZV3VYiPtfGb6>. Registration is mandatory for publication of the book chapter and the processing fee is 1500 PER CHAPTER through Cash/Demand Draft/Bank Transfer / Online Transactions. The submitted Abstracts/ Papers/ Book chapters will be reviewed by the ICAATAS 2024 SCREENING TEAM and based on the comments of the reviewers the Editor-in-chief/ Editorial board will take final decision for acceptance of the manuscript. **Last date is 10th September.**

**FOR STALLS, EXHIBITIONS, OR SPONSORSHIP TO THE NEOTIA UNIVERSITY OR SOCIETY, CONTACT,  
DIPTANU BANIK 7005652842 (CHIEF ORGANIZING SECRETARY)**

➤➤➤ **Popular Article Submission:** Articles should be 2-3 pages long. Articles should comprise an Abstract, Introduction, Details, Conclusion, and References.

## PROPOSED BOOKS

- Advancements in Crop improvement, Precision Agriculture and Crop Protection
- Innovative Approaches in Natural Resource Management, Organic and Protected Cultivation for Doubling Farmers' Income
- Future scope of Biomedical sciences and Biotechnology
- Agriculture Entrepreneurship and its Business orientation
- Natural Resources and its proper use for Environmental Security
- Fundamentals of plant pathology
- A text book for soil conservation

\*No Manuscripts will be published without Registration in the conference.\*Paper will be accepted after peer review process.\*All rights are reserved, \*\*\*Publication Fee should be paid after acceptance of Research paper/Book chapters.

PUBLICATION FEES/CHARGES	
Stress Biology (Q1)	FREE OF COST AFTER ACCEPTANCE FROM JOURNAL
Eurasian Journal of Soil Science (Q3)	FREE OF COST AFTER ACCEPTANCE FROM JOURNAL
Book Chapter( Akinik, Bright sky, Integrated Publisher )	₹1500/-
Popular Article (UG,PG, Ph.D. Scholars, & Faculties) Vigyan Varta An International E-Magazine for Science Enthusiasts)	₹300/-
Egyptian Journal of Soil Science (WOS)	FREE OF COST AFTER ACCEPTANCE FROM JOURNAL
International Journal of Research in Agronomy (NAAS- 5.20)	₹5300/-
International Journal of Veterinary Sciences and Animal Husbandry, NAAS RATING- 4.61 ( Only Selected Papers )	₹2500/-
International Journal of Statistics and Applied Mathematics, NAAS RATING- 4.49 ( Only Selected Papers )	₹3500/-
International Journal of Advanced Biochemistry Research, NAAS RATING- 5.29 ( Only Selected Papers )	₹5300/-
International Journal of Agriculture Extension and Social Development (NAAS- 5.04)	₹5300/-

**AWARDS NOMINATION (For all Agriculture Sciences, Biotechnology, Microbiology, Food and Nutrition Science, Environmental science, Forestry/Agro forestry, Fishery science, Dairy science, Animal husbandry, Pharmaceutical Sciences, Marine Science and Life sciences)**

- Life Time Achievement Award (2)
- Eminent Scientist Award of the Year/Scientist of the Year Award (Department wise 1)
- Emerging Scientist Award (Department wise 1)
- Young Scientist Award (Department wise 1)
- Young Agriculturist Award (Department wise 1)
- Young Achiever Award (Department wise 1)
- Young Scientist Associate Award (Department wise 1)
- Innovative Farmer of the Year Award (5)
- Entrepreneur of the Year Award (5)
- Women Scientist Award (Department wise 1)
- Women Excellence Award (Department wise 1)
- Women Entrepreneur Award (Department wise 1)
- Young Professional Award (Department wise 1)

- Outstanding/ Best Ph. D. Thesis Award (Department wise 1)
- Best Research Scholar Award ( Ph.D. / PDF, Department wise 1)
- Best Researcher Award (Department wise 1)
- Innovative Young Researcher Award (Department wise 1)
- Best Faculty Award (Assistant Professors, Department wise 1)
- Best Extension Scientist Award (Department wise 1)
- Best KVK Scientist Award (Department wise 1)
- Best Agriculturist Award Best (Department wise 1)
- Outstanding Master's Thesis (Department wise 1)
- Best Master's Dissertation Award (Department wise 1)
- Excellence in Research Award (Department wise 1)
- Excellence in Academic Award (Department wise 1)
- Emerging Faculty Award (Department wise 1)
- Best Research Project Award (Department wise 1)

