



First Circular



NATIONAL CONFERENCE ON AGRICULTURE, ENVIRONMENT AND SUSTAINABLE DEVELOPMENT (NCAESD 2025)

Broad Theme: Climate change and Biodiversity
(Hybrid mode)

MARCH 10-11, 2025

Organized by

Department of Horticulture, RGU
&
Department of Agricultural Engineering, RGU
&
Rural Business Incubation Centre, RGU

Our Collaborators



Interested participants can register by filling up the Google form using the link/barcode:

<https://forms.gle/gtCMvwyutd3dQdrGA>



AIMS AND OBJECTIVES OF THE CONFERENCE

North-Eastern India is considered as a biodiversity hotspot. This conference aims to attract various scientific communities, academic scientists, research scholars, and students to exchange and share their experiences and results on all aspects of Agriculture, Environment, and Life Sciences along with advanced Computational Technologies. It will also provide an opportunity for academicians and professionals with interdisciplinary interests to bridge the knowledge gap and promote research esteem by presenting and discussing their most recent innovations. This conference will also focus on how new computational technologies can be applied and helpful in Agriculture and Life Science domains specially climate change.

THEMATIC AREAS

Climate Change and Sustainable Agriculture

- Climate change
- Climate resilient agriculture
- Conservation agriculture, resource management, and integrated farming for sustainable agriculture

Genetic Resources and Crop Improvement

- Conventional breeding, Biotechnology, Bioinformatics, Genetic engineering, Phenomics, Genomics and proteomics for crop improvement
- Tissue culture

Biodiversity Conservation and Impact

- In situ and Ex situ conservation
- Biodiversity Survey
- Effect of Pollution on Biodiversity
- Biodiversity and Traditional Knowledge
- Biodiversity and Tourism
- Biodiversity and Economy
- Biodiversity and food security
- Microbial Biodiversity
- Forest Biodiversity
- Marine Biodiversity
- Paleo Biodiversity

Technology and Innovation in Agriculture

- Environmental Impact Assessment
- Biodiversity and Biotechnology
- Biodiversity and Nanotechnology

- Applied Machine Learning in Agriculture/Life Sciences
- Deep Learning in Agriculture/Life Sciences
- IoT in Agriculture
- Cloud Computing in Agriculture
- ICT in Agriculture and Life Sciences
- Computational Biology
- Modelling, simulation tools, and big data in agriculture research
- Mechanization, non-conventional energy resources, and digitization for smart agriculture

- Crop Protection
- Crop protection and stress management
- Strategies for biotic and abiotic stress management in crop production and microbes in agriculture

Post-Harvest Management

- Post-harvest processing and value addition for food safety and security

Agricultural Production Systems and Sustainable Practices

- Production technologies including organic farming
- Natural and organic farming for wellness

- Animal husbandry
- Farming Systems
- Protected cultivation
- Agri-technology transfer, impact assessment, and farmer empowerment

Agriculture, Economy, and Policy

- Policies for research and innovation for sustainable development and rural development
- Marketing and Supply Chain Management
- Industry linkages and agribusiness
- Sustainable economic development
- Role of agriculture and allied education in food security

Agricultural Bioproducts and Applications

- Plants bioproducts and their applications
- Medicinal plants and drug discovery

Food Security and Nutrition

- Food and nutritional security
- Agriculturally important fauna, aquafarming, and livestock for farm economy

ABOUT THE UNIVERSITY

Rajiv Gandhi University (RGU) (formerly Arunachal University) is the oldest university in the Indian state of Arunachal Pradesh. It is located at Rono Hills in Doimukh town, about 28km from the state capital, Itanagar. Rajiv Gandhi University has been a Central University under the Ministry of Human Resource Development (MHRD), Government of India since 9 April 2007. The teaching and research programmes of the University are designed with a view to play a positive role in the socio-economic and cultural development of the State. The University offers Certificate Courses, Diploma, B.Ed, Post Graduate Diploma, Under Graduate, Post-Graduate and Ph.D. programmes. The students from the University have found placements not only in State and Central Government Services, but also in various institutions, industries and organizations. Since its inception, the University has made significant progress in teaching, research, innovations in curriculum development and developing infrastructure.



ABOUT THE DEPARTMENT OF HORTICULTURE

The Department of Horticulture was established in the year 2022 as one of the foremost professional course departments of Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh under the Faculty of Agricultural Sciences with a prime focus to impart quality, career/research-oriented course in horticulture to produce best possible manpower in the field. The department started with M.Sc (Horticulture) and Ph.D. (Horticulture) with specialization in Vegetable Science and Fruit Science. The department facilitates quality education, research, strengthen and improve the infrastructure for providing quality education and research by constantly improving the syllabi of undergraduate (UG) and post-graduate (PG) courses as per the guidelines of University and ICAR in horticulture. It generates technology for improving the production and productivity of crops which should be knowledge based, knowledge driven and farmer centric and provides assistance in planning and development of Horticulture technology and dissemination of the technology to farmers. It also coordinates and integrates the efforts for achieving excellence in Horticulture.

ABOUT THE DEPARTMENT OF AGRICULTURAL ENGINEERING

The Department of Agricultural Engineering was established in 2022 under the Faculty of Agricultural Sciences at Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, the Department stands as a leading center for professional agricultural engineering education. Its core mission is to cultivate highly skilled professionals and researchers in the field. The department currently offers M. Tech and Ph.D. programs in Agricultural Engineering, specializing in Farm Machinery and Power Engineering. A key focus is developing and disseminating technologies, particularly those leveraging mechanization and Artificial Intelligence, to empower farmers in Northeast India and promote a farmer-centric approach.

