

International Conference on Recent Trends in Transforming Global Production Systems: Cutting-Edge Technologies in Penta 'F' Food, Fibre, Feed, Fuel and Fertilizers

Jointly Organized by



PG & Research Department of Botany
Thiagarajar College,
Madurai - 09, Tamil Nadu, India.
<https://tcarts.in/>



Western Ghat Researcher
Association of Agricultural Sciences
and Technology
(Registered under Section 8 Organisation,
Ministry of Corporate Affairs, Govt. of India)



Agri Amigos Pvt. Ltd.,
Theni, Tamil Nadu
Regd. in Ministry of Corporate Affairs.,
Regd. in MSME., Govt. of India
www.agriamigos.com

**Venue: Thiagarajar College, Madurai,
Tamil Nadu, India.**

Date: 18th & 19th December, 2025

Scan QR for
Registration



**Registration Closed on
15.11.2025
www.agritechnova.com**

In Coordination With

Technical Knowledge Partners



RESEARCH EXTENSION CENTRE
(CSRTI, Mysore), Central Silk Board,
Ministry of Textiles, Govt. of India
Samayanallur, Madurai, Tamil Nadu.



METVSO Research
Foundation
Madurai, Tamil Nadu



Genome India
International



PROSPER
Foundation
Theni, Tamil Nadu



All India Agricultural
Students Association
AIASA TAMIL NADU



EDII- Periyakulam Horti
Business Incubation Forum,
HC & RI, TNAU, Periyakulam,
Theni Dt., Tamil Nadu



Agri Gate
Magazine
Jabalpur,
Madhya Pradesh



CREA
Foundation,
Trichy,
Tamil Nadu



VAPS Nodal Training
Institute, Madurai,
Tamil Nadu



Dhakshan
Bioscience
Salem Dt.,
Tamil Nadu,

Incubation Partner

Media Partner

Industry Knowledge Partners

**Thiagarajar College
Madurai - 09,
Tamil Nadu, India.**

**Western Ghat Researcher Association of
Agricultural Sciences and Technology
(Registered under Section 8 Organisation
Ministry of Corporate Affairs, Govt. of India)**

For Communication

9361885985

9842642848

9003773907

8610561280

AGRI TECHNOVA 2025 International Conference- Preamble

An era marked as focusing global imperatives—ranging from climate change and biodiversity loss to mounting pressure on resources and an impending food-security crisis the International Conference on Transforming Global Production Systems brings together thought leaders and innovators across the spectrum of food, fibre, feed, fuel and fertilizer production. The conference is designed to act as a platform for showcasing how emerging and frontier technologies—such as precision agriculture, synthetic biology, advanced materials, digital automation (AI/IoT), and bio-based circular economy innovations—can fundamentally reshape the global production systems.

Western Ghat Researcher Association of Agricultural Sciences and Technology



Western Ghat Researcher Association of Agricultural Sciences and Technology – RAAST India (Registered under Section 8 Organization, Ministry of Corporate Affairs, Govt. of India) is governed by renowned academicians and industrialists. They have done various research and social activities with support of PROSPER Foundation, Theni, Tamil Nadu for the last 20 years. It is worthful to mention that RAAST is established to create Industry – Academic Connect Forum in Educational Institutions for enriching knowledge of the students as well as faculty members. In addition to that we are collaborating and recognizing the performance of young innovators and senior scientists for the purpose of updating their knowledge in the field of interdisciplinary domains. We would like to bring you that our Association is registered as a Section 8 Organisation under Ministry of Corporate Affairs, Govt. of India with CIN No: U72100TN2024NPL173128 and Section 8 License No. 160069. Our NITI Aayog Unique ID: TN/2024/0446919 and Registered under Ministry of MSME, Govt. of India. Our MSME Registration No: TN-23-0046226.

Thiagarajar College, Madurai - 09, Tamil Nadu, India

Thiagarajar College founded on 7th July 1949, was formally inaugurated on 12th October 1949 by His Excellency, the King of Bhavnagar, then Governor of the Madras State. In the inaugural function, the founder, Karumuttu Thiagarajan Chettiar, described this college as a “Small and Humble Endeavour in Education”. From its inception, the college remains one of the premier institutions in Madurai. The college was started with only three undergraduate courses but now has grown in its stature with 31 UG, 13 PG, 11 M.Phil. and 10 Ph.D., Programmes in addition to Thirteen Diploma and Sixteen Certificate courses. The college is a private and aided co-educational institution affiliated to Madurai Kamaraj University. It is meticulously managed by Kalaithanthai Karumuttu Thiagarajan Chettiar Memorial Trust. The motto of the college is “Wisdom and Love embody the Divine”. The Institution was upgraded as an autonomous institution in 1987. It was first accredited with Five Stars by National Assessment and Accreditation Council (NAAC) in 2001 and was re-accredited with ‘A’ Grade in 2007 and 2013. Most recently, in 2021, the Institution was awarded an ‘A++’ Grade in the fourth cycle by NAAC. Our college has scored 20th rank in NIRF 2025.



