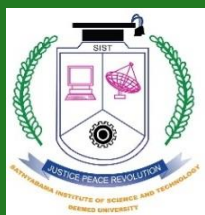


The 11th International Conference on the Integration of Science and Technology for Sustainable Development 2023 (11th ICIST 2023)

Organized by



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Chennai, Tamil Nadu, India



**ASSOCIATION OF AGRICULTURAL
TECHNOLOGY IN SOUTHEAST ASIA
(AATSEA),
Thailand**

Co-Organized by



1st Announcement

Date:

9-11, December 2023

Venue:

**Sathyabama Institute of Science and Technology
Chennai, Tamil Nadu, India**

Chief Patrons

Dr. Mariazeena Johnson

Chancellor

Dr. Marie Johnson

President

Vice Presidents

Mr. J. Arul Selvan

Mrs. Maria Bernadette Tamilarasi

Ms. Maria Catherine Jayapriya

Sathyabama Institute of Science and Technology

Patrons

Dr. T. Sasipraba

Vice Chancellor

Sathyabama Institute of Science and Technology

Prof. Dr. Kasem Soyong

President

Association of Agricultural Technology in Southeast Asia (AATSEA), Thailand

Organizing Secretaries

Dr. V.Gopikrishnan, Scientist C

Dr. M. Radhakrishnan, Scientist E

Dr. P. Krupakar, Scientist E

Dr. Jiaojiao Song, AATSEA Secretary

Co-Organizing Secretaries

Dr. T. Rajasekar, Scientist C

Dr. S. Kumaran, Scientist C

Dr.K.Manigundan, Scientist C

Centre for Drug Discovery and Development

Sathyabama Institute of Science and Technology

Organizing Members

Research Scholars

Centre for Drug Discovery and Development

Sathyabama Institute of Science and Technology

About the Institution

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, a Christian Minority Institution, was established in 1987 by Col. Dr. Jeppiaar. It is a premier Institute imparting knowledge in the areas of Engineering, Science, Technology and Education. The institution's progress and contribution for over a decade resulted in granting Deemed University status on 16th July, 2001 and University status on 13th September, 2006 under section(3) of the UGC Act, 1956 by the Ministry of Human Resources Development, Government of India. Institution has been awarded as Category "A" institute by Ministry of Human Resources Development (MHRD), Government of India in 2012 and accredited by NAAC with "A" Grade and also certified with DNV- GL ISO 9001 standard. The untiring efforts of the faculty, Students, Management and the positive academic ambience has led to 41st ranking in 2019 and one among the top 50 Universities for the last four consecutive years by National Institutional Ranking Framework, Ministry of Human Resource Development, Government of India. With a sprawling campus of 129 acres, University offers 27 programmes at UG level and 41 programmes at PG level in all disciplines. The University has excellent infrastructure facilities including modern laboratories, library with multimedia facilities, internet and other general amenities. The University has undertaken various sponsored and collaborative R & D projects funded by DST, DBT, ICMR, MoES, ISRO, BRNS, DRDO and IGCAR.

About the Centre

Centre for Drug Discovery and Development was established in the year 2013 at the University with the goal to discover new chemical entities (NCEs) from natural resources to fight against life threatening infectious diseases like TB and HIV and non infectious diseases like cancer, diabetes, etc. The centre is having dedicated BSL III facility for anti TB, anti viral and anti cancer screening of natural and synthetic molecules. The centre is functioning as four major divisions such as bioprospecting, bioactivity, medicinal chemistry and proteomics & genomics. Our major thrust area is bioprospecting of microbes in particular actinobacteria and lactic acid bacteria and plants from less explored sources for anti TB, anti viral and anticancer metabolites. The centre consists of a group of enthusiastic and experienced scientists are actively pursuing collaborative research with National and International collaborators in the academic community as well as with industrial partners both in India and abroad. At present the centre is having projects from DST, DBT, ICMR, MoES, NCPOR and MHRD-SPARC programme.

About the Conference

The 11th International Conference on Integration of Science and Technology for Sustainable Development 2023 (11th ICIST 2023) which will be scheduled in December 9-11, 2023. The theme of the Conference is "Soil, water and environmental conservation, biological diversity, food security/safety and sustainable agriculture". This international conference on sustainable agriculture will pave the way for sharing the knowledge on agriculture research going on from different ecosystem in India and globally and it also identify the gaps for doing further research by the academicians researchers and industrialists.

