



REGISTRATION FORM

National conference on
**Plant Science technologies: current status
 and Future Prospects**
 21-23 March, 2017

Name in Block:..... photo
 Designation:.....
 Highest Qualifications:..... Sex.....
 Address:.....
 Phone No..... Email:.....
 Date of Birth:.....
 Paper (Oral/Poster) title:.....
 DD No..... Bank..... date.....

Signatures..... Date.....

Conference Registration fee

All participants will require to be registered in the conference.

Categories	before 10 March	on spot
Students:	INR 500	INR 1000
Ph.D Scholar:	INR 1000	INR 1500
Scientist/faculty:	INR 1500	INR 2000
Industrialist:	INR 2500	INR 3000
Accompanying Person:	INR 500	INR 1000

A registration fee includes conference kit, Souvenir, tea and two day Lunch.

Registration fees can be paid through:

Cash/DD in favour of **Plant science technology conference** payable at Bilaspur (CG) or NEFT to **Plant science technology conference A/C No. 947420110000006** (Bank of India, Bilaspur IFSC code BKID0009474), confirming by sending the scanned copies of bank receipt to **conference Secretariat**

Please send the Registration form along with the DD to:

Dr. SK Shahi, Convener, NCPST-2017,

**Botany Department, Guru Ghasidas Vishwavidyalaya,
 Bilaspur (CG) 495009**

Conference Secretariat: : pst2017ggv@gmail.com

Dr. Sushil Kumar Shahi
sushilkshahi@gmail.com
 Mobile: 09479230418

Dr. S. K. Prajapati
sntshprjpt@rediffmail.com
 Mobile: 9479168632

ORGANIZING COMMITTEE

CHIEF PATRON

Prof. Anjila Gupta
 Honorable, Vice Chancellor

PATRONS

Prof. BN Tiwary
 Registrar

Dr. Renu Bhatt

Dean, School of Life Science

CONVENER

Dr. Sushil Kumar Shahi
 Head, Department of Botany

ORGANIZING SECRETARY

Dr. S. K. Prajapati
 Department of Botany

JOINT-ORGANISING SECRETARIES

Dr. S. K. Pandey
Dr. S. S. Singh
Dr. V. N. Tripathi

MEMBERS

Dr. Jyoti Pandey
Dr. Pankaj Sahu
Mr. Amar Abhishek

National Conference

on

**Plant Science Technologies:
 Current status and Future Prospects**
 (NCPST-2017)

March 21-23, 2017



ORGANIZED BY

Department of Botany
Guru Ghasidas Vishwavidyalaya
 (A central University)
 Bilaspur (Chhattisgarh)



About the University

Guru Ghasidas Vishwavidyalaya (GGV) is located in Bilaspur, Chhattisgarh. It was first established by an act of the State Legislative Assembly in the year 1983, as Guru Ghasidas University. Later in the year 2009, it was upgraded as a Central University by Government of India, under Central Universities Act 2009, No. 25 of 2009. GGV is accredited as B+ by NAAC. Situated in a socially and economically challenged area, the university is appropriately named to honor the great Satnami Saint Guru Ghasidas Ji, who championed the cause of the downtrodden and waged a relentless struggle against all forms of social evils and injustice prevailing in the society. The University is a residential cum affiliating institution, having its jurisdiction spread over Bilaspur Revenue Division of the state of Chhattisgarh. It covers almost the entire spectrum of the higher education requirements of the local people. It has several University Teaching Department (UTDs) on its campus.

Department of Botany

Established in 2009, the department of Botany is one of the youngest department included in the School of Life Sciences. The department offers courses at UG and PG levels including 5 years integrated Master's program with an exit option with B.Sc (Hons) degree after three years. Department is also running an active Ph.D. program, where scholars work in basic as well as advanced areas of plant sciences. These programs are designed to provide basic knowledge of the living world, plant diversity and evolutionary trends of flowering and non flowering plants, cell biology, genetics, plant physiology and plant ecology during the first three years. Whereas in the final two years, advance knowledge in instrumentation skills, plant tissue culture techniques, molecular biology and bio-resources of Chhattisgarh is imparted. The department offers four specialization areas to its master's students, viz., Stress biology of plants, Ecology & environmental biology, Biodiversity conservation & ethno-botany, and Plant molecular biology. The students are assessed and evaluated by regular class tests, seminars, assignments, and end-semester examinations.