The Department of Botany was incepted in 1965 by introducing B.Sc. Botany and during 1979, M.Sc., Botany course was started. The Department was conferred as Research Centre in 1984 and since 1985 M.Phil. And Ph.D., programmes have been offered in the various fields of basic and applied plant biology. Till date, 38 researchers got awarded with Ph.D., degree and 24 research scholars are pursuing doctoral programme currently. In due course, various infrastructure facilities viz., botanical garden, microbiology lab, plant tissue culture lab, herbarium unit, mushroom house, vermicomposting yard, Traditional Rice varieties consortium, microbial treatment of College STP to recycle the waste water, terrace garden and Honey bee keeping, our department has signed various MoUs with institutions, NGOs and Companies with necessary modern instrumentation facilities have been developed for the purpose of teaching-learning and research. Students are trained with rich learning experience by exposing them with hands-on training, offered with high standard practical knowledge. The faculty members of botany are undertaking research and extension activities in the diversified fields of Botany: Plant Systematics, Biodiversity & Conservation, Phytogeography, Medicinal Plants & Immunology, Plant Nutrition, Forest Nursery Technology, Phyto-Chemistry, Plant Pathology, Plant-Microbe Interaction, Plant-Bird Interaction, Plant Tissue Culture, Nano Biotechnology, Solid and Liquid Waste Management. Department of Botany has good citation records (1052), as on July, 2025 on its peer-review publications of national and international level, authored by members of Botany Faculty.

The Institutional Innovation Council (TC-IIC) at Thiagarajar College foster entrepreneurship through various activities including workshops on design thinking, intellectual property (IP) management, and business plan development, as well as organizing competitions like startup pitch events and hackathons. These bodies provide support for translating student ideas into viable startups by connecting them with mentors and industry experts, facilitating submission of innovations to the YUKTI-National Innovation Repository (NIR), and nurturing startups through incubators. In general TC institutions aim to create a vibrant innovation and entrepreneurship ecosystem by fostering a culture of creativity, problem-solving, and ethical entrepreneurship among students and faculty through a combination of systematic programs and practical engagement. The Institutional Innovation Council (TC-IIC) of Thiagarajar College has achieved a 2-star rating from the Ministry of Higher Education's for its performance during the 2023-24 academic year. This recognition highlights TC's commitment to fostering innovation and entrepreneurship through various initiatives and activities.

Research Extension Centre (CSRTI, Mysore), Central Silk Board, Ministry of Textiles, Govt. of India. Samayanallur, Madurai, Tamil Nadu, India



Research Extension Centre, Samayanallur of Central Sericultural Research & Training Institute, Mysuru under the Central Silk Board, Ministry of Textiles, Govt. of India established in the year 1982 & functioning in its own campus with demonstration mulberry garden, silkworm rearing and training facilities. This centre is catering the technical & extension needs & services to sericulture farmers covering 17 districts in central & southern Tamil Nadu for the past 40 years. Imparting training, demonstration of technologies, forewarning of pest & disease control measures in mulberry silkworm crop, bridging of lab to land yield gaps results for the cost effective quality linked productivity improvements for maximum profit earnings to sericulture farmers thro' periodical field extension works are the major mandate of the centre in association with Department of Sericulture in the state. Coordination of all technical activities for the overall development sericulture in the operational areas to the DoS., and function as liaison unit with the state (DoS.,) & central governments (CSB).

METVSO Research Foundation, Madurai, Tamil Nadu, India



METVSO the Mantra for successful Bivoltine Sericulture carries all the factors contributing for the success to farmers, popularized in the field in a systematic way since 01.01.2018 rendering relentless service with a determination to double the income to farmers and for the sustainable development of Bivoltine Silk Industry in Tamil Nadu with pursuit of quality and technical ability acquired during >35 years in the field of sericulture. As a registered NGO the METVSO Research Foundation with the objectives of undertake research works for the economic prosperity and welfare of mulberry sericulture farmers, agriculture field soil health preservation, water management, ecofriendly environment (Ecosystem) maintenance, integrated methods for mulberry crop protection and maintenance, improved latest technologies in mulberry cultivation for quality leaves production, recycle of biomass, improved latest technologies in bivoltine silkworm cocoon crop for production of quality silk cocoons for international standard quality raw silk production, modern and simple mechanization in mulberry cultivation and silkworm cocoon crop, on & off land research works from soil to silk production, agro-forestry, ecosystem maintenance and improvements, mulberry and bivoltine silkworm rearing related suggestions, awareness programmes and training, establishment of demonstration / production units and functioning, arrangements of implements, tools and other goods from outside and involve in production and sales thereof, extension of supports to mulberry bivoltine sericulture farmers for their welfare and health issues through relevant suggestions, awareness programmes/camps & guidance, arrange/design/development & production and commercialization of modern simple efficient devices, tools, implements & E3 (Efficient economic ecofriendly) machines for use in mulberry crop protection, maintenance and bivoltine sericulture for cost reduction. Promote entrepreneurs to take up different activities, Socio-economic development activities involving youths in rural villages, students, scholars covering school, colleges, universities of educational institutions. Facilitate quality accreditation for production units involve in various activities in bivoltine sericulture activities and become member of different organizations of National & International levels involve in activities related to the functions of the METVSO Research Foundation and participation in National & International Seminars, Workshops, Conference and Congress etc., All functions of the METVSO Research [Foundation on No loss & No profit basis and with service motive for the development of Silk Industry and create remunerative employment opportunities for rural youths and to increase income to sericulturfarmers for improvement of their livelihoods.

