

Last date of Submission of abstract extended to November 15, 2020



AESSRA

# Agricultural Economics and Social Science Research Association (AESSRA), New Delhi

In Collaboration with  
IQAC, Triveni Devi Bhalotia College,  
Kazi Nazrul University  
Raniganj, West Bengal, India

## Announces

Global Conference on Emerging Agricultural Research  
to Endure the Predicament of COVID-19 Pandemic

GCEAREPCP-2020

On December 12-13, 2020

## Venue

Triveni Devi Bhalotia College, Kazi Nazrul  
University, College Para Road, Raniganj,  
West Bengal, India



**Triveni Devi Bhalotia College**

Affiliated to Kazi Nazrul University

NAAC Accredited with B+ Level (CGPA 2.64)

## Invitation

It gives us immense pleasure to cordially welcome in two days International Conference on 'Emerging Agricultural Research to Endure the Predicament of COVID-19 Pandemic' organised by Agricultural Economics and Social Science Research Association (AESSRA) in collaboration with IQAC, Triveni Devi Bhalotia (TDB), Kazi Nazrul University, Raniganj, Burdwan, West Bengal, India.

## About the AESSRA Society

The Agricultural Economics and Social Science Research Association (AESSRA) is a non-profit organization that aims to advance and improve the quality of Education and unite researchers in the field of Agricultural Economics, Extension and Social Sciences. The headquarters of this organisation is 90, Sainik Vihar, Baprola Vihar, Sector 2, Mohan Garden, Uttam Nagar, New Delhi, Delhi 110059, India.

## About the Venue

Triveni Devi Bhalotia (TDB) College, Kazi Nazrul University is located at Raniganj, Burdwan, West Bengal, India. The College is well connected with Kolkata air port. Its nearest Railway station is Asansol. This premier college founded in 1957 and is located in the heartbeat of coalfield region under the University of Burdwan, however, with the creation of Kazi Nazrul University, the college comes under the university. For the last sixty three years the college is excel and experiment with the cutting edge of contemporary thought and creative expression and for those who shall dare give shape to their aspirations and cherished dreams in teaching and research. This institution is very reputed for providing quality liberal education in humanities, commerce, basic sciences, life sciences and earth sciences. The academic life is very smooth and designed to lay a firm conceptual foundation and provide professional expertise necessary for adapting to the challenging work place. The College has in its backbone excellent infrastructure: the teaching faculties, laboratories, computers and other general facilities are amongst the best in the nation.

## About the Global Conference

World is passing through the most challenging hardship ever due to COVID-19 pandemic. All the sectors have faced and are facing a number of constraints in this new normal. According to WTO "World trade is expected to fall by between 13% and 32% in 2020 as the COVID 19 pandemic disrupts normal economic activity and life around the world". Agriculture is perhaps the major area which needs to be safe guard to endure food and nutritional security. "The truism that food is the most fundamental need requires that farmers and agricultural workers are placed on the same footing as health workers engaged in fighting COVID-19. Equally, global and national food systems should be regarded as on a par with health systems in ensuring that hunger and poor nutrition problems are not allowed to escalate" (Schmidhuber, 2020). Agriculture should not be thought in isolation, the whole gamut includes teaching, research, extension and training. All these domains are under new normal and try to cope with the context which is varied as the cases of

COVID -19 is increasing alarmingly. This pandemic had hit all the nations irrespective of developed, developing and underdeveloped. However, mostly its effect will be on developing and under developed nations because of their limited economic resiliency. So, it is a big challenge to sustain human civilization under this new normal of COVID -19 pandemic. Under this backdrop such an important international Conference is pressed for conglomeration of scientists, experts, researchers, students, NGOs, Civil Society, farmers for their findings, views and opinions. Keeping the present plight of environment the theme we are going to deal with are as follows:

## **Track and Sub –Track of the Conference**

### **Track 01: Water security, Soil health (Soil and fertiliser), Integrated-farming-systems, Technologies for climate resilience and Up-scaling NRM technologies**

