

REGISTRATION FORM

Participation/Presentation

Name: Dr. / Mr. / Mrs.

Designation:

Organization:

Address:

Phone:

Mobile:

E-mail:

Accommodation: Yes/No

DD in favour of Convener, National Seminar - Advances and Applications in Plant Science (2019), Department of Botany, University of Kerala, payable at State Bank of India, Karyavattom, Thiruvananthapuram - 695581.

Mode of payment: DD/ Cash

Name of Bank:

Branch:

Place:

Date:

Signature

ORGANIZING COMMITTEE

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Prof. (Dr.) V. P. Mahadevan Pillai
Hon. Vice Chancellor

Convener

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Co convener

Prof (Dr.) Ashalatha S. Nair

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Dr. R. Rajalakshmi

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Dr. Bindu R. Nair

Correspondence

Dr. R. Rajalakshmi

Department of Botany

University of Kerala, Kariavattom - 695581

Thiruvananthapuram, Kerala

Phone: 0471-2308301, 9495819218

Email: unikerbot@gmail.com



*National Seminar
on*

**Advances and Applications
in Plant Science**

February 6-8, 2019

Venue
**Seminar Hall
Department of Botany**

Organized by

**DEPARTMENT OF BOTANY
UNIVERSITY OF KERALA**
Kariavattom, Thiruvananthapuram

Sir/Madam,

Plants form the basis of most food chains on the planet. They have evolved a myriad of strategies to deal with the environmental challenges. The environment shapes plants, but plants also influence the environment. They shape weather patterns, provide flood defense, purify water, provide food and offer solace and inspiration. So plant biology has reached its heights to answer many questions of great significance.

There is an unrivaled development in every field of plant science in recent years. Advancement in plant physiology serves as the foundation for the numerous developments in forestry, agronomy, floriculture and plant pathology. Phytochemical analysis provides information on secondary metabolites such as alkaloids and steroids, which in turn is the basis of our pharmacological recipe book. Metabolic engineering of plants deals with production of biodegradable plastics, healthier sugars and biofuels. Plants grow in association with complex communities of organisms. Phytobiomes encompass all the organisms and all aspects of the environment that influence or are influenced by plants. Plants are ideal model systems to study the influence of changing environmental conditions on epigenetic patterns. Recent applications in this field investigate how transgene silencing can be prevented and how epigenetic variations can be exploited for novel breeding strategies. Progress in plant science accelerated several folds with the advances in sequencing technology and computational biology. In this context, the Department of Botany, University of Kerala is proposed to organize three day National Seminar on “Advances and Applications in Plant Science” on February 6 - 8, 2019.

This seminar extensively covers a range of topics that are pointing to recent advances in Plant Science. Eminent scientists are expected to deliver lectures on diverse topics in Plant biology. This programme has an overall goal of uniting the young researchers, scientists, and academicians to discuss and share knowledge. Thus, it provides a premier technical forum for deliberating on advanced research and developments as well as for launching new applications, technologies and to explore new trends in the field of Plant science.

About the Department

The Department of Botany, University of Kerala was established in the year 1959 by the Late Prof. (Dr.) A. Abraham, a visionary, an institution builder and a doyen in Cytogenetics and Plant breeding. The Department was shifted from Old University Campus to Kariavattom Campus, and became fully functional in 1968 onwards. The Department actively conducts unique academic programmes, training and workshops to empower students, researchers and scientists of Plant Science, for the future. The Department is internationally known for its major contributions in Cytogenetics and Cytotaxonomy and for running a novel postgraduate programme in Genetics and Plant breeding. The Department is also active in Plant Systematics, Phytochemistry and Plant Biotechnology research and has well established Cell/Tissue culture and Molecular Biology Laboratories. About 250 students/teachers have taken Ph.D. from the Department on diverse topics and more than 270 students have successfully completed M.Phil programme in Advanced Botany.

Scientific Programme

Broad Themes of the Seminar

Biodiversity and Conservation
Natural Resource Utilization
Ecology and Environment
Plant Systematics
Plant Biotechnology
Genomics and Bioinformatics

Unstructured abstracts (both for oral and poster presentations) should be limited to 250 words and would consist of title, authors' name, affiliations and the text. It should be sent to: The Organizing Secretary at unikerbot@gmail.com in MS-Word document (attached to E-mail) latest by 25-01-2019.

Duly filled Registration form and DD may be sent on or before **January 25, 2019**. Alternatively, your participation to the seminar may be communicated by E-mail to the Organizing Secretary on or before February 2, 2019.

Registration Fee

Teachers/Scientists	Rs.1500/-
Research scholars and Students	Rs.500/-
Accompanying person*	Rs.1000/-
Late/Spot Registration	Rs.2000/-

*Accompanying persons will not be eligible for the registration kit.

Accommodation

The organizers will do their best to arrange accommodation for the participants on request and advance payment of the charges.