Genome India International



Historically, Indians have been recognized worldwide for their pioneering and spectacular contributions in all facets of life science. In the post-Mendelian era, Indian scientists have made substantial contributions to all areas of genome science. Working at home and abroad, Indian scientists are actively participating in the global efforts towards the evolution and the progress of this multifaceted subject. However, it is high time for all Indians of the present and future generation devoted to genome science to come over a single platform, know each other personally and professionally, and help each other grow tall among the world community. And with this vision, Genome India International (GII) was established on January 1, 2005. GII has about 1000 active members and advised by a number of legendary Indian and Non-Resident Indian scientists.

Our salient objectives include providing an interacting platform and links to useful resources; highlighting contributions of outstanding scientists as 'role models'; publishing a quality journal; establish an autonomous center on Indian soil for teaching, research and training; fostering bilateral and multinational collaborative endeavors involving India; and act as a converging point for academia, private entrepreneurs, media and national and international funding agencies involved directly or indirectly in genome science.

Agri Amigos Private Limited, Theni, Tamil Nadu, India



Agri Amigos Private Limited registered at Coimbatore, Tamil Nadu, India in 2019 as Farm Development and Agri Business organisation, CIN No. U01100TZ2019PTC033190. The organisation is run by experienced Agricultural Doctoral & Agri Industrial Professionals having 20+ years of experience in Agriculture and Horticulture areas like Organic farming, Integrated Farming System, Agri Inputs production and supply (Organic and bio products), Soil nutrient studies, Agri machinery & equipment supply, Smart farming technology solutions, Agricultural produces exports and Farmer Producer company consultancy services. Agri Amigos has been interested on work with leading National and International Research Institutes and Organizations, Animal Husbandry, Agriculture and allied sector Incubation centers, Organic Certification agencies, Agricultural Students Network, Farmer Networks across India, Government Nodal agencies and Farm Laborer networks. Agri Amigos Pvt. Ltd is registered incubatee of Madurai Agri Business Incubation Forum (MABIF), EDII-Periyakulam Horti Business Incubation Forum (EDII-PHBIF) and EDII-Killikulam Agri Business Incubation Forum (EDII-KABIF).

PROSPER Foundation, Theni, Tamil Nadu, India



PROSPER FOUNDATION, a professional rural and agricultural development organization, was initiated on January 15, 2008. Earlier PROSPER FOUNDATION was function in the name of Student Serving Society and conducted many Educational and Career Guidance Programme in Schools and Colleges of Tamil Nadu. PROSPER FOUNDATION registered as Public Charitable Trust on 2021, Registration No. R/TN/4/105/2021. It unites enthusiastic, motivated, inspirational personalities to the rural and agricultural development sector. Now PROSPER FOUNDATION concentrate collaborative work of training and research work with Academic Institutions, State, National and International organizations on specialization of Agriculture, Horticulture, Sericulture, Rural Development, Environment Management, Climate Change Studies, Forest and Wild life Conservation.



All India Agricultural Students Association, AIASA Tamil Nadu, India

All India Agricultural students Association (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. AIASA envisions a common platform where Agriculturists/technocrats and Bureaucrats will work together for the Indian agriculture with a "right person at right place" mode, to promote more application of science which is often left back.



EDII - Periyakulam Horti Business Incubation Forum, HC & RI, TNAU, Periyakulam, Tamil Nadu, India

EDII - PHBIF is a Registered SECTION 8 company under The Companies Act 2013, funded by Entrepreneurship Development and Innovation Institute (EDII) and supported by Horticultural College & Research Institute, Periyakulam a constituent college of TNAU. EDII-PHBIF will provide the ecosystem critical to enabling the sustainable take-off and growth of Horti-Business startups and SMEs. Anchored on the strength of both EDII-TN and TNAU EDII-PHBIF takes leadership in the commercialization of available Horti-business providing strong business mentorship to SMEs, linking small holders to markets, strengthening the supply chain and delivering quality business development services to SMEs and producers alike. It also goes beyond business training to provide key mentorship and client-tailored support to high potential entrepreneurs and farmer cluster enterprises.



AGRIGATE Magazine Jabalpur, Madhya Pradesh, India

AgriGate is an international peer-reviewed multidisciplinary open access e-magazine to foster the recent extensive investigation in the field of agriculture and allied science published on a monthly basis. Main concept behind the e-magazine is to provide a publishing platform to young researchers and scientists as well as an information hub for enthusiast, progressive farmer and also common readers. The magazine will uphold its credibility and all the articles will be checked by subject matter specialist editors ranging from Research scholars to principal scientists of various research institutions as well as the professors from different universities. We aim at delivering the fruitful content to the hungry minds.

CREA Foundation, Trichy, Tamil Nadu, India



Centre for Research in Environment and Agriculture, CREA Foundation, Trichy, Tamil Nadu is functioning in the spheres of Rural development and Farm Technology transfer for more than 12 years. 'CREA' comprises team of technically high calibre Experts with Integrated quality Standards serves Farming community, Rural Women, Farmer Producer Organizations' (FPOs), Progressive farmers, Agricultural Officers and Farm graduates.

