

CONFERENCE PATRONS



Dr. K. RETHINAM
CHAIRMAN OF PCAS
CEO OF GTN ARTS COLLEGE - DINDIGUL



Dr. R. Durai, B.E. M.B.A. Ph.D.
Director, Pushkaram College of
Agriculture Sciences

10th NATIONAL CONFERENCE ON AGRO-ECOLOGICAL FARMING SYSTEM TO PROMOTE SUSTAINABLE AGRICULTURE

Date : 18th August 2024 Sunday Venue : Bharat Ratna Dr.C.Subramaniam Block

Organized by

ICAR

**NRCB - NATIONAL RESEARCH CENTRE FOR BANANA - TRICHY
PUSHKARAM COLLEGE OF AGRICULTURE SCIENCES - PUDUKKOTTAI**

Jointly Organized by

NADIYAMMAI RESEARCH AND DEVELOPMENT FOUNDATION (NRDF)

About the PCAS

The PCAS is located on the main road from Pudukkottai, via Alangudi. Established in the year 2016, Pushkaram College of Agriculture Sciences is affiliated to the Tamil Nadu Agricultural University (TNAU), Coimbatore. It is situated at Thiruvarangulam, Pudukkottai, adjacent to NRCB, TNAU and KVK at Vamban. The fertile and ever green PCAS Campus is closer to many historical places. Pushkaram College of Agriculture Sciences adopts globally acceptable practices in imparting Agriculture Education and Developing Agriculture Research Culture. This rich experience will help in providing quality education.

About the ICAR - NRCB

ICAR-National Research Centre for Banana was established on 21st August 1993 at Tiruchirappalli, Tamil Nadu by ICAR, New Delhi with an aim to increase the production and productivity of banana and plantains through mission mode basic and strategic research approaches.

The Centre works on four major thrust areas of research viz., Crop Improvement, Crop Production, Post Harvest Management and Crop Protection. It has well-equipped laboratories for Tissue-culture, Bio-technology, Soil Science, Nutrient Management, Physiology, Biochemistry, Entomology, Nematology, Fungal, Bacterial, Viral Pathology and Post harvest technology research.

About the Conference

The objective of the conference is to gather the Scientists, Academicians Researchers, and students from various fields to provide a platform for discussing the recent researchers and updates in the field of Science, Agro-ecological. The National Conference is proposed to be conducted on 11th August 2024.

Agro-ecology is the application of ecological principles to agricultural systems and practices and the application of social justice principles to whole food systems. Agro-ecological farming, concept to those who treat agriculture and ecology as separate subjects, refers to farming for producing food, employment and economic benefits in addition to cultural, social and environmental services and benefits. Additionally, agro-ecology empowers farming communities as the key agents of change and addresses the root cause of problems of unsustainable agricultural systems in an integrated way and provides holistic and long-term solutions to transform the food and agricultural systems. Agro-ecology addresses the root causes of hunger, poverty and inequality by helping to transform food systems and build resilient livelihoods through a holistic approach that balances the three dimensions of sustainability – social, economic and environmental.

About the NRDF

The Nadiyammai Research and Development Foundation (NRDF) is dedicated to various research and development activities aimed at improving rural life and promoting sustainable technologies. Their primary focus areas include agriculture, animal husbandry, health and nutrition, climate change, gender equality, women empowerment, and education. They undertake scientific studies and pilot projects to demonstrate environmentally friendly and sustainable production methods, especially in rural areas. NRDF also promotes economic activities through the formation of self-help groups, stimulates science and technology popularization, and conducts surveys in health, environment, and education. Additionally, they support similar non-profit organizations and engage with governmental and non-governmental bodies to further their objectives, organizing seminars and discussions to advance their cause.



Dr. T. Arumugam, Ph.D.,
Vice Chancellor,
Thiruvalluvar University, Vellore



Dr. N. Venkatesa Palanichamy, Ph.D.,
Dean,
AC&RI, TNAU, Coimbatore



Dr. R. Selvarajan, Ph.D.,
Director
NRCB, Trichy



Dr. P.P. Mahendran Ph.D.,
Dean,
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Madurai, Tamil Nadu Agricultural University



Dr. S. Nakkeeran, Ph.D.,
Dean,
AC & RI, Kudumiyamalai,
Tamil Nadu Agricultural University



Dr. J. Rajangam, Ph.D.,
Dean,
HC & RI, Periyakulam,
Tamil Nadu Agricultural University



Dr. R. Rajkumar, Ph.D.,
Principal Scientist, (MSSRF)
Pudukkottai

Guide lines for abstract

Abstract are invited for poster and oral presentations not exceeding 250 words, Typed in Times New Roman, Font size 12, Line spacing 1.5. The abstract should be sent only by **email: pcasaefs24@gmail.com** along with the title of the paper, Name of the author(s), Full address of correspondence including email id and mobile number. The name of the presenting author should be underlined. The abstract should be sent along with the registration fee details.

Poster Presentation

The poster dimension should be 100*100 cm. Prepared in Power Point and Presented through digital mode and Power Point will be submitted one day prior to conference, title should be in bold and clear; clarity of image and tables should be taken care. The presenting author's name should be underlined. Certificate for presentation will be given only to the presenting author.

