

**Conference Director**

Dr. S. Arivudainambi, Director, IQAC & Professor and Head, Department of Entomology

**Conference Dy. Director**

Dr. M. Vetrivelan, Professor and Head, Department of Agricultural Extension

**Conference convenors**

Dr. S. Rameshkumar, Dy. Director, IQAC and Professor of Horticulture

Dr. T. Selvamuthukumar, Dy. Director, IQAC and Associate Professor, Department of Entomology

**Conference Co- convenors**

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Dr. V. Guhan, State Advisor, AIASA, Tamil Nadu

**Organising Secretaries**

Dr. D. Vengatesan, Associate Professor, Department of Agricultural Extension

Dr. M. Kavaskar, Associate Professor, Department of Agricultural Extension

**Student Organising Secretaries**

Mr. D. Balu, Ph.D. Scholar, (State Secretary-AIASA, Tamil Nadu)

Mr. D. S. Manojkumar, PG Scholar

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Dr. R. Kanagarajan, Associate Professor  
Dr. S. Srinivasan, Associate Professor  
Dr. R. John Christy, Associate professor  
Dr. R. Jeya, Associate professor  
Dr. C. T. Sathappan, Associate professor  
Dr. T. Sabesan, Associate Professor  
Dr. T. Raj Pravin, Associate professor  
Dr. M. Venkatesan, Associate professor  
Dr. P. Ramesh, Assistant Professor  
Dr. V. Balamurugan, Assistant Professor  
Dr. V. Kalirajan, Assistant Professor  
Dr. K. Arivukkarasu, Assistant Professor

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Dr. S. Vennila, Assistant Professor  
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Dr. A. Kamaraj, Assistant Professor  
Dr. T. Nalini, Assistant Professor  
Dr. T. Suthin Raj, Assistant Professor  
Dr. V. Jaiganesh, Assistant Professor  
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Dr. P. Sivasakthivelan, Assistant Professor  
Dr. R. Selvakumar, Assistant Professor

**Dy. Organising Secretaries**

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Mr. M. Sriram, IV B.Sc. (Agri)  
Ms. S. Kamali III B.Sc. (Agri)

**Contact address**

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**Mr. D. Balu,**

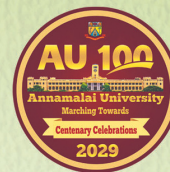
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**ANNAMALAI UNIVERSITY**



**INTERNATIONAL CONFERENCE**

**ON**

**Changing Perspectives in Agricultural and Horticultural  
Research for Sustainable Development**

**(Hybrid Mode)**

**in Collaboration with**

**IQAC, ANNAMALAI UNIVERSITY**

**(Accredited with 'A' Grade by NAAC)**

**&**

**FACULTY OF AGRICULTURE**

**(Accredited by ICAR)**

**ALL INDIA AGRICULTURAL STUDENTS ASSOCIATION**

**(AIASA -TAMIL NADU)**

**9th October -2021**



## About the University

In the early 1920s Rajah Sir S. R. M. Annamalai Chettiar founded Sri Minakshi college, Sri Minakshi Tamil College and Sri Minakshi Sanskrit College at Chidambaram. In 1928, Rajah Sir S. R. M. Annamalai Chettiar agreed with the local Government to handover the above said institution for establishing a University. Thus, on 01.01.1929 Annamalai University was established as per Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929).

One of the most significant developments is the enactment of the Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013), which has come into force from September 25, 2013. Annamalai University is accredited with 'A' Grade by NAAC in 2014. "The NIRF-2018" by the Ministry of Human Resource Development (MHRD) has ranked the University in the band 101 – 150 in the overall category as well as the University Category. In the Pharmacy Category the ranking is 20th in India. In the Medical Category the ranking is 24th. "The Times Higher

Education World University Ranking – 2019" has ranked Annamalai University in 1000+ for Overall category. In the Subject category Ranking, 2019, the University is ranked in the band of 501-600 for Life Sciences and Pre-clinical, clinical & Health Subjects. 800+ in the Physical Sciences subject. "The QS World University Ranking – 2019" has ranked Annamalai University in the band of 291 – 300 in Asia Ranking, 174 in the BRICS Ranking and 43 in India Ranking. "The CWTS Leiden Ranking 2018", on scientific impact of universities and on universities' involvement in scientific collaboration & scientific performance, has ranked the University at 20th based on the number of publications and 4th based on the proportion of publications that, compared with other publications in the same field and in the same year, belong to the top 10% most frequently cited. "The MDRA - India Today Ranking" (2018) has ranked Annamalai University 13th among the best Government Universities in India. Among the top 197 ranked institutions for Higher Education in India the "SCImago Institutional Ranking (2018)" has ranked Annamalai University as 7th in Tamil Nadu and 32nd in India.

Annamalai University is one of the largest unitary, teaching, and residential Universities in Southern Asia comprising of 10 Faculties and 49 departments of study. This University has played a pivotal role in providing access to higher education to thousands of youth cutting across the social spectrum, especially from economically and socially disadvantaged classes. In this respect, this University's service to the nation is tremendous.

