



# 9<sup>th</sup> CONFERENCE OF The Indian Science Congress Association (HARIDWAR CHAPTER)



on  
“FUTURE INDIA: SCIENCE AND TECHNOLOGY”

OCTOBER 13-14, 2018

HOSTED BY

Department of Biological Sciences, CBSH

G.B. Pant University of Agriculture & Technology, Pantnagar, US Nagar, Uttarakhand



**AIMS & OBJECTIVES:** The 9<sup>th</sup> Conference of *The Indian Science Congress Association (HARIDWAR CHAPTER)* on “FUTURE INDIA: SCIENCE AND TECHNOLOGY” aims to provide an opportunity for interaction amongst researchers in different fields of sciences and their applications in various fields of knowledge to promote interdisciplinary research for the betterment of society.

### THE INDIAN SCIENCE CONGRESS ASSOCIATION (ISCA)

The Indian Science Congress Association (ISCA) was established 102 years back for propagation of cause of Science. It has 14 sections related to different branches of Science. ISCA, owes its origin to the foresight and initiative of two British Indian Chemists, namely Professor J. L. Simonsen and Professor P. S. Mac Mohan. The first meeting of the congress was held from January 15 to 17, 1914 at the premises of the Asiatic Society, Calcutta. The Association was formed with following objectives:

- ❖ To advance and promote the cause of Science in India
- ❖ To hold an annual congress at a suitable place in India
- ❖ To publish proceedings, journals, transactions etc.
- ❖ To popularize Science

**ABOUT THE HOST INSTITUTION:** In 1960, the first agricultural university of India, UP Agricultural University, came into being by an Act of legislation, UP Act XI-V of 1958. The University was rechristened as Govind Ballabh Pant University of Agriculture and Technology keeping in view the contributions of Pt. Govind Ballabh Pant, the then Chief Minister of UP. The University was dedicated to the Nation by the first Prime Minister of India Pt Jawaharlal Nehru on 17 November 1960.

The G.B. Pant University is a symbol of successful partnership between India and the United States. The establishment of this university brought about a revolution in agricultural education, research and extension. It paved the way for setting up of 31 other agricultural universities in the country.

University has various colleges namely College of Basic Sciences and Humanities, College of Agriculture, College of Agribusiness Management, College of Fisheries, College of Home Science, College of Technology and College of Veterinary and Animal Sciences.

The main campus lies in Udham Singh Nagar district of Uttarakhand at 29° N latitude and 79° E longitude at an elevation of 243.8 m above the mean sea level. This main campus has the area responsibility for the entire Uttarakhand representing plains, Tarai, Bhabar and hill areas. There are 763 teachers and officers, 59 technical staff, 631 administrative and ministerial personnel and 1425 class III employees, amounting to a total strength of 2878. The number of students in the University ranges between 4200-4400. Thus, the teacher taught ratio is about 1:6.

Weather in October will be pleasant and temperature may vary between 32-34°C during day and 19-20 °C at night. Cotton cloths are suggested.

**ABOUT THE DEPARTMENT:** The Department of Biological Sciences is one the oldest departments of University and is engaged in teaching and research in the area of plant sciences and offers degree in Botany at masters and Ph.D. level.

The Department has got excellent infrastructure in the areas of Rhizosphere Biology, plant diversity, taxonomy and tissue culture etc. It has several national and international fundings from different sources of India and abroad.

### REGISTRATION FEE

Deadline for Early Registration	Participants from India	Faculty/Scientists		Students	
		Members of ISCA Haridwar Chapter	Non-Members	Members	Non-Members
		Rs. 1500=00	Rs. 2000=00	Rs. 1000=00	Rs. 1500=00
15th September, 2018	Participants from other countries	\$ 100		\$75	

**Accommodation:** Accommodation will be provided to delegates on payment basis in the university guest houses. Charges: 700/- in Lambert Square, Rs. 500/- per room in IGH, T&V – 250/-, Farmers’ hostel – 200/- per room, Rs. 30/- per person in dormitory.

