



IN CASE OF COVID 19 SITUATION, THE CONFERENCE WILL BE FULLY ONLINE MODE.

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 led to great increases in agricultural productivity as well as reduced environmental impacts. We take great pleasure in inviting you to the "INTERNATIONAL CONFERENCE ON ADVANCES IN AGRICULTURE TECHNOLOGY AND ALLIED SCIENCES (ICAATAS 2022)" being organized by the Society of Agriculture Research and Social Development, MS Swaminathan School of Agriculture, Centurion University of Technology and Management, Parlakhamundi, Odisha and Association of Rice Research Workers (ARRW), NRRI. 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. We sincerely also request you to kindly circulate the information among relevant members of your respective esteemed organization. We look forward to your presence at ICAATAS 2022!

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 2022)" 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 Sciences, Fisheries and Social Sciences etc.

Centurion University of Technology and Management

The journey of Centurion University of Technology and Management (CUTM) began in the year 2005 by a group of ambitious academics with aspirations to provide high quality education both nationally and internationally. The first step in this direction was to take over an ailing engineering Institute, the Jagannath Institute for Technology and Management (JITM) in one of the most challenging tribal districts of Odisha and one which was considered to be a left-wing extremist affected area. Subsequently, JITM was transformed into Centurion University of Technology and Management in August 2010, through an act of Odisha Legislative Assembly. It became the First Multi-Sector State Private University in Odisha. M.S. Swaminathan School of Agriculture (MSSSoA) is located in Gajapati district in South Odisha. The M.S. Swaminathan School of Agriculture, Centurion University of Technology and Management, Paralakhemundi, having NAAC Accreditation (Grade `A`) has state-of-the-art infrastructure and is committed to quality and excellence. Further the institution strives its students to be highly competitive at the global level and thereby, make them proud citizens of the country. The institution imparts education in the field of Agricultural Science and Technology and is dedicated to uplift the livelihood of the farmers and agricultural workers.

OUR PARTNERS

- | | | |
|---|---|--------------------------|
| ▶ Association of Rice Research Workers, ICAR-NRRI, Odisha | ➔ | (Knowledge partner) |
| ▶ AbhinavKrishi Research Organization, Sambalpur, Odisha | ➔ | (Knowledge partner) |
| ▶ All India Agricultural Students Association (AIASA), Odisha | ➔ | (Organizing partner) |
| ▶ Eprod Solutions | ➔ | Global partner |
| ▶ Biofeed | ➔ | Global partner |
| ▶ FutuX Agri-consult Limited | ➔ | Global partner |
| ▶ Malla Reddy University | ➔ | (Knowledge partner) |
| ▶ Agriculture Today | ➔ | Media Partner |
| ▶ Clitationsy* | ➔ | Global knowledge Partner |

HIGHLIGHTS OF THE CONFERENCE

- SESSIONS:**
- ➔ Technical Sessions (Oral/Poster)
 - ➔ Expert lectures by invited Speakers
 - ➔ Expert virtual sessions by International invited Speakers
 - ➔ Farmers Felicitations
 - ➔ Awards Ceremony
 - ➔ Agri-Corporate Partners Exhibition and Advertisement

PUBLICATION PARTNERS

THE PHARMA INNOVATION JOURNAL- An International Journal with NAAS RATING 5.23, IMPACT FACTOR RJIF 5.98

International Journal of Entomology Research- Web of Science indexed, IMPACT FACTOR RJIF 8

ORYZA- An International Journal On Rice, Naas Rating- 5.03

Plant Science Today (Special issue) Scopus Indexed Journal. (Q3)

Journal of Applied Biology & Biotechnology, Scopus & Web of Science Indexed

INVITED KEYNOTE SPEAKERS & PATRONS



Dr. Kadambot Siddique, Hackett Professor of Agriculture Chair and Director at the UWA Institute of Agriculture, Nedlands, Australia



Prof. Supriya Pattanayak, Hon'ble VC, CUTM



Dr. A. Raja Reddy, Dean, School of Agriculture Science, Malla Reddy University.



Dr. KK Sharma, FESI Director, ICAR-Indian Institute of Natural Resins and Gums



Dr. Chitra Shanker, Principal Scientist, Entomology, ICAR, INDIAN INSTITUTE OF RICE RESEARCH



Dr. Nimrod Israely, Founder CEO, Biofeed, Israel.



Dr. M. Devender Reddy, Dean, MSSSoA, CUTM



Dr. Pranav Kumar Prabhakar, Prof, Department of Research Impact



Dr. Vijay Kumar, Assistant Professor, Department of Research and Development, Lovely Professional University



Dr. SP Nanda, Dean(Admin), MSSSoA, CUTM



Dr. Sanjoy Saha, Principal Scientist, ICAR-NRRI, Cuttack, Secretary, ARRW



Dr. Neeraj Sharma, Senior Potato Breeder, Tuberosum Technologies, Canada.



Dr. Anita Patra, Registrar, CUTM



Tadala Makuluni, Drone Pilot and Environmentalists, Nyasa Aerial Data Solutions, CEO,



Dr. Amit Kesarwani, Asst. Prof, Agronomy, GB Pant University of Agriculture and Technology, Pantnagar.