About the AATSEA

Association of Agricultural Technology in Southeast Asia (AATSEA) is non-profitable organization and dedicated to a mission of long-term research, education and outreach related to the modern agricultural technology in Southeast Asia. The primary mission of AATSEA is to conduct and stimulate long-term research on the relationships between members in Southeast Asia. The ranch is managed at full production levels to collaborate for research purposes. Revenues from modern agricultural technology support research activities. This provides staff and visiting scientists a unique opportunity to visit each other both sides.

International Advisory Committee

- Chairmanship: Excellency Prof. Dr. Mohamed Hashem, President of National Research Center (NRC, Egypt)
- Prof. Dr. Hiroyuki Konuma, President of GIAPSA, Japan
- Prof. Dr. Kasem Soyong (AATSEA)
- Prof. Teodoro Mendoza (Philippines)
- Asst. Prof. Waigoon Thongaram (RBRU, Thailand),
- Asst. Prof. Dr. Terdsak Puramongkon (RMUTTO, Thailand),
- Prof. Dr. Retro Augustina Ekaputri (University of Bengkulu, Indonesia),
- Prof. Dr. Mamdouh Moawad (Egypt),
- Prof. Dr. Thangadurai Devarajan (SAB, India),
- Mrs. Hai Hoang (BioAgritech, Vietnam),
- Mr. Thet Lwin Htay (Shwe Kant Kaw, Myanmar), Mr. Young Ah Choi (CGC organic coffee, Laos),
- Prof. Dr. Lalitha S. (India)

International Committee Members

- Prof. Dr. Mamdouh Moawad (Egypt)
- Prof. Dr. Bhat, Rajeev (Estonia, EU)
- Prof. Dr. Danesh, Y.R. (Iran)
- Prof. Dr. John C. Moreki (Botswana)
- Prof. Dr. Juokslahti Tapio (Finland)
- Prof. Dr. Teodoro C. Mendoza (Philippines)
- Thet Lwin Htay (Myanmar)
- Dr. Hoang Pham (Vietnam)
- Prof. Dr. Wafaa Haggag (Egypt)
- Prof. Dr. Moammar Dayoub (Finland)
- Prof. Dr. Thangadurai Devarajan (India)
- Prof. Dr. Lalitha S. (India)
- Prof. Dr. Retro Augustina Ekaputri (Indonesia)
- Jame Kernard Jacob (Philippines)
- Dr. Samantha Chadranath karunarathna (Sri Lanka)
- Dr. TSSK Patro (India)
- Prof. Dr. Moammar Dayoub (Finland)
- Prof. Dr. Jin-Cheol Kim (Korea)
- Prof. Dr. Nanik Setyowati (Indonesia)
- Dr. Huyly Tann (Cambodia)
- Dr. Md. Asaduzzaman Sarker (Bangladesh)
- Edison Chen (Vietnam)
- Beletskiy Sergey (Russia)
- Prof. Dr. Vadim Fedorov (Russia)
- Dr. Nguyen Van Thiep (Vietnam)
- Prof. Dr. Oksana Belous (Russia)
- Prof. Dr. John Moreki (Botswana)
- Prof. Dr. Younes Rezaee Danesh (Iran)
- Prof. Dr. Okigbo, Raphael (Nigeria)
- Dr. Somlit Vilavong (Laos)
- Dr. Hoang Pham (Vietnam)
- Dr. Jiaojiao Song (China)
- Chen Yi Sung (Taiwan)
- Maxim Mitrokhin (Russia)

Thrust areas of focus in the Conference:

- Agricultural extension, education and development
- Animal, Fisheries Sciences and Entomology (Marine biotechnology)
- Biological Diversity and Microbiology
- Food Security, food Safety, Science and Postharvest Technology
- Plant and pest management
- Soil and Environment, Water conservation
- Innovation technology for microbe in agriculture and sustainable development
- Organic Agriculture and Smart Farms

Call for abstracts for oral/poster presentation

The organizing committee cordially invite you to submit the abstract of your paper. The submission form and abstract (300 words) of A4 form are available for downloading at www.aatsea.org. Academics, researchers, scientists and all those involved, in one way or another, in various topics shall submit abstracts and full manuscripts through online submission (www.aatsea.org). Full manuscript must follow the instructions to authors and it shall undergo peer review process before finally accepted for publication in **International Journal of Agricultural Technology (IJAT)**. Please note that IJAT is indexed in SJR-Scopus indexed journal, Q4.