#### **Sub-track:**

- 1.1 Water pollution, Watershed management and Sustainable water use
- 1.2 Agriculture, Water and Food security
- 1.3 Soil quality, Nutrient cycling in soils and C sequestration
- 1.4 Soil mineralogy and Novel-fertilizer products
- 1.5 Reclamation of saline-alkali soils
- 1.6 Remediation of metal and metalloid pollution
- 1.7 Alternate and low-cost nutrient sources in agriculture
- 1.8 Bio-fortification
- 1.9 Microbial diversity, Bio-fertilizers and Novel composting methods
- 1.10 IFS modules for enhanced productivity, profitability and resource use efficiency of small-holders
- 1.11 Balanced family nutrition, sustained livelihood and Economic viability of IFS
- 1.12 Climate adaptive agriculture, Conservation agriculture, Precision nutrient management, Crop residue management, Carbon sequestration
- 1.13 Climate trends and variation, Climate abnormalities, Temperature sensitivity, Rainfall irregularities and Greenhouse gas emission
- 1.14 Irrigation management under climate change scenario
- 1.15 Nutrient, water, weed and pest management under conservation agriculture
- 1.16 Improved machinery for climate resilient agriculture
- 1.17 Technologies/policy decisions regarding prohibition of residue burning
- 1.18 Agri-based entrepreneurs on NRM and Assessment of NRM technologies
- 1.19 NRM technologies for income enhancement of farmers

## **Track 02: Horticulture for Nutrition and Self-reliance**

### **Sub-Tracks**

- 2.1 Innovative, profitable and sustainable horticultural production systems.
- 2.2 Horticulture for nutrition and immunity
- 2.3 Recent advances in improvement of horticultural crops
- 2.4 Advances in mitigating biotic and abiotic challenges in horticultural crop production
- 2.5 Smart and IoT-based technologies for horticulture sector
- 2.6 Emerging technologies and challenges in postharvest management of horticultural crops
- 2.7 Value addition in horticultural crops for nutrition and entrepreneurship development
- 2.8 Policy planning and extension for inclusive development through horticulture

## **Track 03: New Initiatives in Crop Protection**

### **Sub-Tracks**

- 3.1 Insect pests/disease diagnosis (farmers' friendly methods)
- 3.2 Biological pest control/Integrated Pest Management
- 3.3 Ecological based approaches in managing insect pests and diseases
- 3.4 Conservation of pollinators
- 3.5 Non-chemical weed management

## **Track 04: Containing Covid-19 Impact on Rural Economy; Challenges & Opportunities**

### **Sub-Tracks**

- 4.1 Livelihood Security and changing dynamics with poverty
- 4.2 Technology Adoption and Role of Mechanization
- 4.3 Agricultural Markets, Prices and Value Chains
- 4.4 Sustainable Resource Use and Risk Management
- 4.5 Institutional Reforms and Policy Issues
- 4.6 Paradigm Shift in ICT in Agricultural Extension
- 4.7 Group Approach in Agricultural Extension
- 4.8 Artificial Intelligence in Agriculture

## **Track 05: Institutional Education in New Normal COVID-19**

### **Sub-Tracks**

- 5.1 Online teaching-learning -vs -Classroom teaching
- 5.2 Impact on agricultural students' research
- 5.3 The new normal students' performance assessment
- 5.4 Lockdown effect on students' psychology

# Call for paper

The participants are requested to submit an abstract and full paper of original research work. The length of the Extended Summary must not exceed 750 words. All the Extended Summaries will be reviewed by the scientific committee and all the accepted Summaries will be published in the conference proceeding books. Guideline of extended summary-

- Title:
- Author/s (Presenter should be star mark\*)
- Key words:
- Introduction (Within 150 words):
- Materials and Methods (Within 100 words):
- Results and Discussion (Within 300 words):
- Conclusions (Within 150 words):
- References (Only Two):
- Format of writing: MS Word, Font-Times New Roman, Front Size 12, Spacing 1.5

## Sending the Extended Abstract & Full Manuscript

It is requested to send the extended abstract and Full Manuscript to the following email ids as per the tracks –