'CREA' offers professional Services in the streams of Hands on Training, Consultancy, Students Internships and Advisory Services.

The major activities include capacity strengthening and upskilling in Sustainable farming, Market linkages, Agro Entrepreneurial and Climate Smart Agriculture (CSA) domains. Further, 'CREA' Foundation is also indulging in scientific Research validation & documentation of Natural Resource Management, Gender mainstreaming and cutting-edge technologies viz., Drones in farming, Digital gadgets for new age farming etc.,



VAPS, Madurai, Tamil Nadu, India

Voluntary Association for People Service- VAPS, a non-governmental organisation, has been rendering yeoman services since 1999 functioning in Tamil Nadu, India. Now VAPS function as Nodal Training Institute for Agri Clinics and Agri Business Centres, MANAGE, Govt. of India. VAPS core objectives are to concentrate on providing training, capacity building, skill and entrepreneurship development, child and youth development, women development and care for elderly persons. VAPS has committed to enable the needy, facilitating them for their self-reliance and closely working with various stakeholders including government department and NGOs.



Dhakshan Bioscience, Salem Dt., Tamil Nadu, India.

Dhakshan Bioscience (DBS) is one of the Startup Company registered in the year of 2019 with Agricultural related business, Research and Development firm towards sustainable agriculture. Located at Eachampatti village, Rasipuram Main road, Attur - Salem District of Tamil Nadu, Southern part of India. The Nature of the business involving Mass multiplication of disease free tissue culture banana seedlings, ornamental crops, Farm advisory service, farmers training program, Promotion of organic Agriculture, Collection of images and ground truth data, Testing and validation of Artificial intelligent (AI) technology app for Crop Pest and Disease detection, Supply of Bio inputs and microbial based management of pest and disease. Research and development service.

AGRI TECHNOVA 2025

International Conference on Recent Trends in Transforming Global Production Systems:
Cutting-Edge Technologies in Penta 'F' Food, Fibre, Feed, Fuel and Fertilizers

Chief Patrons

Dr. Mrs. Uma Kannan
The President,
Thiagarajar College, Madurai.

Mr. Hari Thiagarajan
The Secretary
Thiagarajar College, Madurai.

Patrons

Acharya Prof. Dr. Chittaranjan Kole
President, Genome India International.
President, International Climate Resilient Crop Genomics Consortium.
President, International Phytomedicines and Nutriomics Consortium.
Former Vice Chancellor, Bidhan Chandra Krishi Viswavidyalaya,
Mohanpur, Nadia, West Bengal.

Dr. S. Rajaram, ISEEF
Director,
METVSO Research Foundation,
Madurai, TamilNadu
(Former Senior Scientist,
Central Silk Board,
Ministry of Textiles, Govt. of India)

Chairman

Dr. D. Pandiaraja
The Principal,
Thiagarajar College,
Madurai, Tamil Nadu.

Co -Chairman
Prof. Dr. A. Pal Pandi
National Secretary, RAAST India
Former Principal & Research Head
Bharath Niketan Engineering College,
Theni Dt., Tamil Nadu

Technical Convenors

Dr. A. Mahima Santhi
Senior Scientist / Joint Director
Research Extension Centre,
Central Silk Board,
Ministry of Textiles, Govt. of India
Madurai, Tamil Nadu.

Dr. E. Mohan
Associate Professor and Head (i/c)
PG & Research Department of Botany,
Thiagarajar College,
Madurai, Tamil Nadu.

Dr. K. Venkatesan
Associate Professor and Head,
Department of Home Science,
Indira Gandhi National Tribal University,
Amarkantak Dt., Madhya Pradesh.

Dr. A. Kannan
Associate Dean (Administration)
Saveetha School of Law,
Chennai.,Tamil Nadu.

Organising Secretaries

Dr. M. Viji
Assistant Professor
PG& Research Department of Botany
Thiagarajar College,
Madurai, Tamil Nadu, India.

Dr. M. Daniel Jebaraj
National President, RAAST India
Managing Director, Agri Amigos Pvt. Ltd.,
Professor of Practice,
TNAU, Coimbatore, Tamil Nadu, India.

Core Committee Members

Dr. R. Sayee Kannan
Associate Professor and Head (i/c)
Department of Chemistry
TC-IIC Coordinator
Thiagarajar College, Madurai, Tamil Nadu.

Dr. S. Padmavathi
Associate Professor and Head (i/c)
Department of Microbiology
Thiagarajar College, Madurai, Tamil Nadu.

Dr. K. Renuga Devi
Assistant Professor and Head (i/c)
Department of Biotechnology
Thiagarajar College, Madurai, Tamil Nadu.

Dr. V. Karthikeyan
Assitant Professor (Botany)
Thiagarajar College,
Madurai, Tamil Nadu.

Dr. B. Sadhana
Assitant Professor (Botany)
Thiagarajar College,
Madurai, Tamil Nadu.

Dr. S. Udhayakumar
Head,
Dept. of English and Comparative Literature
School of English and Foreign Languages
Madurai Kamaraj University, Madurai , TN.

Dr. V. Shanmugaiah
Assistant Professor,
Dept. of Microbial Technology,
School of Biological Sciences,
Madurai Kamaraj University, Madurai , TN.

