

## CALL FOR ABSTRACTS

Abstracts limited to 250 words (excluding title of the paper, names of authors and affiliations) should be typed in Times New Roman (font size 12 with 1.5 spacing). The abstract prepared in MS-Word format should be submitted via email to the Conference Secretary: [conference@mguindia.com](mailto:conference@mguindia.com)

Scanned copy may be sent along with duly filled-in registration form and fee receipt deposited in the respective account. The abstract will be reviewed by a technical committee and acceptance of papers for either oral or poster presentation shall be communicated to the authors. Size of poster should be 90x120 cm in portrait mode.

## YOUNG SCIENTIST CONCLAVE

Young Scientist Conclave has been organized by the PHSS Foundation from the year 2015 to promote young researchers (below 40 years) to present their researches on emerging trends in agriculture, environmental management, information technology and biotechnology. First and second Young Scientist Conclaves were organized at BBA University, Lucknow and Assam Agricultural University, Jorhat respectively. In this series, third Conclave is to be organized at Mansarovar Global University, Bhopal on 30th November, 2019. A certificate for the age of proof should be sent along with abstract (not exceeding 300 words). The selected best young scientist will be awarded with medal and certificate.

## ORGANISING COMMITTEE

### Chief Patron:

Er. K.K. Tiwari, Chancellor, Mansarovar Global University

### Patrons:

Dr. Arun Kumar Pandey, Vice-Chancellor, Mansarovar Global University

Er. Gaurav Tiwari, CED, Mansarovar Group of Institutions

## ADVISORY COMMITTEE

Dr. Shekhar C. Mande  
Prof. P. K. Gupta  
Prof. Sudhir K. Sopory  
Prof. Tod F. Stuessy  
Prof. Akhilesh Pandey  
Prof. A. K. Bhatnagar  
Prof. Akhilesh K. Tyagi  
Prof. J. P. Khurana  
Prof. Paramjit Khurana

Dr. T. R. Sharma  
Prof. Susanne S. Renner  
Prof. Joongku Lee  
Dr. Vijay Joshi  
Dr. P. K. Tripathi  
Dr. P. K. Agrawal  
Prof. Hanno Schaefer  
Prof. Zhaozhang Feng  
Prof. Dudy Bar-Zvi

## LOCAL ORGANISING COMMITTEE

Col. H.R. Ruhil, Registrar  
Dr. Vishal Gupta  
Mr. Sachin Jain  
Dr. Madan Mohan Singh Kushwaha  
Mr. Shubhendu Sinha  
Dr. Mayank Sharma  
Dr. Ajay Chouksey

Dr. Kushal Yadav  
Dr. Ashutosh  
Ms. Jolly  
Dr. Satish Sharma  
Ms. Shruti Sharma  
Ms. Pratibha Sharma  
Dr. Bharati Johri  
Dr. Mayank Dhar Dwivedi  
Ms. Shruti Kasana

## REGISTRATION FORM

International Conference on :  
"Advances in Sustainable Agriculture:  
Bioresources, Biotechnology and Bioeconomy"

Name \_\_\_\_\_

Date of birth \_\_\_\_\_

Gender: Male/Female \_\_\_\_\_

Qualification \_\_\_\_\_

Designation \_\_\_\_\_

Institute/Organisation/University \_\_\_\_\_

Country \_\_\_\_\_

Passport details (for Foreign delegates) \_\_\_\_\_

Mailing address \_\_\_\_\_

Telephone/ Mobile/ E-mail ID \_\_\_\_\_

Title of abstract \_\_\_\_\_

Author(s) (underline the presenting author) \_\_\_\_\_

Mode of presentation (Preference): Oral/Poster \_\_\_\_\_

Contesting for the young scientist award \_\_\_\_\_

Payment details \_\_\_\_\_

Accompanying Person(s) \_\_\_\_\_

Accommodation needed/not needed \_\_\_\_\_

Place: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Please mail to: Conference Secretary, Mansarovar Global University,  
City Office: Kolar Road, Bhopal-462042 [M.P.]  
(e-mail: [conference@mguindia.com](mailto:conference@mguindia.com))

Telephone: +91-9039839796 / 7217827563

## INTERNATIONAL CONFERENCE ON

## ADVANCES IN SUSTAINABLE AGRICULTURE: BIORESOURCES, BIOTECHNOLOGY AND BIOECONOMY



November 29 & 30, 2019

Organised by



Jointly with

PHSS Foundation for Science & Society

Venue

Auditorium  
M.P. Council of Science and Technology  
Vigyan Bhawan, Bhopal

## BACKGROUND

Global warming, alteration in seasonal patterns, disease outbreak, bottleneck effect and change in soil below ground diversity has put agriculture sector in jeopardy world-wide. There has been hardly any significant rise in crop productivity and agriculture seems to be losing its sustainability.

Sustainable agriculture holds a great promise in combating current world hunger. It follows the principle of sustainable development that promises to fulfil the growing need without compromising the resource availability for the future generation. Sustainable agriculture has gained its importance in the last one decade, although it has been practiced in many countries for centuries. It is an integration of many co-sectors that take into account the optimum use of bioresources and biotechnology, impacting bioeconomy at large.

