



Society for Advancement in Agriculture
& Allied Sciences, Lucknow (U.P)



RAMA
UNIVERSITY

International Conference on

EMERGING TECHNOLOGIES IN AGRICULTURE & ALLIED SECTORS FOR SUSTAINABLE DEVELOPMENT

February 24th & 25th, 2025

Scan QR For Registration:



Organized by: Faculty of Agricultural Sciences & Allied Industries, Rama University, Kanpur.

The agriculture & allied sector is one of the most pivotal sectors of the Indian economy. The sector comprises over 14 Cr farmers and provide livelihood to almost half the Indian population. Despite the shocks from the pandemic, the sector registered strong growth in the recent year. As a matter of fact, over the last few years, despite the pandemic, Russia-Ukraine war and the sectoral shifts, agriculture has been the only sector to display constant growth. Despite the supply chain disruption due to aforementioned crises, the sector has shown strong resilience to external hindrances. This is in sync with Hon'ble Prime Minister's vision of 'Atmanirbhar Bharat' or 'self sufficient India'. Government-formulated policies and decisions have played a major role in influencing innovations, inputs, investment, productivity, processing and distribution within the agri-food sector.

The Global Hunger Index 2022 placed India at the 107th position among 121 countries. Achieving 'zero hunger' by 2030 is a humungous challenge, and needs an integrated and multi-dimensional approach for overall sustainable agriculture and food systems in the country. One of the critical challenges for a country's food security is [climate change and its impact in form of extreme weather events. The predicted 1-2.5 0C temperature rise by 2030 is likely to show serious effects on crop yields. High temperatures may reduce crop duration, permit changes in photosynthesis, escalate crop respiration rates and influence pest population. Climate change accelerates nutrient mineralization, hampers fertilizer use efficiency \(FUE\) and hastens the evapo transpiration in soil.](#)

Since the inception of the United Nations Sustainable Development Goals (UN-SDGs), developmental policies world-wide have made earnest attempts to align sectoral growth targets with sustainability principles. Whilst the SDGs with their associated targets and indicators provide a pathway for achieving long-term intra and intergenerational well-being within environmental limits, sustainable transformation of agri-food systems holds the potential to positively impact the progress of most of the Goals. National and State-level policies, missions and schemes related to the agriculture and allied sector have made earnest attempts to align sectoral growth targets with sustainability principles both in the environmental and social dimension. As a result, most of the agriculture and allied sector policies formulated by the Indian Government at the National and sub-national (State) level in recent times have focused on incorporating strategies, innovations, technologies and funding mechanisms that can improve sustainable growth of the agri-food sector.

Hence this conference is being organized with an objective to provide a platform for the researchers, extension workers, academicians and students working with the smart options in the field of agricultural and allied sciences to share and discuss their innovations and advancements. Participants will likely benefit from deliberations during the conference in terms of knowing about the work done across the globe and the peer criticism and review during the conference.



ABOUT RAMA UNIVERSITY

Rama University is a renowned name in the world of education. Recognized by UGC, Government of India, the university is rising as one of the largest educational establishments in the country. Involved in imparting world class education, Rama University has shaped more than 10,000 professionals so far and offers more than 100 courses across 11 specialized fields. Based out of Delhi-NCR and Kanpur, Rama University has two hi-tech campuses spread across more than 150 acres of collective area. Lush green environment, serene surroundings and all the necessary facilities are available within the campus. The university promises to be a perfect place for learning. With highly educated faculty members with international experience, progressive learning approach and modern teaching methodology, the University is focused at preparing strong and future ready professionals. Rama University has 11 constituent faculties, and state-of-the-art research centers to efficiently cater to the students from all over the country. The dynamic environment in the University not only ensures enormous growth potential but also promotes intellectual as well as personal growth. The University offers specialized courses across 11 professional streams such as Basic & Clinical Medical Sciences, Dental Sciences, Nursing, Paramedical Sciences, Biotechnology, Engineering, Commerce & Management, Agriculture, Journalism, Juridical Sciences, Ayurveda, Pharmaceutical and professional studies. RAMA University-The Paramount of Excellence Rama University has been a popular choice among the students looking for a pioneer educational institution for higher studies. The Sanskrit verse "Sarve Bhawantu Sukhina, Sarve Santu Niramaya", meaning let every individual be happy and thus every individual be healthy, is the stimulating force behind our aim to provide globally competitive courses to the aspirants. We promote a holistic learning environment.