Dr. V. Umadevi
Assistant Professor,
PG & Research Dept of Computer Science,
Nehru Memorial College (Autonomous)
Puthanampatti, Trichy Dt., Tamil Nadu.

Dr. S. Elayabalan
Associate Professor (Agri Biotechnology)
MIT College of Agriculture and Technology,
Musiri, Trichy Dt., Tamil Nadu.

Dr. R. Nageswari
Associate Professor (Agronomy),
ICAR – KVK,
Tamil Nadu Agricultural University,
Sirugamani, Trichy Dt., Tamil Nadu.

Dr. G. Sathish
Associate Professor (Hort.),
Horticultural College & Research Institute,
TNAU, Periyakulam, Theni Dt., TN

Dr. M. Paramasivan
Associate Professor (Plant Pathology),
Agricultural Research Station,
TNAU, Vridhachalam, Cuddalore Dt., TN

Dr. S. Ramasamy,
Associate Professor(Biochemistry)
School of Biological Sciences,
Madurai Kamaraj University, Madurai , TN.

Dr. N. Aananthi
Associate Professor (PBG)
Agricultural College and Research Institute,
TNAU, Madurai, Tamil Nadu

Dr. K. Kalpana
Associate Professor & Head (Plant Pathology),
Department of Plant Protection
Horticultural College & Research Institute, TNAU,
Periyakulam, Theni Dt., Tamil Nadu.

Dr. S. Susikaran
Assistant Professor (Sericulture)
Directorate of Open Distance Learning
TNAU, Coimbatore, Tamil Nadu.

Dr. S. Rani
Assistant Professor (Agronomy), ,
AC & RI,
TNAU, Madurai, TN

Mr. S. Vasanthan
Chief Executive Officer
EDII Periyakulam Horti Business Incubation Forum
HC & RI, TNAU, Periyakulam, Theni Dt., Tamil Nadu.

Dr. J. Jayakumar
Head, Dept. of Mechanical Engineering,
Bharath Niketan Engineering College,
Theni Dt., Tamil Nadu

Dr. S. Prakash
Principal Scientist,
Plant Tissue Culture Centre,
Finura Agro Tech LLP,
Thovalai, Kanyakumari Dt., TN

Dr. T. Govindan
Associate Professor (Botany)
Govt. Arts College, B-Mutlur,
Chidambaram, Cuddalore Dt., TN

Mr. S. A. Arul
Secretary, VAPS,
VAPS Nodal Training Institute,
Madurai, Tamil Nadu

Mr. M. Joshuah
Director,
Agri Amigos Private Limited,
Theni, Tamil Nadu.

Dr. D. Gopi
Associate Professor,
Dept. of Mechanical Engineering, RCET,
Kanyakumari, TN

Dr. S. Ayyanar
Associate Professor(Agri Engineering),
Sethu Institute of Technology,
Virudhunagar Dt., Tamil Nadu

Mr. S.K. Mohamed Yaseen
State President, AIASA, Tamil Nadu,
Dept. of Plant Breeding and Genetics,
TNAU, Coimbatore, Tamil Nadu.

Dr. R. Vinoth
National Secretary (GC), AIASA, New Delhi,
Faculty (PBG), Institute of Agriculture, TNAU,
Kumalur, Trichy Dt., Tamil Nadu.

Organizing Committee Members

PG & Research Department of Botany, Thiagarajar College

Dr. K. Jegatheesan
Associate Professor
Dr. M. Rama Prabha
Assistant Professor
Dr. K. Saraswathi
Assistant Professor
Dr. K. Sathiyadash
Assistant Professor

Dr. R. Aruna
Assistant Professor
Dr. T. M. Jothimani
Assistant Professor
Dr. K. Murugesan
Assistant Professor
Dr. J. Arulraj
Assistant Professor

AGRI TECHNOVA 2025

International Technical Advisory Committee Members

[Dr. Priyadarshi Soumyaranjan Sahu,](#)

Professor, Medical University of the Americas, Nevis, West Indies

[Mr. Ranjith Narayanasamy,](#)

President and CEO, Petroleum Technology Research Centre, Canada

[Dr. R. Prabu,](#)

Researcher, Conservation Biology, Biological Science Division, University of Auckland, City Campus, New Zealand

[Dr. Ramakrishna Rao Muthyala,](#)

Author & Researcher, Melbourne, Victoria, Australia.

[Dr. Senthilraja Chinnaiah,](#)

Post Doctoral Research Associate, Texas A&M Agri Life Research, Texas, USA

[Dr. S. Srinivasan,](#)

Head of Research and Quality Assurance International Training Institute, Papua New Guinea

[Dr. Ravinder Singh,](#)

Chief Scientist, R&D Centre, Plant Tissue Culture & Hydroponics, Aakash Plantations L.L.C., Dubai, U.A.E.

