



# National Conference on Multidisciplinary Approaches of Plant Sciences



## 28<sup>th</sup> APSI Scientist Meet

29<sup>th</sup> to 31<sup>st</sup> October 2018



Organized by

**Department of Botany**

Dolphin (PG) Institute of Biomedical & Natural Sciences,  
Dehradun- 248007 (Uttarakhand)

In Collaboration with

**Academy of Plant Sciences, India**

Muzzafarnagar - 251 001 (UP)

## Invitation

Dolphin (PG) Institute of Biomedical & Natural Sciences, Manduwala, Dehradun, Uttarakhand, India and Academy of Plant Sciences, India (APSI) cordially invites you to participate & register for 28th APSI Scientist Meet 2018 and National Conference on "Multidisciplinary Approaches of Plant Sciences" to be organized from 29th to 31st October, 2018 at Department of Botany, DIBNS, Dehradun, UK. The seminar will emphasize on all disciplines of Applied and Basic Plant Science and provide an excellent platform to eminent scientist, researchers and students of concern subject.

## Objectives of the Conference

The major objective of this conference is to provide a common platform, an opportunity for young researchers, faculties & post graduate students of concerned area to interact with senior scientists, experienced prof. to exchange their views, ideas in the field of applied & basic plant sciences and multidisciplinary approach such as Plant Biotechnology, Agri-biotech., Phytochemistry, Molecular Biology, Plants for health, NRM, Biodiversity conservation, Plant ecology, EIA, Climate change & also to make possible scientific collaborations with them; with respect to emerging ideas and innovative technologies. The conference will also provide guidelines to decision makers for effective policy framework and sustainable development of the state in view of economic benefits and availability of resources by judicious use of the natural resources.

## Thrust areas of the conference

Plant Taxonomy (classical & modern)	Lower plants (structural variations and interrelationship in phylogeny)
Plant-Microbial Interaction	Agri-biotechnology
Plants for Human Health	Plant Biochemistry
Plant Biotechnology	Restoration Ecology
Plant Molecular Biology	Plant-Environment Interaction (EIA and Climate Change)
Phytochemistry	
Biodiversity conservation	

## Targeted Participants

**A. Students:** M.Sc. Botany, M.Sc. Forestry, M.Sc. Zoology, M.Sc. Biotech., M.Sc. Biochemi., M.Sc. Microb., M.Sc. Life Science, B.Sc. Biotech., B.Sc. Forestry, B.Tech.

**B. Faculties and Scientists :** Central Universities, State Universities, Research Institutions, Academic Institutions, Training Institutes, PG Colleges.

## Eminent Speakers

1. Prof. R.S. Tripathi, Former Professor & Head Botany Deptt., NEHU Shillong Meghalaya.
2. Dr. Ashwani Kumar, IFS, Former DG-ICFRE, FRI Dehradun, U.K.
3. Dr. C.S. Nautiyal, V.C. Doon University, Dehradun, U.K.
4. Prof. R.D. Gaur, Former Dean Life Science, HNBGU, Srinagar, Garhwal, U.K.
5. Dr. H.B. Vashistha, Former Scientist, Ecology & Envi. Divi., FRI, D.Dun, U.K.
6. Dr. S.P.S. Kushwaha, Former Scientist & Head, Forestry & Ecology, IIRS, D.Dun
7. Dr. N.S.K. Harsh, Former Head, Forest Pathology Division, FRI, D.Dun, U.K.
8. Dr. Bajrang Singh, Former Head, Restoration Ecology Divi., NBRI, Lucknow, U.P.
9. Prof. Y.K. Sharma, Former Head, Deptt. of Botany, University of Lucknow, U.P.
10. Dr. Kamlesh Kumar, Professor of Botany, Varanasi, U.P.
11. Dr. Amit Pandey, Head, Forest Pathology Division, F.R.I., Dehradun, U.K.
12. Dr. Kumar Ambrish, Scientist & Deputy Director BSI NC, Dehradun, U.K.

13. Dr. D.P. Dobhal, Scientist, Wadia Institute of Himalayan Research, D.Dun, U.K.
14. Dr. A.K. Raina, Former Head, Forest Soil & Land Reclamation Divi. FRI, D.Dun.
15. Dr. Ajay Thakur, OIC Tissue Culture, Genetics & Tree Prop. Divi., FRI, D.Dun
16. Prof. P. Kaushik, Former HOD, Microbiology, G.K.U., Haridwar, U.K.
17. Prof. Kusum Arunachalam, NRM & Evn. Sci. Divi., Doon Univ., D.Dun, U.K.
18. Dr. Puneet Kumar, Scientist, Cytogenetics Department, BSI NC, Dehradun, U.K.
19. Dr. Vinod Bhatt, Scientist, NAVDANYA-NGO, Selaquie, Dehradun, U.K.