ABOUT OF FACULTY OF AGRICULTURAL SCIENCES & ALLIED INDUSTRIES

Faculty of Agricultural Sciences and Allied Industries at Rama University covers educational and scientific/research activities with an aim to promote science-based agricultural education and research. The comprehensive program provides students with sound knowledge in the mathematics, science and engineering science required to solve agricultural engineering problems. It also enables them to effectively identify and design sustainable solutions to address issues and global opportunities. The agriculture degree program at Rama University ensures successful professional careers in agro-industries, government organization, educational/research/extension institute. It equips the students to demonstrate strong leadership skills, ethical integrity, and professional engagement in any work settings. With a degree in Agricultural Science, students take their first step toward a rewarding career. Faculty of Agricultural Sciences and Allied Industries offers Bachelor (B.Sc.), Masters (M.Sc.) and Ph.D. Degree Programs in Agricultural Sciences. The aim is to generate trained manpower in the areas of agriculture and to integrate research and teaching to harness maximum potential and has emerged as a centre of excellence in imparting quality teaching and training at under graduate, Post-graduate level and propagating research activities in diverse field of this important science. The course curriculum will not only equip the student with sound knowledge and expertise in relevant areas but will also create avenues for research and job opportunities in future and for self-employment. Department is equipped with modern equipments with state of the art laboratory facilities and has dedicated faculty engaged in various disciplines of agricultural sciences.



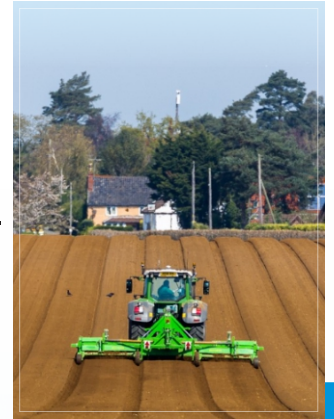
ABOUT SAAAS:

Society for Advancement in Agriculture & Allied Sciences (SAAAS) is an autonomous and non-profit association founded in February 2023 and registered (Registration Number- 10564/2022-2023) under the Society Registration Act 21, 1860. SAAAS is dedicated for the advancement of education, research & development, extension, technology transfer, awareness programmes for the benefit of farmers, students and other stakeholders. With a strong emphasis on research, education, and innovation, the society aims to foster collaboration and knowledge sharing among professionals in this field. Through conferences, seminars, and workshops, the society provides a platform for experts to exchange ideas, discuss emerging trends, and address challenges faced by the agriculture industry. By promoting scientific advancements, sustainable practices, and technological innovations, the society strives to enhance productivity, improve food security, and ensure the overall welfare of farmers and rural communities. With its diverse membership consisting of scientists, researchers, educators, policymakers, and industry professionals, the society plays a crucial role in driving progress and shaping the future of agriculture and allied sciences.



THEMES / THRUST AREA

- Novel Strategies for the Preservation and Administration of Resources.
- Plant Breeding Trends on the Rise for a Sustainable Bio-economy.
- New Directions in Eco-Friendly and Sustainable Pest and Disease Management.
- Climate Smart Agriculture for Sustaining Productivity.
- Precision Tools for Smart Management of Natural Resources.
- Smart Approaches for Environmental Conservation and Ecological Management.
- Artificial Intelligence, Machine Learning and Digital Ecosystem in Agriculture.
- New Prospects in Agri-entrepreneurship and Agro based Industries .
- Marketing Access & Financing Solutions .
- Innovations and Best Practices in Agricultural Extension and Advisory Services.
- Emerging Trends in Post Harvest Management of Fruits and Vegetables.



CALL FOR ABSTRACTS / RESEARCH PAPER (+91 6307287673):

- Abstracts are invited for presentation in both Oral and Poster category.
- The Abstract should be less than 500 words typed in A-4 size, follow the format:14font size for title (bold), 12 for author names (bold), affiliation (Italics), abstract body and keywords (Italics). Font will be Times New Roman. Abstract should be submitted through email.
- The registered participants shall only be allowed for Oral and Poster Presentations based on selection by the technical screening committee.
- Only one abstract is allowed for each registration. However, individual can be a co-author of abstracts submitted by other registered delegates.

