

Convener

Dr. A. Sabitha Rani

I/c Head & Assistant Professor, Dept. of Botany
UCW, Koti, Hyderabad

Organizing Secretary

Dr.K.Shailaja

Assistant Professor, Dept. of Botany
UCW, Koti, Hyderabad

Registration Fee:

Faculty	-	Rs. 500
Industry members	-	Rs. 1000
Research Scholars	-	Rs. 300
Silent Abstracts	-	Rs. 400

(Abstract will be published in absentia)

The registration fee should be paid through DD/ cheque/
Cash (Drawn in favour of "The Organising Secretary,
NCPSCFC 2017" payable at Hyderabad in any
Nationalised Banks.

Last Date for Registration : December 2nd, 2017

Accommodation: Limited Accommodation is available to
the outstation participants in University guest house on
payment basis with prior request.

Call for Abstracts: Abstracts on the themes of the
conference are invited for Oral/ Poster presentations. The
abstract should be 300 words, in MS word, with font size
of 12", Times New Roman with 1.5 space. The name of the
presenting authors should be underlined.

A soft copy of the abstract along with the registration form
and scanned copy of DD for the prescribed amount should
reach the Conference organizers on or before December
2nd, 2017 to the following email address :
ucwncp2017@gmail.com

REGISTRATION FORM

Name of the Applicant in full : _____

Designation: _____

Department : _____

Institution : _____

Gender (Male /Female) _____

Social Status (SC / ST / BC / OC) _____

Contact Address: _____

Contact No. _____

Email: _____

Fee Particulars : DD. No. / Date/ Name of the Bank/ Amount :

Date

Signature of the Applicant

Conference Convener

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On the occasion of
OSMANIA UNIVERSITY CENTENARY CELEBRATIONS

**A TWO DAY NATIONAL CONFERENCE
ON**

**PLANT SCIENCE RESEARCH:
CURRENT STATUS & FUTURE CHALLENGES**

On
December 7th & 8th 2017



Organized by
DEPARTMENT OF BOTANY
UNIVERSITY COLLEGE FOR WOMEN
(An Autonomous & Constituent College of Osmania University)
Koti, Hyderabad - 500095
Telangana State, India

Convener

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About Osmania University

Osmania University, established in 1918, is the seventh oldest in India, the third oldest in South India and the first to be established in the erstwhile princely state of Hyderabad. Throughout its existence of over eight decades, it has shown remarkable progress and sustained an integrated development of all faculties. It has significantly contributed to the academic and economic development of not only the region but also of the Country.

The University has a vision of developing, enhancing, and improving the quality of human resources to meet the challenges of regional, national and global socio-economic changes. Osmania University is re-accredited by the National Assessment and Accreditation Council as 'A' Grade University. It also achieved the status of a 'University with Potential for Excellence' during IX Plan which secured its position as one among the top 15 universities in the Country. Making centenary year, the university authority aim to make Osmania University a world class Institution and focus our strengths towards rebuilding and restoring the glory of the university.



About University College for Women:

University College for Women, Hyderabad, is a Constituent College of Osmania University and was established in 1924 with autonomous status granted by UGC since 1988-1989. The College offers both Undergraduate as well as Postgraduate Courses in the Faculties of Arts, Social Sciences, Sciences, Commerce and Management. UCW has 25 Academic Departments supported by several facilities like Cyber Centre, well equipped Labs, Botanical Garden with a Green House, sprawling Sports Grounds, Placement Cell and a Central Library.



The College has highly qualified Faculty who take up quality research and consultancy. UCW, has over the years, developed a healthy and productive interaction with the stakeholders. The campus is spread on a sprawling 42 acre land with a historic monument of great aesthetic and architectural importance of British legacy in India which provides an ambience of grandeur. It is a NAAC accredited 'A' grade Institute and recognized by UGC as a Centre with Potential for Excellence.