Dr. Jan Willem van Castern, value chain expert, Nairobi, Kenya



Dr. Ardalan Ghilavizadeh, Expert in vertical farming, Bavaria Germany



Babatunde Emmanuel Olarewaju, consultant food safety expert, research value chain expert, FAO, Nigeria



Kareem Longwe, Agronomist, International Potato Research Centre



Japhet Khendlo, Malawi



Mr. Khumbo M Phiri, Animal Science and Animal Health, Malawi



Dr. Joginder Singh, Prof. Department of Microbiology, LPU, Punjab



JC Chidiac, USA



Dr. Chandra Mohan Mehta, COS, School of Agriculture, LPU, Punjab.



Dr. Jafar Azizi, Islamic Azad University, Iran



Dr. Sayan Putatunda, AI and machine learning in the agriculture sector IIM Ahmedabad

MAJOR THEMES

Theme 1: Innovative Approaches for crop improvement and allied Sciences

Theme 2: Precision agriculture and its future

Theme 3: Innovative Approaches for crop protection (Disease and Pest management)

Theme 4: Agroforestry, Natural resource management, Crop production, Food, and Environmental Security

Theme 5: Innovative approaches toward Life Sciences, Biomedical Sciences, and Biotechnological aspects

Theme 6: New frontiers in Food processing, Value addition, and post-harvest management.

Theme 7: Digitalization of agriculture and allied sciences

Theme 8: Innovative approaches toward natural and organic farming

Theme 9: New technologies in protected cultivation and their future impact

Theme 10: New approaches for farmers' wellness, Agricultural marketing, Export, entrepreneurship development, and Agri-business management opportunities

Theme 11: Advances in Dairy Science Animal health, animal husbandry.

Theme 12: Present and Future aspects of Marine Science, Aquaculture, Oceanology, and Fisheries

REGISTRATION FEES OF ICAATAS 2022

CATEGORY	ONLINE MODE	OFFLINE MODE
UG	₹500/- 10 \$	₹1000/- 20\$
PG	₹1000/- 20\$	₹1500/- 30\$
Ph.D./ JRF/SRF/RA	₹1500/- 30\$	₹2000/- 40\$
FACULTY/SCIENTISTS/SCIENTIST ASSOCIATE	₹2000/- 40\$	₹2500/- 50\$
PRIVATE ORGANIZATION/INDUSRTY	₹4000/- 75\$	₹5000/- 95\$

Registration contribution includes working Breakfast, Lunch, Dinner and Registration kit only for OFFLINE MODE PEOPLE.

PAYMENT DETAILS: GOOGLE PAY / PAYTM / PHONE PAY UPI

UPI- 9863977658@paytm

Account Details - 50200067532831

Name - Diptanu Banik

Branch - Maheru, Phagwara IFSC -HDFC0003293



Poster Presentations/ Oral Presentations

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 or before the **25th of May 2022**.
- **Submission of Abstracts:** Abstracts not exceeding 300 words with specific key words with ICAATAS 2022 themes should be sent to the organizing team through email at contacticaatas@gmail.com Registration is mandatory for publication of abstract in Souvenir.
- **Submission of Full-Length Papers:** Full-length research papers should be submitted to the organizing team through email at contacticaatas@gmail.com 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), References. Authors have to pay minimal charges for the publication of their manuscripts after acceptance by reviewers.
- **Submission of Book Chapters:** Delegates desirous of availing the opportunity of publishing a book chapter in AKINIK PUBLICATION AND BRIGHT SKY PUBLICATION from 8-10 pages in double space, Arial font, 12 in size in any theme of the ICAATAS 2022 and should be submitted well in advance to the organizing team through email at contacticaatas@gmail.com. Registration is mandatory for publication of the book chapter and processing fee 1500 PER CHAPTER through Cash/Demand Draft/Bank Transfer / Online Transactions. The submitted Abstracts/ Papers/ Book chapters will be reviewed by ICAATAS 2022 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.

➤➤➤ **Popular Article Submission:** Articles should be maximum of 2-3pages in length. Articles should comprise of introduction, details conclusion, and references. For UG students the Article processing charge is 250/- and for master and Ph.D. 500/-.