## About AIASA

AIASA is a professional organization of present and former students in the field of Agriculture, Veterinary, Dairy, Horticulture, Fisheries, Forestry, Home Science, Sericulture, ABM and other allied sciences, registered under Societies Registration Act 1860. The Association was formally launched on 10th May, 2011 by the then Hon'ble Union Minister of State for Agriculture during the All India Convention on Agricultural Administrative Reforms and the website was launched by the Hon'ble Union Minister of Agriculture on the occasion of 87th ICAR Foundation Day on 25th-26th July, 2015 at Patna, Bihar. The Society was registered on 1st Dec. 2011 under the Societies Registration Act 1860, with the approval of Ministry of Agriculture, ICAR and Ministry of Consumer Affairs with all India jurisdictions. Down the course of time, the drift between the technical work force and bureaucracy has increased abysmally harming the cause of farming sector and farmers at the national and state level. Policy making in agriculture has been largely limited to subsidies and loan disbursement, with negligible component of science in it. AIASA envisions a common platform wherein farm technocrats and bureaucrats will work together for the Indian agriculture with a "right person at right place" mode, to promote improved application of science which is often neglected in this sector. AIASA empowers and motivates youth to view agriculture as an equivalent career opportunity and thereby promoting knowledge transfer and agripreneurship in the country with the help of self driven and directed agrarian policy to the work force.

## About the Faculty

The Faculty of Agriculture was started in the year 1958. The Faculty comprises nine departments and one division. The unique feature of this faculty is that it offers B.Sc.Hons.(Ag.) and B.Sc.Hons.(Horti.) programmes as under graduate courses, wherein all the nine departments and one division join hands and share the credit loads of the programmes as outlined by ICAR (Indian Council of Agricultural Research). Besides these two under graduate programmes, that are common for the faculty, individual departments offer post-graduate and Ph.D. programmes independently. The research grants obtained by the faculty from UGC, DST, DBT, ICAR, NMPB, Ministry of coal, Environment and Forest and Water Resources etc., and budgetary provision from the university have added to an excellent infrastructural setup that facilitates cutting edge research in agriculture and horticulture. Teaching, Research and Extension activities, the three vital components for any agricultural institution, add significant value to the Faculty of Agriculture. The Faculty of Agriculture carries out extension activities like Agripreneurship Development Programme, Sustainable Livelihood Projects for Tsunami affected people and Training Farmers in Integrated Farming.

## About the Conference

Agriculture contribute to improvement of living standards of the poorest, in an economically, socially and environmentally sustainable manner. Increased pressure on resources, because of population explosion make agriculture a more challenging avenue than ever. Although much progress has been made in reducing hunger and poverty and improving food security and nutrition. The decades to come will make these a herculean task to achieve. In this context, this international conference visualizes to mobilize concrete and concerted action towards realizing these global agendas. It contributes to a common understanding of the major long-term trends that will determine the future of food security, rural poverty, the efficiency of food systems and the sustainability and resilience of rural livelihoods.

## Focal themes

- ♦ Advances in Sustainable Agricultural Production Systems
- ♦ Advances in Sustainable Horticultural Technologies
- ♦ Advances in Pest and Disease Forecasting and Sustainable Management Systems
- ♦ Innovative Extension Approaches and Agri Business Avenues for Sustainable Agricultural Development

## Call for Papers

Invited lecture on the focal themes by lead scientist have been planned in addition to the contributing papers for presentation in different sessions. Participants should send the abstract (not exceeding 300 words) and full paper should be prepared in MS word, Times New Roman, 12 font and single space leaving 1" margin on the all sides. The full paper consisting of title of the paper, authors, affiliation, keywords, introduction, materials and methods, results and discussion, conclusion and references. The abstract and full paper should be submitted in the given google form. Selected papers in the conference will be published as edited book with ISBN.

Registration cum Abstract Submission Form:

**CLICK**

Full Paper Submission Form:

**CLICK HERE**

**Last date for registration and submission of abstracts & full papers: 05.10.2021**

Registration fees: Free

**Who can participate?**

The conference is designed for young researchers from various Agricultural Universities. All final B.Sc. (Ag./Horti.) M.Sc. & Ph.D. Scholars, Junior Research Fellows, Senior Research Fellows, Post Doctoral Fellows, Research Associates and Teaching Assistants of any nationality are invited to attend.

**Awards: Prizes will be awarded for the best oral presentations.**

## ORGANISING COMMITTEE

**Chief Patrons**

**Vice - Chancellor Convener Committee  
Convener**

**Dr. D. KARTHIKEYAN, IAS**

The Principal Secretary to Government,  
Higher Education Department, Secretariat, Chennai 600 009.

**Members**

**Dr. M. SRINIVASAN**

Dean, Faculty of Marine Sciences,  
Syndicate Member, Annamalai University

**Dr. BALAJI SWAMINATHAN**

Professor t& Head,  
Department of ENT, Rajah Muthiah Medical College & Hospital,  
Syndicate Member, Annamalai University

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**Dr. R. GNANADEVAN**

Registrar, Annamalai University

**Chairman**

**Dr. M. GANAPATHY**

Dean, Faculty of Agriculture  
Annamalai University

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**Dr. SAHADEVA SINGH**

Chief Policy Advisor,AIASA  
Former Deputy Commissioner and Head Policy  
Planning Commission, Government of India