Registration fee All the participants must be online registered through www.aatsea.org

| Participants | Early registration not later than 15 August 2023 (USD/person) | Registration on desk 10 December 2023 (USD/person) | Bank Name: Bangkok Bank Co.Ltd., Thailand Address: 999 Tambol Bangpree Yai, Amphur Bangpree, Samutprakarn province 10540, Thailand Swift Code: BKKBTHBK Account Name: AATSEA Savings Account No: 862-013355-6 |
|---------------------|---|--|---|
| Oversea participant | 150 | 200 | |

India participant payment

Students/research scholars : Rs. 750/-

Academicians /scientists/industrialists : Rs. 1000/-

**Name : Dean (Publications & Conferences),
Sathyabama Institute of Science & Technology,
Account Number : 891734627,
Name of the Bank: Indian Bank,
Branch: Thousand Lights Branch, Chennai 06,
IFSC CODE : IDIB000T020,
SWIFT CODE : IDIBINBTLT**

There are two categories for awarding as follows:-

(1) AATSEA Outstanding Leader Award 2023

AATSEA Outstanding Leader Award 2023 will be offered in country which 6 criteria as follows:-

(1) Education and Research, (2) Community Development, (3) Business and Entrepreneurship, (4) Policy Making and Governance and (5) Farming and Production, (6) Special Community Service.

Criteria for selection

1. Education and Research

- Member of academe or any research institution,
- Has published relevant researches related to agriculture in local and international journals,
- His/her research outputs had been adapted by local farmers,
- Actively participates in conferences/seminars to disseminate research findings

2. Community Development

- Helps community to establish cooperatives,
- Has organized and conducted seminars/trainings related to agriculture with emphasis on organic farming,
- Performs extension services to local farmers.

3. Business and Entrepreneurship

- Helps farmers/community to sell their products at a competitive price,
- Helps open market routes to farmers.

4. Policy Making and Governance

- Government officer,
- Proponent of laws/directives that promotes organic agriculture,
- His proposed policies had been adapted and benefited farmers.

5. Farming and Production

- Currently engaged in actual farming and production of crops/livestock,
- Practices and promotes organic agriculture,
- Extends training/extension work to fellow farmers and other clientele.

6. Special Community Service

- Sacrifice the experienced work in dynamic fields of agriculture, health (planery, regional, national, community, individual), food safety, food/health security, governance toward achieving sustainable development goals (SDGs).

(2) Award for emerging leaders of young generation

Criteria for selection: Emerging leaders are smart, talented, high-achievers and accomplish the great in their fields; consistently producing more and better work than their peers are subject-matter experts, leads by example, consistent to serve a purpose greater than themselves; ability foster a creative environment and foster growth in others. Award is given to young men and women who in averaged age of 40 years old who distinguished themselves of dynamic fields of health (Planery, regional, national, community, individual), food safety, food/health security, governance, and in achieving sustainable development goals (SDGs); young as they are but already influence mindsets and global occurrences.

AATSEA committees agree to offer awards to the nominees who meet our criteria in qualifications and nomination as follows:-

- Nominated by other people, - All credentials must be submitted along with the , - Must have no pending administrative or criminal case. AATSEA representative in each country will nominate the proposed awardee and be a committee for final decision with competition.
- Recommendation letters
- Submission of nominee's biodata, recent photo, photos of activities and his/her photos and the necessary documents to serve award consideration and permanent address, phone and email.
- The awardees must apply to be the honor life membership of AATSEA.
- The awardee must come to get award plaques by themselves during opening remark of the 11th ICIST2023 on 10 December 2023
- For further inquiries, please contact: ICIST secretary email: aatsea.icist@gmail.com

Schedule of activities:

| | | |
|-------------------|---|----------------------------|
| April 2023 | - | 1st Announcement |
| May 2023 | - | 2nd Announcement |
| July 2023 | - | Final Announcement |
| 15 August 2023 | - | Early registration |
| 15 August 2023 | - | Abstract submission |
| 15 September 2023 | - | Full manuscript submission |
| 9 December 2023 | - | Registration on desk |
| 10 December 2023 | - | Conference day |
| 11 December 2023 | - | Local study tour |

For further inquiries, please contact:

ICIST secretary email: aatsea.icist@gmail.com

AATSEA General Secretary: Dr. Jiaojiao Song: misssongjiaojiao@gmail.com

Dr.V.Gopikrishnan : gopikrishnan.cddd@sathyabama.ac.in, 9786374744

Dr.Manigundan : manigundan.cddd@sathyabama.ac.in, 9679589858

Hotel Reservations

All participants must be directly reserved hotel by themselves as suggestion

<https://www.booking.com/landmark/in/sathyabama-university.en-gb.html>

Conference Venue

Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu, India,

<https://www.sathyabama.ac.in/>