IMPORTANT DUE DATES:

- Last date of Abstract submission: 20th January, 2025 ;Intimation of acceptance of abstracts: 05th January, 2025.
- Submission of full length papers: 10th January, 2025.
- Last date for Registration (without late fee): 10th February, 2025.





ACCOUNT DETAILS:

Registration fee may be sent by NEFT/ IMPS/ Cash deposit in favor of Rama University, Uttar Pradesh, Kanpur-209217

- ◆ Account Name: SBI
- ◆ Account No.: 43263349848
- ◆ IFSC Code: SBIN0000107
- ◆ Branch: Civil Lines, Kanpur Nagar, Uttar Pradesh

CONFERENCE IS OPEN ONLY FOR THE REGISTERED PARTICIPANTS. REGISTRATION FEE IS AS UNDER:

Registration Fee

Category	Fee(?)
Industries/Exporters	2,500
Delegates/ Academics	1,500
Scientist, Professor, Associate Professor, Assistant Professor	1000
Students PhD, M.Sc.	700
Farmers	Free of cost

Bring the cash deposit or bank transfer detail in original at the time of final registration.

VENUE:

University Auditorium, In front of Rama Medical College, Rama University, Kanpur.

OPPORTUNITIES FOR CO-SPONSORS:

Co-sponsors of the conference are offered with multiple opportunities including placement of their organization/company logo/emblem in the backdrop, advertisement in souvenir, etc. The sponsorship contribution is as follows:

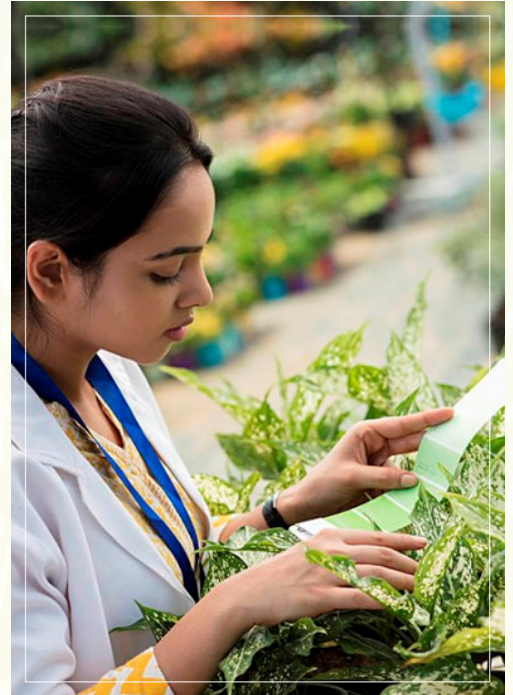
CO-SPONSORED:

- Platinum - 30,000 with 3 Guest delegates. (Free Registration)
- Diamond - 20,000 with 2 Guest delegates. (Free Registration)
- Gold - 10,000 with 1 Guest delegates. (Free Registration)

ADVERTISEMENT IN SOUVENIR:

The Souvenir of the Conference which will contain messages from VIP's and articles from renowned scientists, policy makers and administrators have provision for advertisement by the Companies. Souvenir is a very important publication of the Conference and is usually kept by the delegates for long period to be used as reference book. Interested Companies may contact the organizers for giving their advertisements. The rates for the advertisement are as follows:

- Full Colour page - 10,000
- Half Colour page - 5,000
- Full B/W page - 2,500
- Half B/W page - 1,500



EVENTS:

- Invited papers and lead talks.
- Oral Presentation.
- Poster Presentation.
- Farmers- experts interaction.



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• 9838215431, 9758059228

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- National/International Institutions working in the field of Agriculture.
- NGO/Corporate Sector/ Entrepreneurs/ Policy makers' representative involved with Agriculture.
- Directors, Scientists and students at ICAR/CSIR/ State Universities/Private Institutes.
- Vice Chancellors, Directors of Central Agricultural Universities, Universities, State Agricultural Universities(SAU's) and other Scientific Institutions.

ACCOMMODATION:

The limited accommodation is available in the university and other guest houses. On request, the organizers will arrange for reservation of accommodation provided the payment is received well in advance. A wide range of hotels and guest houses is available. The likely tariffs are as under:

Hotels : 2000 to 5000/-

Guest House : 500 to 1500/-



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