[Dr. Kasi Gopinath,](#)

Post Doctoral Researcher, School of Agro-Industry, Faculty of Agro-Industry, Chiang Mai University, Chiang Mai, Thailand

[Dr. R. Prasanth,](#)

PIFI - Visiting Scientist, Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China

[Dr. C. Sakthivel,](#)

Lab of Functional Molecules and Materials, Shandong University of Technology, Shandong Province, Zibo City, China

[Dr. Mohamed Rafi,](#)

Managing Director, Jorakum Agro Farms Uganda Ltd, Kampala, Uganda

[Dr. S. Rajaram,](#)

ISEEF, Director, METVSO Research Foundation, Madurai, Tamil Nadu (Former Senior Scientist, Central Silk Board, Ministry of Textiles, Govt. of India)

National Technical Advisory Committee Members

[Dr. A. Arunachalam,](#)

Director, ICAR- Central Agro forestry Research Institute, Jhansi, Uttar Pradesh

[Dr. P. Deepa,](#)

Director, Central Sericultural Research & Training Institute, Central Silk Board, Ministry of Textiles, Govt. of India, Mysuru, Karnataka

[Dr. M. Theradimani,](#)

Dean, V.O.Chidambaran Agricultural College & Research Institute, TNAU, Killikulam, Tuticorin Dt., Tamil Nadu

[Dr. R. Jeya Shakila,](#)

Dean, Dr. M.G.R Fisheries College and Research Institute, (Tamil Nadu Dr. J. Jayalalithaa Fisheries University), Ponneri, Thiruvallur Dt., Tamil Nadu

[Prof. Dr. Nagandra Kumar Sharma,](#)

Dean, Baba Sahab Dr. BR Ambedkar College of Agricultural Engineering & Technology, Etawah, (CSA University of Agriculture & Technology, Kanpur) Uttar Pradesh

[Dr. S. Dominic Rajkumar,](#)

Principal and Secretary, St. Andrew's College, Affiliated to Deen Dayal Upadhyay Gorakhpur University, Gorakhpur, Uttar Pradesh

[Dr. Daxaben Mehta,](#)

Principal, Smt. Sadguna C.U.Shah Home Science & C.U.Shah Arts and Commerce Mahila College, Wadhwan City, Gujarat

[Dr. N. Geetha,](#)

Principal Scientist (Agri. Entomology), ICAR- Sugarcane Breeding Institute, Coimbatore, Tamil Nadu

[Dr. Birendra Kumar,](#)

Chief Scientist & Nodal, Professor, PB&G Resource Conservation Division, CSIR Central Institute of Medicinal and Aromatic Plants (CIMAP), Lucknow, Uttar Pradesh

[Dr. G. Mahadevan,](#)

Professor and Head, Dept. of Mathematics, Gandhigram Rural Institute (Deemed to be University), Ministry of Education, Govt. of India Gandhigram, Dindigul Dt., Tamil Nadu

[Dr. T. S. Harsha,](#)

Director (Research and Development Cell), Dept. of Studies and Research in Environmental Sciences, Karnataka State Open University, Mukthagangotri, Mysore, Karnataka

[Prof. Dr. Kuntal Das,](#)

Director of Research, Department of Pharmacognosy & Phytochemistry, Mallige College of Pharmacy, Silvepura, Bengaluru, Karnataka

[Dr. Kusam Arunachalam,](#)

Professor & Head, Department of Environmental Science, Doon University, Kedarpur, Dehra Dun, Uttarakhand

[Dr. K. Rajan,](#)

Principal Scientist (Soil Science), ICAR - Indian Institute of Soil and Water Conservation, Research Centre, Ballari, Karnataka

[Dr. M. Muruganandam,](#)

Fulbright Scholar, Principal Scientist (Fisheries & Aquaculture), Head, PME & KM Unit, ICAR-Indian Institute of Soil and Water Conservation (ICAR-IISWC), Dehradun, Uttarakhand

[Dr. Andivelu Ilangoan,](#)

Senior Professor and Chair, School of Chemistry, Bharathidasan University, Tiruchirapalli, Tamil Nadu

[Dr. M. David,](#)

Senior Professor, Department of Zoology, Karnatak University, Dharwad, Karnataka

[Dr. C. Kathirvelan,](#)

Professor and Head, Department of Animal Nutrition, Veterinary College and Research Institute, TANUVAS, Udumalpet, Tiruppur Dt., Tamil Nadu

[Dr. K. Sujatha,](#)

Professor and Head, Dept. of Seed Science and Technology, Agricultural College & Research Institute, Tamil Nadu Agricultural University, Madurai, Tamil Nadu

[Prof \(Dr.\) MVAN. Suryanarayana,](#)

Professor & Head, Department of Livestock Farm Complex, College of Veterinary Science, Sri Venkateswara Veterinary University, Tirupati, Andhra Pradesh

[Dr. A. Venugopal,](#)

Former Director, BasicTasar Silkworm Seed Organization, Central Silk Board, Ministry of Textiles, Govt. of India, Bilaspur, Chhattisgarh

[Prof. Ram Singh,](#)

Former Director – Human Resource Department & Head, Entomology, CCS Haryana Agricultural University, Hisar, Haryana

[Dr. K. Radhakrishnan,](#)

Former Principal Scientist, JNTBG & Research Institute, Thiruvananthapuram, Kerala & Former CEO, State Medicinal Plants Board, Kerala

[Dr. E. I. Jonathan,](#)

Former Director, CPPS, TNAU, Coimbatore & Advisor, The Indian Agriculture College, Radhapuram, Tirunelveli Dt., Tamil Nadu

[Dr. S. Jebaraj,](#)