- Content must be from unpublished original research work/ review
- The poster should be self explanatory

Oral Presentation

- The Power Point should be in a concise manner
- Presentation should be completed within 10 minutes
- The Participants should submit their PPT one hour prior to the session

Themes

- Economic Resilience and Sustainable Development: Sustainable Agriculture, Horticulture and Livestock System under Climate Change Scenario, Green initiative
- Role of Agro - Ecosystem Practices for Enhancing Soil Health
- Characterization of Landraces & Primitive Types Using Modern Approaches for Promoting Sustainable Agriculture
- Remote Sensing, Drone Technology, Artificial Intelligence, Machine Learning, Nanotechnology & Modeling
- Climate Change-Vulnerability, Adaptation& Mitigation in Agricultural & Allied Sciences
- Climate Smart Agriculture Systems: Transforming Food Systems under a Changing Global Scenario
- Modern Techniques & Approaches on Pest and Disease Management

Registration fee

PG & Ph.D Scholars – Rs.650/- per paper

Faculty and Others – Rs.750/- per paper

Awards - Rs.1,000/-

Awards

1. Prof. M.S. Swaminathan Best Research Award
2. Dr. Sir C. V. Raman Out Standing Achievement Award
3. Prof. T.S. Venkatraman Excellence Research Award
4. Dr. Rattan Lal Innovative Scientist Award
5. Dr. S. Radhakrishnan Best Faculty Award
6. Dr. M.H. Marigowda Young Scientist Award
7. Namazhvar Organic Farmers Award
8. வளரும் வேளாண் தொழில் முனைவோருக்கான சிறந்த விருது 2024



Patrons

- Ln. Dr. K. Rethinam MJF, Founder and Chairman, PCAS, Pudukkottai, Tamil Nadu, India.
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- Mr. M. Rajaram B.E., M.Tech., Secretary, PCAS, Pudukkottai, Tamil Nadu, India.

Convener

- Dr. S. Raguraman M.Sc., (Ag.), Ph.D, FRES, Principal, PCAS, Pudukkottai, Tamil Nadu, India.

Co - Convener

- Dr. V. Shanthi, M.Sc. (Ag.), Ph.D., Department of Agricultural Microbiology, Vice Principal, PCAS

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- Dr. S. Vinoth Kumar M.Sc. (Ag.), Ph.D, Associate Professor, Department of Agricultural Entomology, PCAS.

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- Dr. R. Mary Ruby Shyla M.Sc. (Hort.), Ph.D, Associate Professor, Department of Horticulture, PCAS.
- Ms. S. N. Salma Banu M.Sc. (Ag.), Assistant Professor, Department of Agricultural Entomology, PCAS.

National Panel of Experts

- Dr. Anand Vetrivel Ph.D., CEO/Data Scientist- Farm wise AI (Chennai)
- Dr. R. Parimalan Ph.D., Senior Scientist (Plant Bio-Technology), ICAR (NBPGR), New Delhi.
- Mr. R. Natarajan Secretary, Nadiyammai Research and Development Foundation, Pudukottai
- Mr. K. Sathasivam Advisor, Nadiyammai Research and Development Foundation, Pudukottai
- Dr. C. Poonkodi Ph.D., HOD (Soil Science and Agricultural Chemistry) Annamalai University, Chidambaram.
- Dr. V. M. Indhumathy Ph.D., Associate Professor, Agricultural College and Research Institute, Kudumiyamalai, Pudukkottai
- Dr. Raja Ramesh Ph.D., Assistant Professor (Agricultural Entomology), National Pulses Research Centre, Vamban, Pudukkottai
- Dr. K. R. Saravanan Ph.D., Assistant Professor (Plant Breeding & Genetics) Agricultural College and Research Institute, Kudumiyamalai, Pudukkottai
- Dr. V. Kalirajan Ph.D., Assistant Professor (Agricultural Extension)
V.O. Chidhambaranar, Agricultural College and Research Institute, Killikulam
- Dr.T. Kalidasan Ph.D., Associate Professor (Agricultural Extension) Annamalai University, Chidambaram.

Technical Support Service Executive Members

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- Dr. R. Dhiyva Ph.D., PDF, Assistant Professor, Department of Business Administration PSGR Krishnammal College for Women, Coimbatore
- Dr. M. Muthamil Selvan Ph.D., Principal Scientist, ICAR (Engineering)
- Mr. K. Bharathidasan M.Sc. (Ag.) (Agricultural Entomology), Plant Doctor, MSSRF-Cabi Plantwise

Important Dates & Registration link

- Last date for online registration: 13.08.2024
- Last date for submission of Abstract: 15.08.2024
- Last date for acceptance of Abstract: 16.08.2024

Link.... <https://forms.gle/8wBPvE8xyABDKZ477>

Mode of Payment

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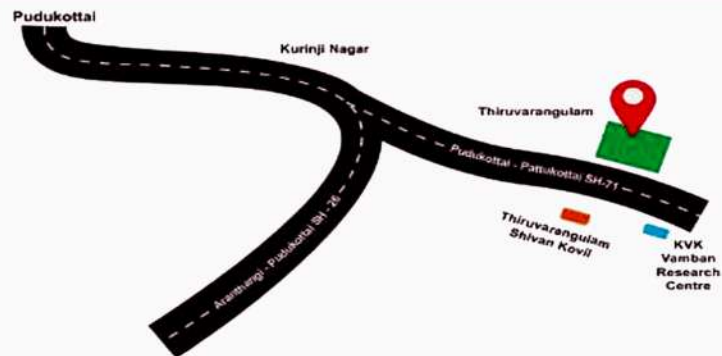
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ROUTE MAP



Pushkaram College of Agriculture Science

Veppangudi village, Thiruvarangulam Post, Pudukkottai - 622 303.

Accommodation

Accommodations are to be arranged in the private hotels @ pudukkottai on payment basis with best discounts Contact : Mr.R.Nepolian - Account Manager, 9047183632.

Note: Registration kit includes conference abstract, refreshment coupons and note pad.

For Further Informations Contact

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