Registration fee can be paid in Cash/Demand Draft in favour of “Organizing Secretary ISCAHW 2018” payable at Pantnagar or through Online payment (Details will be notified soon.)

**Venue:** Biological Sciences, CBSH, Pantnagar

### OFFICIALS OF ISCA

Prof. Manoj Kumar Chakrabarti	General President
Prof. Achyuta Samanta	Immediate Past President
Prof. K. S. Rangappa	General President (Elect)
Prof. A. K. Saxena	Past President
Prof. Gangadhar	General Secretary (Membership Affairs)
Prof. Premendu P. Mathur	General Secretary (Scientific Activities)
Prof. Ranjit Kumar Verma	Treasurer

### NATIONAL ADVISORY COMMITTEE

Prof. A. B. Malkani	Nainital
Prof. A.K. Pant	Pantnagar
Prof. A.K. Prasad	Delhi
Prof. Anil Bashistha	Kurukshetra
Prof. Arun Kumar	Manipur
Prof. B. D. Joshi	Haridwar
Prof. C. S. Mathela	Nainital
Prof. H. P. Tiwari	Allahabad
Prof. K.P. Singh	Hisar
Prof. K. S. Dhindsa	Kurukshetra
Prof. K. S. Gupta	Jaipur
Prof. Kaman Singh	Lucknow
Prof. M. C. Joshi	Nainital
Prof. M. K. Jha	Jamshedpur
Prof. M.P.S. Ishar	Bhatinda
Prof. M. S. Rawat	Srinagar
Prof. Preeti Kumar Roy	Jadavpur
Prof. R. K. Soni	Meerut
Prof. R. M. Mehra	Delhi
Prof. R. N. Yadav	Sagar
Prof. Rajeev Jain	Gwalior
Prof. S. K. Pandey	Jammu
Prof. S. P. Singh	Kurukshetra
Prof. U C Gairola	Pauri
Prof. Vinod Kumar	Kurukshetra

### ISCA: HARIDWAR CHAPTER COMMITTEE

<b>Convener:</b>	Prof. R. D. Kaushik
<b>Treasurer:</b>	Dr. Sanjeev Lamba
<b>Members:</b>	Prof. Anjali Goel
	Prof. L. P. Purohit
	Dr. Jaspal Singh

### ORGANIZING COMMITTEE

**Chief Patron:** Prof. A.K. Mishra, **Vice-Chancellor**, GBPUAT, Pantnagar  
**Patron:** Dr. A.K. Shukla, Dean, CBSH, GBPUAT, Pantnagar  
**Prof. P.B. Rao**, Head, Dept. of Biological Sciences, GBPUAT, Pantnagar  
**Convener:** Prof. A.K. Sharma, Dept. of Biological Sciences, GBPUAT, Pantnagar  
**Co-Convener:** Prof. Sundip Kumar, Dept. of MBGE, GBPUAT, Pantnagar  
**Organizing Secretary:** Prof. Preeti Chaturvedi, Dept. of Biological Sciences  
**Academic Secretary:** Dr. D.S. Rawat, Dept. of Biological Sciences

### LOCAL HOSPITALITY

Deadline for registration, submission of abstracts and fee is 15<sup>th</sup> September, 2018. Registration fee includes conference kit, breakfast, lunch and dinner during conference days. Accompanying person will be charged Rs. 1000/- which excludes registration kit. On spot registration is regretted.

### SUBMISSION OF PAPERS

Abstract of the research papers intended for presentation should be submitted electronically as a **MS-Word** file (font size 12, Times New Roman, line spacing 1.5. to Organising Secretary on email-iscagbpuat@gmail.com latest by **September 15, 2018**. The abstract, restricted to maximum 500 words, must contain the title of the paper, name(s) of the author(s) with affiliation(s) and email-id(s). The name of the presenting author must be underlined.