About the Botany Department:

The Department of Botany, Osmania University College for Women is one of the oldest department established as part of B.Sc, an under graduate program in 1935. A full fledged M.Sc. botany was introduced in 1979, first PG course among all the departments of the college.

Botany is the biggest department of the college with the faculty members actively involved in teaching and research. They have published many research papers in reputed National and International journals, published books and also presented their research work in National and International Conferences in India and abroad.

The department organized many National Conferences, Seminars, Workshops, Training Programmes. The faculty of Botany with their potential research background attracted several major and minor research projects from various organizations like UGC, DST, DBT etc. The teaching faculty of this department has bagged several honours and awards in recognition of their meritorious credentials.

About the National Conference:

Plants are fundamental to the life and constitute more than 90% of the Earth's biomass. They provide food, shelter, clothing, fuel, oxygen, renewable energy, medicines and everything man needed for survival. Because of their greater importance, plants have attracted much attention for understanding the biological process of development.

Plant Science involves the study of morphology, anatomy, taxonomy and physiology of plants. It also includes the analysis of molecular aspects of plant metabolic pathways and the ecological relationships existing between various plants. Fundamental research in plant science is essential to understand the basic concepts and applied aspects of experimental plant biology, biotechnology, plant biochemistry, cell biology, plant breeding etc. Hence, detailed knowledge of various fields of plant biology is essential to undertake the research in improvement of plants and their productivity.

Plant science Research is gaining increasing importance today. It is also facing many challenges like achieving food & nutritional security for all. In the future, the problems are projected to intensify due to degradation of natural resources, shrinking habitats, rising temperatures and reducing yields.

Research in Plant sciences is beginning to address these grand challenges with its unprecedented development and rapid progress made in every field. The challenges can be met by discovery of new technologies and molecular processes governing plant growth and development. The knowledge, innovations and new discoveries are targeted to improve the quality, quantity, safety of plants to benefit the society.

At this juncture, Dept. of Botany, University College for Women, Koti is organizing a **"Two Day National Conference on Plant Science Research: Current Status & Future Challenges"** on December 7th & 8th 2017.

Participants: It is a multi-disciplinary National Conference inviting participation from Researchers, Professionals, Teaching Faculty, Industry members, Research Scholars and students.

The outcome of the conference: The present conference will focus on latest advances and cutting-edge research in various fields of plant science. It provides a platform for the participants to exchange the ideas, expertise, information and developing networks among people working in the area of plant sciences.

Focal themes of the Conference:

- Plant biodiversity, conservation, propagation and sustainable utilization.
- Plant Physiology, Biochemistry, Taxonomy, Genetics and Molecular Biology
- Plant breeding, Mutation Breeding, Crop improvement, Hybrid production.
- Plant Microbe interaction, disease management, IPM and Post harvest Technology
- Plant tissue culture, Plant Biotechnology, Transgenic plants and Bioinformatics.
- Pharmacology, Pharmacognocny, Toxicology and Bio-evaluation of Plant products.
- Plant ecology, Environmental pollution, bio-energy and climate change

Organizing Committee:

Chief Patron

Prof. S. Ramachandram, Vice Chancellor
Osmania University, Hyderabad.

Patron

Prof. Prashantha Athma, Principal
University College for Women, Koti, Hyderabad

Advisory Committee :

Prof. Ch. Gopal Reddy, Registrar, Osmania University
Prof. H.Venkateshwarulu, Special Officer, Centenary Celebrations, OU
Prof. T. Parthasarathy, Dean, Development & UGC affairs, OU
Prof. Ch. Venkata Ramana Devi, Dean, Faculty of Science, OU
Prof. H. Rama Krishna, Head, Dept. of Botany, OU
Prof. Nirmala Babu Rao, Chairperson, BOS, Dept. of Botany, OU
Prof. C. Venkateshwar, Dept. of Botany, OU
Prof. S. K. Mahmood, Principal, UCS, Saifabad, OU
Prof. P. Kamalakar, Dept. of Botany, OU
All the faculty members of Department of Botany