If you have any queries, please do not hesitate to contact us at [contacticaatas@gmail.com](mailto:contacticaatas@gmail.com)



All interested Delegates/Researchers/Academicians/Farmers/Students/Entrepreneurs are requested to register themselves for award nomination by the 14th of September and send a soft copy of bio-data to the ICAATAS 2024 TEAM through Email: [contacticaatas@gmail.com](mailto:contacticaatas@gmail.com), before the 15th of September 2024, for the Award Nomination from Society of Agricultural Research and Social Development. (Award Nomination Contribution ₹5000/-. For online Award Nomination (Registration Fee is inclusive) For Annual Membership of the Society the contribution is ₹1000/- and Life Time membership the contribution is ₹3000/-

### ➤ SCAN FOR AWARD NOMINATION ₹ 5000/-

Registration of the conference is mandatory for Offline Award Nomination Send your abstract to the authority. Register for the Award Nomination from the link and pay the Nomination amount of 5000. Choose your Nomination and fill out the form. Send your biodata to our email ID. [contacticaatas@gmail.com](mailto:contacticaatas@gmail.com)

### ➤ ACCOMMODATION DETAILS:

Accommodation will be arranged for the participants near the conference venue on a prior request and pre-payment basis and no spot accommodation will be provided on conference days.



<https://forms.gle/J8Z2tNyJuPLYNp1s8>

**\*\*Note-** Award Nomination Includes Printed Participation certificate, Society Certificate for Award, Memento & winning Medal.

### Chief Patrons

- Prof. (Dr.) B. Neerja Prabhakar Vice Chancellor, SKLTSHU, Telangana
- Prof. Biswajit Ghosh Vice Chancellor, The Neotia University, West Bengal
- Mr. Pradip Jyoti Agrawal Hon'ble Advisor to Chancellor, The Neotia University, West Bengal
- Dr. V. P. Chovatia, Vice Chancellor, Junagadh Agricultural University, Junagadh

### Patrons

- Dr. V. Venkatasubramanian Director, ICAR – ATARI, Zone – 11, Bengaluru, 560024
- Dr. R. B. Madariya, Director of Research, Junagadh Agricultural University, Junagadh
- Dr. N. B. Jadav, Director of Extension Education, Junagadh Agricultural University, Junagadh
- Dr. C.G. Betsurmatah, Executive Secretary, JSS Mahavidyapeetha, Mysuru – 570 004

### International Keynote Speakers

- Prof. (Dr.) Inubushi Kazuyuki Professor, Faculty of Applied Biosciences, Tokyo University of Agriculture Setagaya, Tokyo
- Prof. (Dr.) Vishnu D Rajput Principal Scientist, Head of International Laboratory on Nanobiotechnology, Southern Federal University, Russia
- Prof. (Dr.) Tatiana Minkina, Head of Department, Soil Science and Land Resources Assessment, Academy of Biology and Biotechnology, Southern Federal University, Rostov-On-Don, Russia

### International Keynote Speakers

- Prof.(Dr.) Mosae Selvakumar Paulraj, Associate Professor In Chemistry Asian University For Women , Chittagong, Bangladesh
- Dr. Shashikant Bhatia, Texas A & Massociate Professor Konkuk University South Korea University, United State
- Prof.(Dr.) Ikechi Agbugba, University of Birmingham, England, UK
- Prof. (Dr.) Megha N. Parajule, Texas A & M University, United State
- Prof. (Dr.) Yufei Zhao State Key Laboratory of Chemical Resource Engineering, Beijing University of Chemical Technology
- Dr. Francesco L. Arlia Jr, CEO, Harvest Harmonics
- Prof. (Dr.). Chong Khim Phin, Universiti Malaysia Sabah, Malaysia

### Lead Speakers

- Dr. Sanjoy Saha Head, Crop Production ICAR - CRIJAF, Barrackpore
- Dr. B V Asewar, Head, Department of Agronomy and Director of Extension Education, VNMKV
- Dr. Gnanesh B.N. Senior Scientist and Head ICAR JSS Krishi Vigyan Kendra, Mysore
- Mrs. Priyadarshini Rajput, Southern Federal University, Russia
- Dr. R.Mahender Kumar, Principal Scientist and Head Agronomy, ICAR- Indian Institute of Rice Research