### ACCESS TO PANTNAGAR

Pantnagar is about 250 kilometers from Delhi, 256 km from Dehradun, 360 kilometers from Lucknow. It is connected to the rest of world by roadways (nearest bus stop are Rudrapur, Pantnagar and Nagla), railways (nearest railway stations are Haldi Road, Pantnagar, Lalkaun) and airways (nearest airport is Pantnagar).

### CORRESPONDENCE

Organizing Secretary: Department of Biological Sciences, CBSH, G.B. Pant University of Agriculture & Technology, US Nagar, 263145, India. *Email:* [iscagbpuat@gmail.com](mailto:iscagbpuat@gmail.com)

For details see the webpage : [www.gbpuat.ac.in](http://www.gbpuat.ac.in)

**TECHNICAL SESSIONS**

Preliminary Program

Program details will be added as they become available.

Saturday 13 October, 2018

9.00 AM – 10.00 AM Inaugural Session

10.00 AM – 10.45 AM Keynote address

10.45-11.15AM – High Tea

**Technical Sessions**

**Natural Sciences**

- Physics
- Chemistry
- Statistics
- Geology
- Mathematics and Computer Sciences

**Life Sciences**

- Botany
- Zoology
- Environmental Sciences
- Biotechnology
- Microbiology
- Biochemistry
- Agriculture
- Veterinary
- Medical Sciences

**Engineering Sciences**

**ADVISORY COMMITTEE**

- Dean, Agriculture
- Dean, Home Science
- Dean, Veterinary Sciences
- Dean, College of Basic Sciences and Humanities
- Dean, Technology
- Dean, Fisheries
- Dean, Post Graduate Studies

**LOCAL ADVISORY COMMITTEE**

- Prof. Reeta Goel
- Prof. Sanjiv Agarwal
- Prof. A.K. Gaur
- Prof. Atul Kumar
- Prof. JPN Rai
- Prof. R.C. Srivastava
- Prof. MGH Zaidi
- Prof. P.S. Bisht
- Prof. S. B. Singh
- Prof. A.P. Sharma
- Prof. Malabica Das
- Prof. Ranjan K. Srivastava
- Prof. D.S. Pandey
- Prof. Salil Tiwari
- Prof. P.C. Srivastava
- Prof. Gyanendra Sharma
- Prof. Karuna Vishunavat
- Prof. Pramod Mall
- Dr. Rajesh
- Dr. Mumtesh Saksena
- Dr. Manjul Kandpal
- Dr. Prakash Bhatt
- Dr. Deepak Tripathi
- Dr. Durgesh Yadav

**Awards**  
Best oral presentation paper and poster awards will be given as per evaluation committee recommendations

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ON

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**Registration Form**

Name : Mr./Ms./Dr./Prof. ....

Male/Female: ..... DOB: .....

Designation: .....

Affiliation/Organization:.....

.....

Department.....

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Address for correspondence:

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Telephone: (O) ..... (R).....

.....(Mobile).....

E-mail:

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Do you intend to present a paper Yes/No:

.....

Type of Presentation: *Oral/Poster*.....

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Title of Presentation:.....

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Theme area.....

Registration Fee:

Rs.....

Demand Draft No. and Date:

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Name of the Bank:

.....

Branch.....

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Accommodation required: Yes/No

.....

Date and Time of Arrival:

.....

Flight/Train Name:

..... No.

.....

Date and Time of Departure:

.....

.....

Flight/Train Name:

..... No.

.....

Place:

Date :

Signature

Note: This form along with Registration Fee to be sent to the Organizing Secretary, ISCAHW-2018, Department of Biological Sciences, CBSH, G.B. Pant University of Agriculture and Technology, Pantnagar, India. You may also send the signed scanned copy of the registration form by email to [iscagbpuat@gmail.com](mailto:iscagbpuat@gmail.com)