Track	Person to be Contacted
1	<b>Dr. Nintu Mandal</b> Department of Soil Science and Agricultural Chemistry Bihar Agricultural University, Sabour, Bhagalpur, Bihar, India Phone No: +91-8677824066 <b>Email:</b> globalconferencenrm2020@gmail.com
2	<b>Dr. Kalyan Barman</b> Department of Horticulture, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi 221005, Uttar Pradesh, India Phone No:+91-9794340053 <b>Email:</b> globalconference.hort@gmail.com
3	<b>Dr. Tarak Nath Goswami</b> Bihar Agricultural University, Sabour, Bihar India Phone No: +91-9472239478 <b>Email:</b> cropprotectionGCEAREPCP@gmail.com
4	<b>Dr. Bitan Mondal</b> Department of Agricultural Economics, Institute of Agriculture, Visva-Bharati Sriniketan, Birbhum, West Bengal-731236, India Phone No: +91-9896677149 <b>Email:</b> globalconference2020.ss@gmail.com

For any other query please speak to this number: +91- 8617025402 (Dr. C K Panda, Organising Secretary)

## Important Dates

**Last date of Submission of Extended Abstract:** October 22, 2020

Revised date on submission of extended abstract : November 15,2020

**Announcement of Acceptance of Extended Abstract:** October 30, 2020

Revised date on Announcement of Acceptance of Extended Abstract: November 17,2020

**Last date of Submission of Full Manuscript:** November 10, 2020

Revised date on Last date of Submission of Full Manuscript: November 22, 2020

## Registration

Categories	Amount
Faculty/Scientists/Industry /Others	Rs. 1000/-
Research Scholar/Students	Rs. 800/-
Foreign Participants	30 US Dollar
Mode of Registration	Online (NEFT/RTGS)
Bank Details:	<b>Bank Details:</b> Account Name: AESSRA A/c no. 50200048712102 ; IFSC: HDFC0001067 Bank Name: HDFC Bank Ltd

## Journal Associated

1. Economic Affairs (ISSN No 0424-2513) NAAS Rating: 4.82
2. International Journal of Social Sciences (ISSN No 2249-6637) NAAS Rating: 3.63

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## Track 03

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### **Dr. Gavas Ragesh**

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### **Dr. Shanika Jayasekera**

Sri Lanka Council for Agricultural Research Policy, Sri Lanka

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## Convenor

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## Important Notes

1. Registration form along with online bank transaction of registration fee should be sent to this email id: [gconfr@gmail.com](mailto:gconfr@gmail.com)
2. For your presentation please speak to the concern track joint organising secretary. For general query feel free to speak +91- 8617025402 (Dr. C K Panda, Organising Secretary)
3. Mode of presentation –Online/Offline (Concern presenter have to mention in the registration form of his/her choice on mode of presentation)
4. Presenter have to choose for oral/poster presentation in registration form (However, final decision will be taken by the Joint Organising Secretaries of the concern Track)
5. For sponsorship please speak to this Phone No. 9434233469 (Prof. Debashis Sarkar, Organising Chairman)
6. Best paper presentation award for each track (Three per track)
7. Book of abstract will be published with ISBN No.
8. Link for virtual presentation/participation will be provide in due time
9. Template of presentation will be provided to the presenter of manuscript/research paper by the Joint Organizing Secretary of the concern Track
10. Abstract & manuscript/research paper to be sent to the Joint Organising secretary of the concern Track

# Global Conference on Emerging Agricultural Research to Endure the Predicament of COVID-19 Pandemic (GCEAREPCP-2020)

**Date:** December 12-13, 2020

**Venue:** Triveni Devi Bhalotia College, Kazi Nazrul University, Raniganj, West Bengal

## Registration Form

Name of participant: Mr./Ms./Dr./Prof. (In Block Letter):.....

Designation/Position:.....

Organization/Institution:.....

Mailing Address with Pin Code: .....

.....

E-mail Id:.....

Contact Number:..... WhatsApp No.....

Gender: Male/Female .....

Manuscript/Paper Title: .....

Track Code:.....

Category of Participation: Faculty/Scientist/Research Scholar/Students/Others .....

Category of presentation(Oral/Poster) .....

Mode of Presentation (Online/ Offline) .....

### Fee Details

Mode of transfer: NEFT/RTGS

Amount Remitted: Rs./US Dollar.....(In Words)

Transaction No: .....

Signature of Applicant

Date: .....

Place: .....

**Note:** Registration form along with online bank transaction of registration fee should be sent to this email id: [gconfr@gmail.com](mailto:gconfr@gmail.com)

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