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I am a faculty/student submitting an abstract of my/our research paper entitled

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.....for

Oral/Poster Presentation.

I am enclosing a Demand Draft for Rs.....

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Dated.....towards the registration fee.

Kindly provide accommodation in the University Guest house/student hostel (Hotel accommodation will be arranged on advance payment of Rs. 500/- for Non-A/C room, Rs. 1000/- for A/C room per day).

Place.....

Date.....

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For more details:

Dr. M. SUREKHA

Head & Organizing Secretary

Department of Botany, Kakatiya University

Warangal -506 009, Telangana, India

Tel: 0870-2461417 (O); 0870-2579599

Mobile: 98661 11558;

E-mail: gjcbotconf2018@gmail.com

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Two -Day National Conference

on

EMERGING TRENDS IN PLANT SCIENCES

on the eve of **Golden Jubilee Year** of
Department of Botany, Kakatiya
University, Warangal



9th & 10th September, 2018

Brochure



Organized by

DEPARTMENT OF BOTANY & ALUMNI ASSOCIATION

(UGC-SAP-DRS-III and DST-FIST RECOGNIZED)

KAKATIYA UNIVERSITY

(Accredited with NAAC 'A' grade)

WARANGAL, TELANGANA STATE-506009

ABOUT THE NATIONAL CONFERENCE

Green plants are the principal source of food, fiber, shelter and medicine. They are cardinal for maintaining a sustainable biosphere. Plant Sciences include range of Basic and Applied branches viz., Morphology, Anatomy, Embryology, Physiology, Paleobotany, Cell Biology, Agriculture, Plant Breeding, Horticulture, etc. After the discovery of DNA as genetic material in 1953 a whole new technology like Plant Biotechnology, Bioinformatics have emerged to address challenges in experimental model systems and ecosystems. With the discovery of PCR and microarray technologies, new branches of Biology like genomics, proteomics and metabolomics have come to stay. In view of fast changing technologies and emerging research trends there is a need to share the new knowledge among researchers and academia. The two-day National seminar is proposed against this background.

The objectives of the 2-day National Conference are:

- i. To invite world renowned plant scientists and academia for transmitting their rich pragmatic knowledge to teaching community for updating their academic and research oriented activities.
- ii. To promote intensive interaction between learned speakers and research scholars for motivating them to undertake research in plant science with society applicability and for carving-out a career in it.

The focal themes of the National Conference include:

Nitrogen fixing Cyanobacteria, Mycology & Mycotoxins, Endophytic Fungi, Bioremediation, Plant Systematics, Ethnomedicinal plants, Plant Biodiversity, Plant Conservation Strategies, Plant Biotechnology, Molecular Markers, Plant Tissue Culture & Chloroplast Engineering.

ABOUT THE DEPARTMENT

The Department of Botany, Kakatiya University, was started under the aegis of Osmania University at P.G. Centre, Warangal in 1968. In 1970, the department was shifted to Vidyaranyaपुरi campus into temporary sheds and subsequently in 1986, it was shifted to the present new spacious building.

Since its inception, the department has been offering M.Sc. Botany two years course and Ph.D. programme. So far, 48 batches of M.Sc. students (about 1500 students) have emerged from the portals of the department and 268 Ph.D. degrees and 20 M.Phil. degrees have been awarded. Most of the degree holders have taken up the noble profession of teaching, others have joined other government services like IAS, IFS, as Scientists in national research institutes. Prof. Azmeera Seetaram Naik, one of the alumni and senior professor, was elected as Member of Parliament (Lok Sabha), Republic of India.

Department of Botany while strengthening itself, spawned out two more independent departments, viz., Microbiology and Biotechnology which are performing well.

The Faculty members of the department have published nearly 1500 research papers/articles in National and International journals and have authored many text books, reference books, monographs and book chapters.

The Faculty of the department was able to tap major research projects (MRP) from different funding agencies like UGC, CSIR, AICTE, DBT, IIRS, NRSC, ICMR, DoFE, etc., and also instrumental in getting departmental research grants viz., Special Assistance Programme (SAP), DRS-I, II & III and DST-FIST.

The department of Botany has organized a number of seminars/conferences/workshops for the benefit of students, researchers, young college teachers. The faculty of this department under various academic assignments had visited and undergone advanced training in research and also presented their research findings in international conferences. Many teachers were awarded State Best Teacher Awards/Gold Medals and Fellowships by Govt. and other agencies.

In view of its immense contributions in the fields of teaching, research and extension for the last 50 years, the department alumni and the faculty are celebrating Golden Jubilee Year.

ABOUT UNIVERSITY

Kakatiya University was established in a sprawling 650 acres of land adjoining Warangal city to serve the educational needs and its inception has heralded the

long cherished aspirations of the rural people of Northern Telangana. In an effort to give impetus to the educational, research and faculty exchange programmes with foreign universities, the University has entered MoU with many foreign Universities and Institutions.

The University has now 24 departments on the campus with a network of eleven constituent colleges and 471 affiliated colleges. It is offering about 120 programmes at undergraduate and post graduate level in the faculties of Arts, Science, Pharmaceutical Science, Law and Engineering. The university has hoisted its flag high in the area of sports and games at national level. Social activities taken by National Service Scheme (NSS) brought laurels to the University at national level. In the fitness of things, aptly the University was reaccredited with 'A' grade by NAAC in 2017.

CALL FOR PAPERS

The organizing committee is privileged to invite all the researchers/scientists, teaching faculty, students working in different areas of plant sciences to participate in the conference and benefit from its deliberations.

Participants are requested to submit their abstracts of research areas on A-4 size paper typed in MS word, with size 12 pt in Times New Roman with single space. The heading should be clear and bold followed by author/s, name/s and address. Participants are advised to send soft copy of the abstract to reach latest by **2nd September, 2018** to the **Head & Organizing Secretary, National Conference, Dept. of Botany, Kakatiya University, Warangal-506009 (TS), India** by mail to: gjcbotconf2018@gmail.com

REGISTRATION

Fee:

Participants/Faculty: 700/-; Post-Doctoral Fellows: 600/-; Research Scholars: 500/-

Payment may be made through DD drawn in favour of **Organizing Secretary, National Conference-2018**, payable at **State Bank of India** (IFSC: SBIN0020262), Kakatiya University Branch, Hanamkonda.