In recent years the field of agriculture has reformed, and farmers are growing crops that are high yielding, disease resistant, pest resistant and salt tolerant. On one hand, this has helped to increase the yield substantially but on the other, it has also resulted in pollution and depletion of water resources, soil fertility, and over exploitation of natural resources. The present conference has been envisioned to discuss strategies and approaches for the judicious use of bioresources and the role of biotechnology in sustainable agriculture and bioeconomy.

The objectives of sustainable agriculture are to integrate three components: a healthy environment, economic profitability, and social and economic equity. This will involve active participation of growers, distributors, retailers, consumers and waste managers who play a major role in ensuring a sustainable agricultural system. In India, various agricultural and horticultural crops are grown that generate a huge amount of residual wastes. These bioresources can be used for production of various by-products. Advances in biotechnology research has allowed plant breeders to introduce economically important and beneficial traits in plants. Researchers are also attempting to use biotechnological approaches towards nutritional fortification of cereals, oilseeds and other food crops. The bioeconomy comprises those components of the economy that use renewable biological resources from land and sea to produce food, materials and energy. India, being one of the richest countries of the world in biodiversity, is uniquely positioned to harness the potential of bio-based economy. There is an urgent need to take appropriate measures to make India a bioresource-based economy that would help achieve economic and environmental sustainability in both rural and urban areas.

The conference aims to provide an opportunity to the participants to exchange their views and share their ideas for promoting sustainable use of bioresources, use of biotechnology in crop improvement and bioeconomy.

## THEMES OF THE CONFERENCE

- Bioresources and Biodiversity
- Plant Tissue Culture and Transgenic Technology
- Plants and Biotic stresses / Plant-Microbe Interactions
- Plant Genetics and Breeding
- Agri-product processing and Entrepreneurship
- Climate Change impact on Agriculture

## MANSAROVAR GLOBAL UNIVERSITY

Mansarovar Global University is established by Sri Sai Gramothan Samiti, Bhopal, Madhya Pradesh. The Society was founded in 1995 and has ever since been active in carrying out various projects and activities in rural and underprivileged belts to promote education and provide quality healthcare services. The Society has established range of educational institutions in the field of Dental, Ayurveda, Nursing Education and CBSE affiliated school. The Mansarovar Global University is yet another milestone in our unending journey in pursuit of excellence. MGU is Private University established by The Act of Madhya Pradesh Government and approved by the University Grants Commission. MGU currently runs courses in Faculty of Agricultural Sciences & Technology, Commerce & Finance, Management, Computer Science, Journalism and Mass Media, Science, Social Science & Humanities, Library Science and Arts and Design ([www.mguindia.com](http://www.mguindia.com)).

## PHSS FOUNDATION

The PHSS Foundation for Science and Society, Lucknow was established in the year 2002 in the memory of late Prof. H. S. Srivastava, a distinguished plant biologist. The Foundation is working for promotion of research, teaching and dissemination of science for the benefit of people in India and beyond. The Foundation also publishes an International Research Journal "Physiology and Molecular Biology of Plants" (PMBP:[www.springer.com/journal/12298](http://www.springer.com/journal/12298)). The Foundation is also publishes multilingual magazine Kahaar ([www.kahaar.in](http://www.kahaar.in)), confer biannual awards and work for rural development through its programmes. In addition, Foundation is also organising annual International/National Conferences and Young Scientist Conclave ([www.phssfoundation.org](http://www.phssfoundation.org)).

Office Bearers of PHSS Foundation :

President: Dr. P. K. Seth  
Vice Presidents: Dr. N. Raghuram, Prof. Madhoolika Agrawal,  
Dr. R.D. Tripathi  
Secretary General: Prof. Rana Pratap Singh

## ABOUT BHOPAL

Bhopal, capital city of Madhya Pradesh, is known as city of lakes. Founded by Raja Bhoj, the city has many natural and artificial lakes and it is one of the greenest cities in the country. The main cultural center of Bhopal is Bharat Bhavan. The State Museum has fossils, paintings and rare Jain sculptures. Taj-ul-Masjid is one of Asia's largest mosques, with white domes, and minarets. Van Vihar National Park, located in the middle of the city, has many species of animals living in their natural habitat. A large number of institutes of national importance have been established in Bhopal. Climate of Bhopal in pleasant in the month of November.

## HOW TO REACH BHOPAL

Bhopal is well connected by road, rail and air with major cities of India. It is also close to tourist places like Bhimbetka, Sanchi and Ujjain. Pre-paid and shared taxis are available outside the airport and railway stations.

## REGISTRATION FEE

Indian Participants :

With shared Hotel/Guest House Accommodation [Twin Basis]	₹6,500/-
Accompanying Person	₹2,500/-
Without Accommodation	₹3,500/-
Research Scholars	₹2,500/-

Foreign Participants : US\$150

Registered delegates will be entitled to Conference Kit, Lunch during Conference days and Certificate of Participation.

## ACCOMMODATION

Registration fee does not include accommodation. Participants have to make their own arrangement. Hotel accommodation may be arranged after receiving advance payment.

## MODE OF PAYMENT

Registration charges are to be paid to the Mansarovar Global University through RTGS/NEFT. Online transaction to be made to:  
**AXIS BANK LTD., Kolar Road Branch, Bhopal-462042;**  
Account Number : **918020097678391**, IFSC Code : **UTIB0001933**  
A copy of the Bank receipt should be mailed to the Conference Secretary ([conference@mguindia.com](mailto:conference@mguindia.com))