### **Conference Director**

- Prof. (Dr.) Sushil Kumar Kothari, Dean, SAAS, TNU
- Dr. B.N. Gnanesh, Senior Scientist and Head, ICAR JSS KVK, Mysuru

### **Conference Chairman**

- Prof. (Dr.) Chandra Mohan Mehta, Associate Dean, School of Agriculture LPU, Punjab.
- Mr. Suhas Mukherjee, Vice President, The Neotia University
- Prof. Dr. Sawinder Kaur, Associate Dean, Department of Food Technology and Nutrition, School of Agriculture, Lovely Professional University, Punjab
- Dr. Sudha Sundari, Dean, Agriculture, Loyola Academy, Secunderabad

### **Organizing Society President**

- Dr. Akhil Gupta, Society of Agriculture Research and Social Development

### **Chief Convener**

- Prof. (Dr.) Sushil Kumar Kothari, Dean, SAAS, TNU
- Dr. Ashirbachan Mahapatra, Assistant Professor, CUTM, Odisha
- Dr. Ankush M Raut, HOD, Division of Entomology, LPU, Punjab

### **Convener**

- Prof. (Dr.) Uttam Kumar Pal, Associate Dean, SAAS, The Neotia University
- Dr. Tridip Bhattacharjee, Assistant Professor (Horticulture), College of Agriculture, Tripura
- Dr. Amit Kesarwani, Assistant Professor, GB Pant University, Uttarakhand

### **Chief Organizing Secretary**

- Dr. Sarita Pandey, HOD, Genetics and Plant Breeding, SAAS, TNU
- Mr. Diptanu Banik, LPU, Punjab

### **Organizing Secretary**

- Dr. Malathi G, Associate Professor (Horticulture), Krishi Vigyan Kendra Sandhiyur Salem Tamil Nadu PIN -636203
- Md. Kamaruzzaman, Assistant Professor, The Neotia University
- Dr. Ramachandra R, Associate professor, Dept. of Biotechnology, REVA University, Bengaluru
- Dr. Preeti Birwal, Scientist Punjab Agricultural University
- Dr. Jivraj H. Chaudhary, Scientist (Agronomy), Krishi Vigyan Kendra, Rajkot-1 Junagadh Agricultural University, Junagadh, Gujarat
- Dr. Anshuman Jena, Associate Professor, SOA

- Dr. D.V. Kolekar, Scientist (Agriculture Extension), ICAR - (ATARI) Zone - 11, Bengaluru
- Dr. Dhananjay S. Gaikwad, Assistant Professor, Amity University, Noida Uttar Pradesh
- Dr. Mukul Kumar, Assistant Professor, Department of Food Technology and Nutrition, School of Agriculture, Lovely Professional University, Punjab

### **Advisory Committee**

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- Dr. Pawan Saini, Scientist -C & Divisional Head, CSRTI, Pampore - 192 121, Jammu-Kashmir
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- Dr. Suvangi Rath, Founder, VigyanVarta, An International E-Magazine for Science Enthusiast
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- Dr. Rakesh Kumar, Scientist, Division of Livestock and Fishery Management (DLFM), ICAR- Research complex for Eastern Region, Patna
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- Dr. Kota Chakrapani, Research Associate, National Agri Food Biotechnology Institute
- Mr. Dwity Sundar Rout, Assistant Professor, CUTM
- Dr. Aman Deep Ranga, Dr. YSHPUHF, Solan
- Mr. Abhilash Padhan, Managing Trustee, Abhinavakrishi Research Organisation, Sambalpur, Odisha
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- Dr. A. Sankari, Professor (Horticulture) Tamil Nadu Agricultural University
- Mr. Devra Sneh Jayantibhai, Junagadh Agricultural University
- Ms. Navyashree R, University of Agricultural sciences Dharwad
- Dr. T. Suseela, Professor, Dept of Floriculture & Landscaping, Dr. YSR Horticultural University, Andhra Pradesh
- Ms Twinkle Kumari Bhagat, Uttar Banga Krishi Vishwavidyalaya
- Dr. Ramesh Nath Gupta, Assistant Professor-cum-Jr. Scientist, Bihar Agricultural University, Sabour
- Dr. Upasana Mohapatra, Assistant Professor, Dept of Life Sciences Atria University, Hebbal, Bangalore
- Dr. Sarodee Boruah, SMS, Plant Protection, KVK, Tinsukia, Assam



