

National Symposium
On
' Emerging Trends In Plant Sciences'
(3rd- 4th March 2011)



Organized by:
Centre of Advanced Study
Department Of Botany,
Faculty of Science,
Banaras Hindu University,
Varanasi - 221005
India

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In Plant Biology, even the area of basic biology has become one of the most exciting areas to work with, just because of the emerging trends and techniques that has made the study of plants more convenient and interesting. Even in the field of cytogenetics very rapid progress has been made on a number of fronts in recent years. Cytogenetics now advances through developments in basic biology, instrumentation, microscopy, computational analysis, cytochemistry and biochemistry. Likewise, besides fundamental uses in unraveling the mysteries of nature & global climate change, genome biodiversity assessment also has far reaching implications in the well being of mankind. The advent of genomics-based technologies has provided the ability to address biological questions or altered phenotypes in ways not previously imagined. In the past decade, we have obtained reference genomes for a number of plant species which can now serve as the basis for comparative studies within or among species and as a framework for a wide variety of functional genomics approaches. Over the past few decades rapid developments in genomic and other molecular research technologies and developments in bioinformation technologies have combined to produce a tremendous amount of information related to molecular biology. In view of these, a national conference on “Emerging Trends in Plant Sciences” is being organized to acquire stock of the current knowledge which will help us to understand the depth of nature easily.

Theme Areas:

- Emerging trends in Plant Cytogenetics
- Genome Biodiversity & Sustainable Development
- Biotechnological approaches for Crop Improvement
- Trends in Genomics, Proteomics & Metabolomics
- Role of Bioinformatics in Plant Sciences

Venue:

BHU located at the banks of the river Ganga, Banaras Hindu University, the oldest residential university in the country was established in 1916 by the visionary educationist Mahamana Madan Mohan Malviya. The picturesque 1400 acre campus houses 3 institutes (medical, technology and agriculture), a women's college (Mahila Mahavidyalaya), 15 Faculties, 123 Departments, 4 interdisciplinary centers and rapidly growing south campus of the university located at Barkachha. PG Teaching in Dept of Botany began in 1919 under the leadership of Professor Birbal Sahni, FRS. Later Professor Y. Bharadwaj (1933 -1955), Prof. R. Misra (1955-1971) and Prof. R. N. Singh (1971-1976) successively chaired the Department and established internationally renowned schools of Algology, Mycology, Ecology and two non thrust areas, Cytogenetics & Morphogenesis. Since its inception, the Department has maintained a very high profile in teaching and research in plant sciences in the country. In recognition of its outstanding performance and achievements for over more than half a century, the Department was chosen by the UGC for Special Assistance (DSA) in 1972, as the Centre of Advanced Study (CAS) in Botany in 1980, and as a Centre of Excellence under COSIST programme in 1984.

Climate & Clothing:

The seminar period is expected to be pleasant (max. temp.: 28° C; min. temp.: 15° C). Participants shall require light woolen garments.

Abstracts:

Abstracts not exceeding 250 words to be sent to Dr. Shashi Pandey, Organizing Secretary, in the form of one hard copy. The abstract can also be sent through e-mail as an attachment on etps.bhu@gmail.com on or before 30 Dec, 2010. Abstracts must be in MS word format. It is intended to publish the proceedings in the form of a book after peer review. The authors are requested to submit full papers of the abstracts which they wish to present during the symposium by 10th Feb 2011.

Please take in account that there shall be limited number of oral presentations.

Registration Fee:

(To be remitted in advance)

Participants : 1000/-

Students : 500/-

Registration fee include:

- Accommodation
- Entry to all the sessions
- Programme & abstract book with Kit
- Breakfast, lunch & dinner

REGISTRATION FORM

(Can be xeroxed for multiple uses)

Name: _____

Qualification: _____

Designation: _____

Postal Address: _____

Telephone: _____

Email: _____

Details of Draft enclosed*: _____

Accommodation required: Y/N

Arrival date and Time: _____

Date:

Place:

Signature

*Registration fee may be remitted in advance through a demand draft in favour of Convener, ETPS,
Botany Department, BHU, payable at SBI, BHU, Varanasi.

Important Deadlines:

Consent for participation : Dec 15, 2010
Submission of Abstract : Dec 30, 2010
Receipt of Registration Fee : Jan 10, 2011
Remittal of Advance for
Accommodation : Jan 10, 2011

Address for communication:

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