

**Venue:** Mahamana 150<sup>th</sup> Birth Anniversary Hall, Seminar complex, Banaras Hindu University, Institute of Science, Varanasi, India.

#### **Banaras Hindu University**

The great visionary Bharat Ratna Mahamana Pandit Madan Mohan Malaviya founded BHU in 1916 on the bank of the holy River Ganges. This institution of international recognition epitomizes a synthesis of ancient wisdom and modern scientific temper. BHU is among the world's largest residential universities, comprising 6 institutes, 16 faculties, 140 departments, many centers of advanced studies, 05 interdisciplinary schools and rapidly growing south campus of the university located at Barkachha, Mirzapur.

#### **Institute of Science**

The Faculty of Science was established in the year 1916 and was upgraded to Institute of Science in December 2015. There are 6 centers and 13 different departments of Physical, Chemical, Mathematical, Earth and Biological Sciences.

#### **Centre of Advanced Study in Botany**

In 1919, the Department of Botany started postgraduate courses under the leadership of Professor Birbal Sahni, FRS. Later Professor Y. Bharadwaja (1933-1955), Prof. R. Misra (1955-1971) and Prof. R. N. Singh (1971-1976) successively chaired the department and established internationally renowned areas of Phycology, Ecology and Mycology. Since its inception, the Department has maintained a very high profile in teaching and research of national and international repute. The Department has two self financed PG programs (Environmental Science and Applied Microbiology) in addition to excellent UG and PG teaching programs in Botany. In recognition to its outstanding contribution, the Department was chosen under Special Assistance Programme (SAP) of UGC in 1972, Centre of Advanced Study (CAS) in 1980 and presently running VI<sup>th</sup> Phase of CAS. Department was recognized as "Centre of Excellence" in 1984 under COSIST program. Recently, Department of Science & Technology (DST), Government of India has selected the Department for financial assistance under FIST (Level II). The current research endeavors include: (i) Physiological, Biochemical and Molecular approaches to stress tolerance, Biotechnological potential and product development in Algae, Cyanobacteria, Bacteria and Fungi (ii) Green house gas influx, carbon sequestration, biodiversity, Ecological complexity, Soil microbiology and Sustainable agriculture (iii) Molecular plant pathology and management of plant diseases (iv) Morphogenesis and molecular biology of higher plants.

#### **Climate & Clothing**

The seminar period is expected to be pleasant (max. temp. 25 °C; min. temp. 15 °C). Participants shall require light woolen garments.

#### **Address for communication:**

Symposium email id: [ctpsrbhu@gmail.com](mailto:ctpsrbhu@gmail.com)

#### **Prof. Ravi Kumar Asthana**

Convener  
Department of Botany  
Institute of Science  
Banaras Hindu University  
Varanasi - 221005  
Email: [asthana.ravi@gmail.com](mailto:asthana.ravi@gmail.com)  
Mob: 9454161038

#### **Prof. Shashi Pandey**

Organizing Secretary  
Department of Botany  
Institute of Science  
Banaras Hindu University  
Varanasi - 221005  
Email: [psshashi@bhu.ac.in](mailto:psshashi@bhu.ac.in)  
Mob: 9450828556

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Vice-Chancellor, BHU

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**Prof. R.S. Upadhyay**  
Head & Coordinator CAS, Department of Botany, I.Sc., BHU

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**Prof. M. B. Tyagi**

(Second Circular)

## **National Symposium on CURRENT TRENDS AND FUTURE PROSPECTS IN PLANT SCIENCE RESEARCH** (Department of Botany: Centenary Year Celebration) (February 1 – 3, 2019)



**Organized by**  
**Centre of Advanced Study in Botany**  
**Institute of Science**  
**Banaras Hindu University**  
**Varanasi – 221005, India**

**REGISTRATION FORM**  
(Can be xeroxed for multiple uses)

Name:.....

Qualification: .....

Designation:.....

Postal address:.....

.....

Telephone:.....

Email:.....

Details of Draft enclosed\*:.....

Title of the Abstract:.....

.....

Participation for (Tick  ) :

Poster presentation / Oral presentation

Accommodation required: Y/N

Arrival date and Time:.....

Date:.....

Place:..... Signature:.....

**Registration Fee: (Both Online & with Draft)**

(To be remitted in advance)

Participants: 2500/-

Students : 2000/-

Registration fee includes:

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

Payment can be made online using following information.

**Account name: CTPSR2019**

**Account No. 37955059954**

**SBI Branch Name: SBI, BHU Main Branch**

**IFSc Code: SBIN0000211**

\*Registration fee may be remitted in advance through a demand draft in favour of **CTPSR2019**, Botany Department, BHU, payable at State Bank of India, BHU, Varanasi.

**National Symposium on  
Current Trends and Future Prospects  
in Plant Science Research  
(February 1 – 3, 2019)**

Understanding of plant life underpins a vast range of activities and touches virtually every aspect of human life. Earth is hospitable and sustainable because of plants. Plants are source of food, fodder, energy and drugs. Plant biology has become more fascinating after advent of modern tools and techniques as well as knowledge of genome sequences of large number of bacteria, fungi, algae and plants. Emerging areas of genomics, proteomics and metabolomics compounded with information tools led the establishment of System Biology. Thus, interaction of genome with changing environment resulted altered productivity and metabolism of plants.

Preservation and conservation of biodiversity of plants have assumed utmost importance as most of the drugs for dreaded diseases are derived from natural products only. Therefore, the centenary celebrations of Botany Department in the form of “**National Symposium on Current Trends and Future Prospects in Plant Science Research**” is an effort to bring forth specialists in the various disciplines for exchanging their views and suggestions for newer generations.

**Theme Areas in Plant Science Research**

- **Plant-microbe interactions**
- **Climate change and biodiversity**
- **Physiological, biochemical and molecular basis of stress management**
- **Bioactive compounds and their applications**

**Important Deadlines**

- Consent for participation : Dec 15, 2018
- Submission of abstract : Dec 25, 2018
- Date for sending acceptance : Jan 1, 2018
- Receipt of Registration Fee : Jan 1, 2019
- Remittal of advance for accommodation : Jan 1, 2019

**Abstracts**

Abstracts not exceeding 250 words should be sent to Prof. R.K. Asthana, Convener, through e-mail to **ctpsrbhu@gmail.com** on or before 30<sup>th</sup> Nov, 2018. Abstracts must be in MS word format with font size 12 in Times New Roman. There will be invited lectures and limited number of oral presentations by young scientists.

**Access to Varanasi**

Varanasi is well connected to the rest of the country by air & train. Lal Bahadur Shastri International Airport is approximately 35 Km from Banaras Hindu University. The main railway stations to reach Varanasi are Varanasi Cantt (BSB) and Manduadih (MUV) which are approximately 8 and 3 km respectively from BHU.