- Dr. Sachin Kumar, Govt Official, Food Corporation of India
- Dr. Kawarddeep Kour, Assistant Professor SKUAST-Jammu
- Mr. Amit Kumar Yadav, LPU, Punjab
- Dr. Pradeep Singh, SERB National Post-Doctoral Fellow, Agri-Biotechnology Department, National Agri-Food Biotechnology Institute, Mohali-140306, Punjab.
- Smt. H.V. Divya, SMS (Seed Tech.), ICAR JSS KVK, Mysuru
- Mr. Shamaraj SMS (Agronomy), ICAR JSS KVK, Mysuru
- Md Sabir Ahmed Mondol, Bidhan Chandra Krishi Viswavidyalaya
- Dr. U.M. Rakshith Raj SMS (Animal Science), ICAR JSS KVK, Mysuru
- Dr. G.M. Vinay SMS (Horticulture), ICAR JSS KVK, Mysuru
- Dr. Y.P. Prasad SMS (Plant Protection), ICAR JSS KVK, Mysuru
- Dr. S. Deepak, SMS (Home Science), ICAR JSS KVK, Mysuru
- Dr. Prashantha CN, Assistant professor, Dept. of Biotechnology, REVA University
- Sri. Gangappa Hipparagi, Farm Manager, ICAR JSS KVK, Mysuru

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- Mr. Brijesh Kumar Maurya, Department of Vegetable Science, Chandra Shekhar Azad University of Agriculture and Technology, Kanpur
- Dr. Raghupathi Matheyarasu, Associate Professor, Palar Agricultural College
- Dr. Nadella Vinod, Assistant Professor, Dept. of Food Process Engineering, Dr. NTR College of Food Science and Technology
- Dr. Garima Kumari, Research Fellow, PAU, Ludhiana
- Dr. Anupama Verma, Department of Crop Physiology, CSAUA&T, KANPUR (U.P)
- Parikha Prakash Singh, Department of Plant Physiology, JNKVV, Jabalpur
- Dr. Diptanu Dutta, Assistant Professor, SOA
- Dr. Sidhartha Panda, Assistant Professor, SOA
- Dr. Debashish Hota, Assistant Professor, SOA

- Mr. Achyuta Basak, Uttar Banga Krishi Viswavidyalaya
- Dr. Ramesh D, Assistant Professor in Veterinary Biochemistry, Veterinary College Hassan KVAFSU Karnataka India 573201
- Gajera Jaykumar Bipinbhai, Junagadh Agricultural University
- Ms. Hapalia Surbhi, Junagadh Agricultural University
- Mr. Paritosh Tripathi, Chandra Shekhar Azad University of Agriculture & Technology

### **Technical Committee and Online Streaming**

- Mr. Rohit Thakur, LPU, Punjab
- Mr. Kumaraswamy N, Computer Programmer, ICAR JSS KVK, Mysuru

### **Scientific Committee**

- Dr. Agniswar Jha Chakraborty, Assistant Professor, The Neotia University
- Dr. Arghya Banerjee, Assistant Professor, The Neotia University

### **Local Organizing Committee**

- Mr Abir Sanyal, Digital Marketing Executive, The Neotia University
- Dr. Shankha Koley, Assistant Professor, The Neotia University
- Dr. Rimon Saha Chowdhury, Assistant Professor, The Neotia University
- Dr. Parvez Mallik, Assistant Professor, The Neotia University
- Dr. Shubhadip Pal, Assistant Professor, The Neotia University
- Dr. Shradhha Bhattacharya, Assistant Professor, The Neotia University
- Mr. Aniraban Chattopadhyay, Deputy Manager, Student Affairs, The Neotia University
- Mr. Anjan Ghosh, Training & Placement Officer, The Neotia University
- Dr. Sourav Mallick, Assistant Professor, The Neotia University
- Dr. Pijush Das, Assistant Professor, The Neotia University

# HIGHLIGHT OF THE CONFERENCE

- **Technical Sessions**
- **Chance of publishing your full-length paper in Scopus/WOS Q1, Q3 (Free of cost)**
- **Chance of publishing your manuscript in NAAS-rated journals**
- **More than 10 ICAR organizations as part of the conference**
- **Expert lectures by Invited International Speakers**
- **The best 3 presenters in every session (Oral/Poster) will be awarded with winning prizes and a certificate**
- **Chance of winning Nominated individual Awards (More than 70 categories)**
- **On-Spot Debate Competition**
- **Brainstorming Sessions**
- **Agriculture Quiz Session**
- **Chance of meeting Scientists from the USA, South Korea, China, Russia, Malaysia, Bangladesh, & England.**