PROPOSED BOOKS

- Advancement 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

***Non Manuscripts will be published without Registration in the conference.*Paper will be accepted after peer review process.*All right reserved, ***Publication Fee should be paid after acceptance of Research paper/Book chapters.**

PUBLICATION FEES/CHARGES	
International Journal of Entomology Research WEB OF SCIENCE INDEXED, IMPACT FACTOR RJIF 8	₹3000/-
The Pharma Innovation JournalNAAS RATING 5.23, IMPACT FACTOR RJIF 5.98	₹5000/-
Book Chapter(Akinik, Bright sky, Integrated)	₹1500/-
Popular Article (UG,PG/Ph.D,Faculties)	₹250/₹500/-
ORYZA- An International Journal On Rice, Naas Rating- 5.03	No Charge
Plant Science Today (Special issue) Scopus Indexed Journal. (Q3)	₹15000/-
Journal of Applied Biology & Biotechnology, Scopus & Web of Science Indexed	₹10000/-

AWARDS NOMINATION

- Life Time Achievement Award
- Young Scientist Award
- Young Agriculturist Award
- Young Achiever Award
- Young Scientist Associate Award
- Innovative Farmer/ Entrepreneur Award
- Women Scientist Award
- Young Professional Award
- Outstanding/ Best Ph. D. Thesis Award
- Best Research Scholar Award (Ph.D. / PDF)

- Best Faculty Award (Assistant Professors)
- Best Extension Scientist Award/ Best KVK Scientist Award
- Best Agriculturist Award(Horticulturist/Agronomist/Entomologist/PlantPathologist/ Plant Breeder/Soil scientist etc)
- Eminent Scientist Award of the Year/Scientist of the Year Award (Department wise)
- Best/Outstanding Master's Thesis/ Dissertation Award

All interested Delegates/Researchers/Academicians/Farmers/Students/Entrepreneurs are requested to register themselves for award nomination by the 28th of May and send a soft copy of bio-data to the ICAATAS 2022 TEAM through Email:contacticaatas@gmail.com, before the 28th May 2022, for the Award Nomination from Society of Agricultural Research and Social Development. (Award Nomination Contribution ₹5000/-. For Annual Membership of the Society the contribution is ₹1000/- and Life Time membership the contribution is ₹3000/-

➤ SCAN FOR AWARD NOMINATION'S Accommodation Details:

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



<https://forms.gle/y6tnekH3Hv9Cx4x7A>

- **CONFERENCE DIRECTOR-** Dr. S.P. Nanda, Dean (Admin), MSSSoA, CUTM
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- Prof. Supriya Pattanayak, Hon'ble VC, CUTM
- Dr. Chitra Shanker, Principal Scientist (Entomology), ICAR - Indian Institute of Rice Research, Hyderabad

- **PATRONS**
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- Dr. M. Devender Reddy, Dean, MSSSoA, CUTM
- **INTERNATIONAL PATRONS**
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- Dr.Addanki Maneesha, Assistant Professor, Malla Reddy University, Hyderabad

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- Dr. Nihal Rabindranath, Assistant Professor, CUTM
- Dr. Ritesh Kumar, Assistant Professor, CUTM
- Dr. P. Sushmita, Assistant Professor, CUTM
- Dr. Manish Kumar Yadav, Assistant Professor, CUTM
- Mr. L. Sagar, Assistant Professor, CUTM

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- Dr.Subhash Reddy, Professor, Malla Reddy University, Hyderabad
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- Dr. Amit Kesrwani, Assistant Professor, GB Pant University, Uttarakhand

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- Dr. Satyabrata Nanda, Assistant Professor, CUTM
- Dr. Ajay Kumar Prusty, Assistant Professor, CUTM
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- Dr. Lipsa Dash, Assistant Professor, CUTM
- Dr. Smaranika Mahanta, Assistant Professor, CUTM
- Dr. Sunil Rathod, Assistant Professor, CUTM
- Dr. N. K. Chaurasia, Assistant Professor, CUTM

BEST TOURISTS SPOTS OF ODISHA AND PARALAKHEMUNDI TO VISIT

1. PURI BEACH



2. BHUBANESHWAR



3. CUTTACK



4. SAMBALPUR



5. CHILIKA



6. BERHAMPUR



7. ROURKELLA



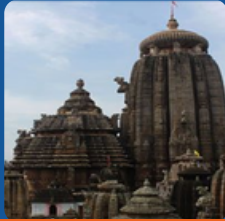
8. SHREE JAGANNATH TEMPLE



9. KONARK TEMPLE



10. LINGARAJA TEMPLE



11. CHANDRAGIRI



12. GANDAHATI WATERFALL



13. MAHENDRAGIRI



14. GAJAPATI PALACE



COMMUNICATION TO CUTM, PRALAKHEMUNDI

By Air up to Bhubaneswar or Visakhapatnam

Bhubaneswar

(300 km from CUTM)

By Road/Train

Direct or via Berhampur

CUTM, Paralakhemundi

OR

Visakhapatnam

(180 km from CUTM)

By Road

Direct or via Vizianagaram

CUTM, Paralakhemundi

By Train up to Bhubaneswar or Palasa

Bhubaneswar

(300 km from CUTM)

By Road/Train

Direct or via Berhampur

CUTM, Paralakhemundi

Palasa

(40 km from CUTM)

By Road

CUTM, Paralakhemundi

By Road

Bhubaneswar

(300 km from CUTM)

Vizianagaram

(140 km from CUTM)

Berhampur

(100 km from CUTM)

CUTM, Paralakhemundi

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SCAN FOR REGISTRATION

<https://forms.gle/pfD5Rm3HF577Fcxx5>

SCAN FOR AWARD NOMINATION

<https://forms.gle/pfD5Rm3HF577Fcxx5>