ABOUT THE CITY

Doimukh is a small town in the Indian state of Arunachal Pradesh, in the Papum Pare district. It is located 18 km south of Yupia, the district headquarters. Doimukh is located 25 km from the state capital Itanagar and is situated on the left bank of river Pare. The Rajiv Gandhi University is situated on the top of a hill called Rono Hill of Doimukh. The location of Doimukh and its rural landscape is ideal for nature lovers and adventure seekers. Ziro, a beautiful tourist place is located at a driving distance of 90 km from Doimukh. The place has an imposing landscape of beautiful lush green forest, rivulets and elevated patches. It is famous for paddy-cum-pisciculture cultivation. The area is renowned for the terrace paddy fields where the unique system of poly-culture and water management is practiced by the local people.



Ganga Lake



Ziro Valley

CLIMATE

The weather in around the seminar venue during March will be pleasant. Temperature during the conference period will range tentatively around 15°C to 27°C.

HOW TO REACH RGU

RGU is located at Doimukh, Arunachal Pradesh. The nearest airports are Donyi Polo Airport, Itanagar and Lilabari Airport, Assam which is 47 km and 46 km in distance, respectively from RGU. The nearest main railway stations are Gumto, Naharlagun and Harmuti. RGU is well connected by roads also and both public and private buses etc ply regularly from Arunachal Pradesh, Guwahati and other parts of Assam etc.

ILP

For ILP (Inner Line Permit) visit website link: <https://eilp.arunachal.gov.in/preTuristEilpKYC>. All correspondence regarding ILP should be made in +91- 7005218166

VENUE

Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh

CALL FOR ABSTRACT

Authors are invited to submit abstract of their research work in the prescribed format on the web link <https://forms.gle/gtCMvwyutd3dQdrGA>

The abstract should be typed in English language using MS word (single space, Times New Roman, size-12 and should not exceed 250 words. The abstract must contain title of the paper, name(s) of the author followed by their affiliation, contact number and e-mail. The name of presenting author must be underlined. Abstract should also contain keywords. After peer review, paper will be selected for oral/poster presentation and will be informed accordingly. Only one abstract/paper will be accepted for each registered author for the conference. The presenting author will also submit undertaking that the abstract has not been presented/published elsewhere and there is no conflict of interest. Delegates, after successful registration, shall be required to furnish travel itinerary to assure smooth arrangements necessary for accommodation and transport on payment basis. Accommodation may not be guaranteed for spot registration.

Abstract Submission Open

February 21, 2025

Abstract Submission Close

March 6, 2025

Abstract Acceptance by

March 7, 2025

Conference dates

March 10 - 11, 2025

Tour (Optional)

March 12, 2025

ACCOMODATION

Registered delegates will be accommodated in the Guest House at the university campus or at the available guest houses in different institutes on first-come first served basis on official prescribed rates. Other guests will be provided accommodation in the hotels located in the city. Accommodation would be reserved on advance payment on prescribed rates through online mode. The delegate can also book their accommodation at their side. All correspondence regarding accommodation should be made in:

+91- 8440085724, 7005218166

Conference awards

- Best Oral Presentation Award (Theme - wise)
- Best Poster Presentation Award (Theme - wise)

REGISTRATION FEE

Registration is compulsory for participation / paper presentation in the conference. At least one author should register for the paper presentation. The registration fee (non- refundable) is as under :

Particulars	Registration fees by 06.03.2025	On spot reg.
Academicians/ Faculty members	Rs. 800/-	Rs. 1000/-
Industrial delegates/ State functionaries/ NGO representatives/ others	Rs. 1000/-	Rs. 1200/-
PG students / PhD Scholars/ RAs/ SRFs/ Young Professionals/ Post-Doctoral/ Bonafide Students	Rs. 250/-	Rs. 300/-
Online participation	Rs. 500/-	-

*Post-Doctoral Fellow/Bonafide Students/Research Scholars/RAs/SRFs/Young Professionals in educational institutions should submit an eligibility document duly endorsed by the Head of the Department accompanied by a photocopy of the Identity Card.

REGISTRATION PROCESS

Interested participants can register by filling up the Google form using the link/barcode:

<https://forms.gle/gtCMvwyutd3dQdrGA>



The participants must make the prescribed payment through (NEFT/IMPS) to the below mentioned account and keep the screenshot/transaction details etc. of their payment for further reference.

Bank account details for online transfer:

Account no:	83420100007744
Account name:	HOD Horticulture
Bank name:	Bank of Baroda
Account Type:	Saving
Branch:	Arunachal University
IFSC code:	BARB0VJARUN
MICR code:	791012003

Payment have to be made through online mode. The participants should upload the scanned copy of the payment receipt through website link during registration: <https://forms.gle/gtCMvwyutd3dQdrGA>

SPONSORSHIP

Platinum Sponsor - Rs. 1.0 Lakhs

- Complementary registration for 5 delegates
- Space of 18'x18'

Gold Sponsor - Rs. 0.75 Lakhs

- Complementary registration for 3 delegates
- Space of 18'x9'

Silver Sponsor - Rs. 0.50 Lakhs

- Complementary registration for 2 delegates
- Space of 9'x9'

Bronze Sponsor - Rs. 0.30 Lakhs

- Complementary registration for 1 delegate

Delegate Kit Articles Sponsor—Rs. 1.0 Lakhs

(Minimum)

- Complementary registration for 2 delegates
- Space of 9'x9'

Lunch/Dinner Sponsor

- Complementary registration for 4 delegates
- Space of 18'x9'

Common Features for All Categories

- Banner will be displayed at event venue.
- Company Logo at homepage of conference
- Letter of acknowledgement

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