- Dr. Kaushik Sen, Assistant Professor, The Neotia University
- Mr. Pragun Pal, Assistant Professor, The Neotia University
- Dr. Sruba Saha, Assistant Professor, The Neotia University
- Dr. Sudeshna Panja, Assistant Professor, The Neotia University
- Ms. Maitreyee Samanta, Manager, Student Affairs, The Neotia University



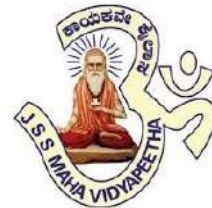


# OUR VENUE/ PARTNERS

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## Knowledge Partners



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## IMPORTANT DATES –

LAST DATE FOR REGISTRATION 10TH SEPT. 2024, LAST DATE FOR ABSTRACT SUBMISSION – 10TH SEPT. 2024, LAST DATE FOR BOOK CHAPTERS/ARTICLES /PAPER SUBMISSION- 10TH SEPT. 2024, LAST DATE FOR AWARD NOMINATION 14TH SEPT. 2024

### CONTACT DETAILS–

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ASHIRBACHAN MAHAPATRA (CONVENER, 7008461263)  
ROHIT THAKUR (CO-ORGANIZING SECRETARY, 8077868255)  
ANJAN GHOSH (CONFERENCE COORDINATOR, 9002092153)  
MADAN KUMAR JHA ( CO-ORGANIZING SECRETARY, 7987429148)

# SCAN

## FOR REGISTRATION

<https://forms.gle/YC5Ke73hJqnDwuFr9>





Princep Ghat



Sundarvan



Darjeeling



Birla Planetarium



Iskon Temple, Mayapur



Belurmath



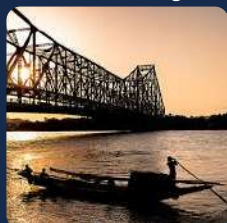
Eden Gardens



Dakshineswar



Howrah Bridge



Eco Park



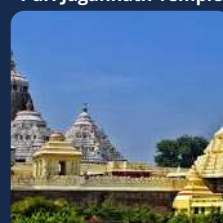
Victoria Memorial



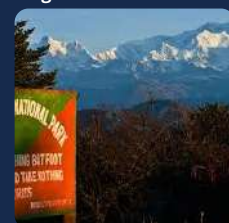
Kalighat Shaktipeeth



Puri Jagannath Temple



Singalila National Park



## How to reach by Rail

If you prefer to travel by train, the nearest major railway station is Howrah Junction, which is about 50 km from the university. Another option is Sealdah Railway Station, located approximately 45 km away. Both stations are well-connected with major cities across India. From either railway station, you can hire a taxi, use app-based cab services, or take a bus to reach The Neotia University. Local trains are available from Sealdah Station to Diamond Harbour Station. To get to the campus from Diamond Harbour Station, take an auto-rickshaw.

## How to reach by Road

The Neotia University is well-connected by road. If you are traveling from Kolkata, you can take the NH12 (formerly NH34) towards Diamond Harbour. The university is located on the Diamond Harbour Road, around 40 kilometers from the center of Kolkata. Private cars, taxis, and app-based cab services are readily available. Additionally, regular bus services operate from Esplanade and other major bus terminals in Kolkata to the university.

## How to reach by Air

The Neotia University is conveniently accessible via air travel. The nearest airport is Netaji Subhas Chandra Bose International Airport in Kolkata, which is approximately 55 kilometers away. From the airport, you can hire a taxi or use app-based cab services to reach the university. The journey typically takes about 1.5 to 2 hours, depending on traffic conditions.

**LAST DATE FOR REGISTRATION 10TH SEPT. 2024, LAST DATE FOR ABSTRACT SUBMISSION – 10TH SEPT. 2024, LAST DATE FOR BOOK CHAPTERS/ARTICLES /PAPER SUBMISSION– 10TH SEPT. 2024, LAST DATE FOR AWARD NOMINATION 14TH SEPT. 2024**



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SCAN FOR AWARD NOMINATION

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If you have any queries, please do not hesitate to contact us at  
[contacticaatas@gmail.com](mailto:contacticaatas@gmail.com)