The department has a number of special laboratories like Plant tissue culture lab, Lab for cyanobacterial studies, Molecular biology lab, Ethanobotany lab, Environmental biology lab, bio-resource tech lab etc. Department possessed diverse forms of Algae, fungi, Bryophytes, Pteridophytes, Gymnosperms and Angiosperms for regular studies. Central instrumentation facility in the department includes microscopy with Leica (DM200), Digital Research Microscope, Gel Electrophoresis and blotting units with accessories for DNA, RNA and protein analysis, PCR thermo cycler, Deep Freezers, Gas Sampling Kit, Respirable Dust Sampler, Flame

photometer, Gas Chromatograph etc. Department also has an enriched library with a great number of reference books as well as access to online journals, which caters the need of the faculty members and students.

The faculty members of the department contribute regularly to scientific world through scientific and research publications and have received many distinguished national and international awards. They serve on the editorial boards and also act as referees for many national and international journals. Many projects funded by different government agencies are also running in the department.

About the Conference

Plants are important as they supply food, shelter, medicine, pure oxygen for life, cleaner environment etc. required for survival of mankind. The skills and knowledge of plant science and related technologies are always needed worldwide, helping farmers to Environmentalists to Doctors. The applications of plant science technology are so broad and the advantages are so effective, that virtually every field of science is using this technology. Plant science technology is enabling different industries to make new or better products, often with greater speed, efficiency and flexibility. The research in plant sciences have entered upon a period of exciting new phase, which opens up a totally new and earlier unexplored vistas for our understanding of plant life. At the same time revolutionizing its applications in agriculture and food technology. This conference is basically focused on the new inventions as well as the process development, in plant sciences and their application for human welfare. It is conceptualized to provide a shared forum for researchers, and academicians to discuss the current state of the plant science technologies.

This conference will witness a number of talks by eminent speakers and experts from different fields as well as work presented in the form of oral & poster presentations in the following broad scientific themes:

Scientific themes

- Technologies for lower and higher group of plants
- Diversity of plant & plant resource conservation
- Medicinal and aromatics plant research
- Plant technologies for drugs & vaccine development
- Plant-based products and Molecular farming
- Plant & Nano-biotechnology
- Microbial Technologies
- Biomass, Bio-energy and Biofuels.
- Environmental cleanup and Eco-restoration
- Genomics, proteomics and Bioinformatics
- Genetic engineering & transgenic plants,
- Plant molecular systematics
- IPR, bio-safety, ethics and policy issues

About Bilaspur

It is the second-largest city after Raipur-Bhilai-Durg, the tricity metro of the state. The Bilaspur High Court is the largest High Court of Asia. This city is the commercial center and business hub of North East Chhattisgarh region. It is also an important city for the Indian Railways, as it is the headquarters for South East Central Railway Zone and the Bilaspur Railway Division. Bilaspur is also the headquarters of South Eastern Coalfields Limited. Bilaspur is nearly four centuries old. Referred to as the "**Rice Bowl of India**", Bilaspur abounds in lush greenery and boasts of a myriad number of tourist attractions. Bilaspur had already made a mark as home to the major tasar silk and cotton clothes manufacturers. Bilaspur is known for its aromatic rice variety named Doobraj rice, handloom woven colourful soft Kosa silk saris. It is well known for its rich, varied and colorful culture. The local cuisine is well known for samosas of nitti and paratha of chikka.

Abstract Submission

Authors are invited to submit their abstracts (Title, Authors, address, brief summary and key words and scientific themes should be clearly mentioned. All paper submissions will be peer reviewed and evaluated based on relevance to conference. Abstract should be submitted along with the registration. No abstract will be accepted without registration charges.

All abstracts (must be in English and in MS Word format, font 12 of times new roman and maximum of 300 words) should be submitted as a single attachment to **Conference Secretariat** by email pst2017ggv@gmail.com before **10 March, 2017**.

Call for Full length paper

Selected papers presented in the conference will be published as conference proceeding after peer reviewing. Participants are requested to send their full-length paper in MS word format to the **Conference Secretariat** by email: pst2017ggv@gmail.com soon after the completion of the conference.

Best oral & Poster presentation Award

Three Best oral & poster presentation awards in each category (student, research scholar and faculty) will be awarded during the conference.

Poster should be prepared in 2X3 square feet area.

Accommodation

Accommodation will be provided on prior intimation, in hotels on payment basis. Registration fee is not inclusive of accommodation charges. Please send the request to **Conference Secretariat** by email pst2017ggv@gmail.com before **10 March, 2017**.