Former Director, TRRI, TNAU, Aduthurai & Former Dean, ADAC & RI, TNAU, Trichy, Professor & Head (PBG), The Indian Agriculture College, Radhapuram, Tirunelveli Dt., Tamil Nadu

[Dr. D. Kathiresan,](#)

Former Director of Clinics & Former Director of Extension Education, TANUVAS, Chennai, Former Dean, College of Veterinary Sciences & Animal Husbandry, CAU, Aizawl, Mizoram

[Dr. C. Divakar Durairaj,](#)

Former Dean, AEC & RI, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu

[Dr. N. Murugesan,](#)

Formerly Professor & Head, Cotton Research Station, Tamil Nadu Agricultural University, Srivilliputhur, Tamil Nadu

[Dr. S. Mohan,](#)

Formerly Professor & Head, Dept. of Plant Pathology, AC & RI, TNAU, Madurai, Tamil Nadu

[Dr. M. Sankara Rama Subramaniam,](#)

Senior Manager, Exports - Agri Input Business, Agrocel Industries Pvt Ltd., Mumbai, Maharashtra

[Dr. Sahadeva Singh,](#)

Chief Policy Advisor, All India Agricultural Students Association, New Delhi

Themes of the Conference

1. Smart and Precision Food Production & Crop Improvement Technologies
2. Recent Developments in Food Crops Protection Techniques
3. Advances in Medicinal Crops Production, Pharmaceuticals and Food Safety
4. Advances in Animal Based Food Production Systems
5. Advances in Fisheries and Aquaculture Based Food Production Systems
6. Advancements in Textile Industry, Fibre Production Systems and Value Addition
7. Sustainable Cultivation Practices of Mulberry and non-mulberry Silk production & Advanced Silkworm Rearing and Disease Management
8. Post-Cocoon Technologies, Silk Quality Enhancement and Value Addition
9. Advances in Next-Gen Feed Production Systems
10. Future Fuels for a Greener Planet
11. Innovating Fertilizers for the Future
12. Ecological Perspectives and Biodiversity Conservation
13. Advanced Trends in Life Sciences Research and Development
14. IPR, Cybersecurity, ICT, Extension and Economics of 5F production systems

AGRI TECHNOVA 2025 - International Conference Registration Fees covers:

- Publication of abstract in AGRI TECHNOVA 2025 International Conference Souvenir
- Conference welcome kit with hard copy of abstract book AGRI TECHNOVA 2025
- Coupons for Lunch and sessional tea of 18.12.2025 & Lunch and sessional tea of 19.12.2025
- Registration fee for accompanying person is meant for lunch and sessional tea only
- AGRI TECHNOVA 2025 International Conference Participation Certificate

Note:

- International Conference Registration Fees is Non-Refundable / Non-Transferable.
- International Conference Registration Fees does not include accommodation charges.
- International Conference Registration Fees will be paid by Net Banking / Online Banking / Banking app.

Call for Abstracts:

- AGRI TECHNOVA 2025 International Conference Registration is mandatory for publication of abstract in Souvenir.
- Abstract Submission: Abstracts not exceeding 300 words on any of the aforesaid themes
- The official language of the AGRI TECHNOVA 2025 International Conference will be English Only.
- AGRI TECHNOVA 2025 International Conference have oral and poster presentations.
- Abstracts of both invited and offered papers will be printed and distributed to participants as AGRI TECHNOVA 2025 International Conference Souvenir.
- Intimation of acceptance of abstract submission will be confirmed by mail.
- Abstract submission strictly is advised to submit new, original and free from plagiarised content, double space, Arial narrow font, 12 in size on any theme of AGRI TECHNOVA 2025 International Conference.
- AGRI TECHNOVA 2025 International Conference Organising Committee reserve the rights to delegate mode of presentation as either Oral presentation / Poster presentation depending on the number of abstracts received and merit of the abstracts based on originality / novelty of research work on the themes of conference.
- Not more than two abstracts from each participant will be entertained.
- Abstract submission to be on or before 15.11.2025
- Communication mail id: info@agritechnova.com conference@agritechnova.com

Oral Presentation

- Oral presenters must prepare the presentation based on the template provided by the committee.
- It is available in the website or on request can be received through mail.
- The lead speaker will be given 15 minutes time (including discussion) for oral presentation.
- The speakers of contributory papers will be given 8 minutes including discussion.

Poster Presentation

- Poster Presentation allotted participants are requested to prepare their posters that should not exceed the dimension 100 cm x 75 cm (length x width) and furnished with the title, Authors' Name, Affiliation, Introduction, Methodology, Results & Discussion and Conclusion and Acknowledgement.
- Clear pictures, diagrams, graphs and short tables are highly encouraged to be used in poster presentation.

Awards for Oral and Poster Presentation

- Best Oral and Poster Presentation will be evaluated for awards in each thematic area.
- Certificate and Memento will be issued for Best Oral Presentation and Best Poster Presentation.



