

SUBMISSION OF PAPERS:

A full paper of maximum of five pages (A4 size, Times New Roman font size of 12 with 1.5 line spacing) should be submitted through Email: apacpbgnationalseminar@gmail.com and hard copy by post may be sent on or before **June 11th, 2018**. A maximum of three authors are permitted per paper. For poster presentation, the size should be 60 cm X 60 cm. The paper should be sent along with filled in registration form. The registered participants can participate and present their papers in the seminar. The certificates will be issued only to the registered participants. Since, a souvenir is proposed for publication, the following format shall be followed uniformly (with ISBN No).

- Title / Authors
- Abstract
- Introduction
- Materials and Methods
- Result and Discussion
- Reference (Follow the format as in Madras)

Important dates:

Abstracts & Submission of full paper:
June 11th, 2018

Date of Seminar : June 27th, 2018

Venue of seminar : APAC, Kalavai

Registration Fees:

Students : Rs.300
Research Fellows/Scientists/Professors : Rs.550

Registration fee can be sent in the form of demand draft drawn in favour of "The Dean, Adhiparasakthi Agricultural College" Payable at Vellore (or) by cash. Cash payment may be made to the organizing secretary

Registration form

Name (in block)

Letters :

Designation :

Address :

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Title of the paper(s) :

Type of

Presentation : Oral / Poster

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Om Sakthi

ADHIPARASAKTHI AGRICULTURAL COLLEGE

(Affiliated to Tamil Nadu Agricultural University)
G.B.Nagar, Kalavai 632506



NATIONAL SEMINAR ON "CURRENT CHALLENGES AND INNOVATIVE BREEDING APPROACHES IN CROP SCIENCE FOR AGRICULTURAL SUSTENANCE" June 27th, 2018



Department of Plant Breeding and Genetics
Adhiparasakthi Agricultural college
G.B.Nagar, Kalavai -632506.

ABOUT THE COLLEGE

Adhiparasakthi Agricultural College, the first self-financing College in Tamil Nadu, was established at G.B. Nagar, Kalavai, Vellore district in the year 1999. It is affiliated to Tamil Nadu Agricultural University (TNAU), which is a premier and pioneer institute in agricultural education and research. Initially B.Sc (Agri.) programme was started during the year 1999, followed by B.Sc (Hort.) in 2004. During the academic year 2008, Diploma in Agriculture was started. In the year 2012, Post Graduate programmes like, M.Sc(Hort.) in Vegetable Sciences and M.Sc (Agri.) in Plant Pathology were started.

ABOUT THE SEMINAR

The climatic change has proven its impact on the production and productivity of crops by vagaries of temperature, rainfall and through pest and disease incidences. Also enormous results of scientific investigations from the recent past are available especially for crop breeding strategies, both through classical and modern methods to face such a threat.

Crop improvement with a holistic approach to develop climate-resilient crops is the need of the hour. The challenge of serving the growing population at this hour of altering environment coupled with effective programmes for popularization of improved varieties and technology demonstration among students, scientists, research scholars and farmers needs to be strengthened /initiated. The proposed seminar will benefit the students, scientists, research scholars

Contact :

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CALL FOR PAPERS

Papers contributions (oral and poster) are invited in the following themes.

- Genetic improvement of crop plants through classical plant breeding methods
- Innovative breeding tools and techniques for crop improvement including marker assisted breeding.
- Resistant breeding for biotic and abiotic stresses.
- Genomics and quality breeding approaches.
- Genetic conservation and Biodiversity of crop plants.
- Innovative tools and techniques for improvement of horticultural crops and for tree improvement.
- Plant tissue culture, genetic transformation, genetically modified organisms, biosafety and bioethics.
- Seed viability ,vigor, purity test. DUS testing seed development. pre and post harvest handling of seeds.

Programme Schedule

June 27th, 2018

8:30 AM Registration

9:30 AM Inaugural Function

Session 1 - Genetic improvement through conventional method of plant breeding
10:30 AM to 1:00 PM Lecture Hall 1

Session 2 - Stress Breeding for crop improvement.
10:30 AM to 1:00 PM Lecture Hall 2

Session 3 - Innovative Breeding Methods, Marker Assisted Breeding and Tissue Culture.
10:30 AM to 1:00 PM Lecture Hall 3

Session 4 - Plant Genetic Resources for Crop improvement
10:30 AM to 1:00 PM Lecture Hall 4

Valedictory function

2:00 PM to 4:00 PM - Seminar Hall

Chief patron

Arul Thiru Bangaru Adigalar
Founder president, APEL

Patron

Tmt.Lakshmi Bangaru Adigalar
Executive Trustee, APEL

Secretary (APEI)

Thiru R. Karunanidhi, M.A.,

Organizing secretary

Dr.S. Manickam, Ph.D
Dean i/c

Convener

Dr. S. Rajkumar, Ph.D (Assistant Professor)
Dept. of Plant Breeding & Genetics

Members

Dr.S.Karpagavalli, Ph.D (Assistant Professor)
Dept. of Plant Pathology

Dr.S. Suresh, Ph.D (Assistant Professor)
Dept. of Plant Breeding & Genetics

Mrs. R. Nalini, M.Sc., M.Phil (Biotech)
(Assistant Professor)
Dept. of Biotechnology

Mr. R. Senthilnathan, M.Sc (Agri.),
(Assistant Professor)
Dept. of Agronomy

Mr. M. Muthukumar, M.Sc (Agri.),
(Assistant Professor)
Dept. of Entomology

Dr.P.Kalaiselvan, Ph.D
Prof. & Head (Dept. of Agronomy)

Dr.B.Rajendran, Ph.D
Prof. & Head (Dept. of Agri Entomology)

KEY NOTE SPEAKERS

Dr.K.Ramaraju, Ph.D.,

Director of Research, TNAU, Coimbatore.

Dr.K.Ganesamurthy, Ph.D.,

Director, Centre for Plant Breeding and Genetics (CPBG), TNAU, Coimbatore.

Dr. A.John Joel, Ph.D.,

Professor (Plant Breeding),
Centre for Plant Breeding and Genetics (CPBG), TNAU, Coimbatore.