AGRI TECHNOVA 2025

**International Conference on Recent Trends in Transforming Global Production Systems:
Cutting-Edge Technologies in Penta 'F' Food, Fibre, Feed, Fuel and Fertilizers**

18th & 19th December 2025

**Venue: Thiagarajar College,
Madurai - 09, Tamil Nadu, India.**

International Conference - Registration Fees Details

Particulars	Registration Fees (on or before 15.11.2025)
UG & PG Students/ Ph. D Scholars/ JRF/ SRF/ Young Professionals/ Project Fellow/ RA/ TA/ PDF	Rs. 1000
Subject Matter Specialist/ Lecturers/ Faculty/ Scientist/ Professor	Rs. 2000
*Accompanying Person (Guest)	Rs. 2000
Industry Delegates	Rs. 4000

International Conference Registration Fees - Payment Remittance Account Details

Account Name	Agri Technova
Account Number	1193135000013188
Bank	Karur Vysya Bank
Branch	Theni
IFSC Code	KVBL0001193

About The Madurai City

Heritage of Madurai

Madurai is an example of cultural diversity. Owing to its glorious past, the richness of its culture is visible in everything. This includes its architectural majesty, customs and traditions, religious sanctity, magnificent art work, handicrafts, ballads, folk dances, dramas, songs, festivals and ceremonies. The city has very well blended its ancient cultural heritage, with the fast-paced technological advancements. Madurai is expanding rapidly and is one of the major commercial centres of South India. The growing number of educational institutions and industries in Madurai are live examples of its progress.

Climate of Madurai

Winters are the best time to visit Madurai. This season in the city spans from November to early February and the temperature ranges anywhere between 22°C to 27°C making it suitable for visit by travellers. Humidity in the air is reduced thus, making it easier for travellers to be able to enjoy to the fullest.

How to reach Madurai

Air

Madurai Airport (IXM) offers domestic flights to major cities in India. The airport was declared a customs airport in 2012 allowing limited number of international flights and international services to Colombo, Dubai and Singapore. The carriers operating from the airport are Air India, Air India Express, Jet Airways, SpiceJet, Indigo and Sri Lankan Airlines. Other nearest airports happen to be Tiruchirappalli, Coimbatore, Chennai, Cochin and rivandrum.

Train

Madurai Junction (MDU) is the major railway station. There are direct trains connecting Madurai with other major cities and towns across India including New Delhi, Mumbai, Calcutta, Bangalore, Hyderabad and Chennai.

Road

Madurai is well connected with the National Highways NH 7, NH 45B, NH 208 and NH 49 passing through Madurai.

Near By Tourism Destinations of Madurai



Accommodation – Hotels Near by Conference Location

S.No	Hotel Name	A/C & Non A/C	Price with Tax Rs.	Contact No
1	Hotel Rajadhane	A/C Non A/C	2700 1600	9894683336
2	Hotel Temple City	A/C Non A/C	2500 1800	9994333396
3	Hotel Grand Sabarees	A/C	2700	7092920103 8110016666
4	Hotel Sri Temple Park	A/C Non A/C	1500 1000	04522623921
5	Hotel Supreme	A/C Non A/C	2500 1800	9600399700

Academic Excellence Awards 2025

Date: 19.12.2025 (Friday)

**Venue: Thiagarajar College,
Madurai - 09, Tamil Nadu, India.**

PROSPER FOUNDATION & WESTERN GHAT RESEARCHER ASSOCIATION OF AGRICULTURAL SCIENCES AND TECHNOLOGY invite application for **TEACHING & RESEARCH EXCELLENCE AWARDS 2024** under various categories from Academicians/Scientists/Professors/Subject Matter Specialists/Researchers from all over India.

The purpose of this award is to recognize and motivate the meritorious services and activities of outstanding Academicians / Scientists / Professors/ Subject Matter Specialists / Researchers.

Registration through www.prospertheni.com

RAAST Fellowship/ RAAST Associate Fellowship/ RAAST Young Associate Fellowship Awards 2025

Registration through www.raastindia.com

Important Dates

International Conference Registration through www.agritechnova.com	Registration Closes on 15.11.2025
RAAST Fellowship/ RAAST Associate Fellowship/ RAAST Young Associate Fellowship Awards 2025 Registration through www.raastindia.com	Registration Closes on 15.11.2025
PROSPER Foundation & Western Ghat Researcher Association of Agricultural Sciences and Technology Academic Excellence Awards 2025 Registration through www.prospertheni.com	Registration Closes on 15.11.2025

For further communications and support, please contact to

**AGRI TECHNOVA 2025
International Conference
Organising Secretary**

Dr. M. Daniel Jebaraj
National President, RAAST India
Managing Director, Agri Amigos Pvt. Ltd.,
Professor of Practice,
TNAU, Coimbatore, Tamil Nadu, India.

Mobile: 9361885985
8610561280, 8610266172
Mail Id: info@agritechnova.com

**AGRI TECHNOVA 2025
International Conference
Organising Secretary**

Dr. M. Viji
Assistant Professor
PG& Research Department of Botany
Thiagarajar College,
Madurai, Tamil Nadu, India.

Mobile: 9003773907
Mail Id: vijisp08@gmail.com

**AGRI TECHNOVA 2025
International Conference
Co-Chairman**

Dr. A. Pal Pandi
National Secretary, RAAST India
Former Principal & Research Head
Bharath Niketan Engineering College,
Theni Dt., Tamil Nadu, India.

Mobile: 9842642848
Mail Id: drapandi@gmail.com