### About Dolphin Institute

The Dolphin (PG) Institute is spread over on 07 acres of pure lush green belt in the outskirts of Dehra Dun and surrounded by a thick forest cover. The Institute is affiliated to H.N.B. Garhwal Central University, Srinagar, Uttarakhand and is accredited by UGC-NAAC. It is also approved and recognized by the State Govt. of Uttarakhand. The Institute is approved by Indian Association of Physiotherapists (IAP) Mumbai & National Council for Teachers Education (NCTE), Jaipur. Dolphin Institute offers a large number of job/career oriented UGC approved courses in the field of Physiotherapy, Medical Lab Technology, Microbiology, Medical Microbiology, Botany, Zoology, Agriculture, Horticulture, Biotechnology, Industrial Biotechnology, Biochemistry, Pharmaceutical Chemistry, Chemistry, Forestry, Physics, Education & Commerce. The institute is committed for providing quality education to the young students and to develop them as professionals in biomedical and natural sciences.

### About Academy of Plant Sciences

Academy of Plant Sciences established in 1987 is an autonomous Non-Government Organization open to everyone who has a scientific interest and inclination in the field of Plant Sciences, Agriculture, Forestry, Environment, Environmental Pollution. Its Journal "Advances in Plant Sciences an International Journal" (2.9 - NAAS Score, UCG Approved Journal 2017) focuses on the objective to promote and popularize Plant Sciences among the masses.

### About Department of Botany

The department of Botany at Dolphin Institute offers 2 years PG programme in Botany. The course content includes Mycology, Microbiology, Phycology, Bryology, Pteridology, Gymnosperms, Palaeobotany, Taxonomy & Diversity of Flowering plants, Plant development & reproductive biology, Resource utilization, IPR, Ethnobotany, Cytogenetics, Molecular biology, Plant breeding & biostatistics, Plant physiology & Biochemistry, Ecology and Remote sensing, RDT, Forest Ecology, Plant Health Management, Conservation Biology, Biotechnology, Genetic engineering, Applied plant anatomy, Seed pathology, Env. Mang. with reference to Western Himalaya & Dissertation. PG degree in the subject makes the person eligible to opt for a career in teaching or to take up research work in any prominent Univ. Besides, one can join any reputed organization as environment consultants, plant explorers, ecologists, conservationists, taxonomist, horticulturist, genetics & plant biochemist, etc.

### About Dehradun

Located on the foothills of the Himalayas, the Doon Valley is nestled between two mightiest rivers-the Ganga on the east and the Yamuna on the west. Dehradun is famous for its picturesque landscape and is a gateway to the surrounding region. It is well connected to popular tourist destinations such as Mussoorie, Haridwar & Rishikesh. The weather of Dehradun during October is pleasant, while the mornings/the nights are cool and therefore light woollens are suggested.

## Award and Appreciation Certificates

APSI will honour 11 Scientists by Award and Citations for their outstanding contribution in Plant Sciences. Kindly apply if interested before 15th September, 2018 to Prof. S.K. Gupta, Secretary, APSI, 108, Pacific Height, Near PAC, Roorkee Road, Meerut-250001, UP, India.

Chief Patron	: Shri Arvind Gupta, Chairman
Patron	: Dr. Shailja Pant, Principal
Patron	: Dr. Arun Kumar, Director
Patron	: Smt. Aarti Gupta, OSD

## Organizing Committee

Organizing Secretary	: Dr. K. P. Tripathi, Associate Professor & Head Botany
Member	: Dr. Vidit Tyagi, Associate Professor, Botany
Member	: Dr. A.K. Pundir, Assistant Professor, Botany
Member	: Ms. Prerana Bahuguna, Asstt. Prof. Env. Sci.
Member	: Prof. P. Kaushik, President APSI
Coordinator	: Dr. S.K. Gupta, Secretary APSI

## Technical Committee

Dr. H.B. Vashistha, Former Sci. & Head, Ecology & Envi. Div., FRI, Dehradun, U.K.  
Dr. S.P.S. Kushwaha, Former Group Director-PPEG, Head Forestry & Ecol., IIRS, D.Dun  
Dr. Puneet Kumar, Scientist, Cytogenetics Department, BSI NC, Dehradun, U.K.  
Dr. D.P. Dobhal, Scientist, Wadia Institute of Himalayan Research, Dehradun, U.K.

## National Advisory Committee

Prof. S.P. Singh, Former V.C. HNBGU (A Central University), Srinagar, Garhwal, U.K.  
Prof. R.S. Tripathi, Former Emeritus Prof., Head Botany, NEHU Shillong Meghalaya.  
Prof. A.B. Bhatt, Former V.C. HNBGU (A Central University) Srinagar, Garhwal, U.K.  
Prof. C.M. Sharma, V.C. Horticulture and Forestry University, Bharsar, U.K.  
Prof. A.R. Nautiyal, Dean Agri. Sci, HNBGU (A Central Univ.) Srinagar, Garhwal, U.K.  
Prof. N.S. Bistha, Former Head, Botany Deptt., HNBGU, Srinagar, Garhwal, U.K.  
Prof. D.P. Vashistha, Head Botany Deptt. HNBGU, Srinagar, Garhwal, U.K.  
Prof. J.K. Tiwari, Department of Botany, HNBGU, Srinagar, Garhwal, U.K.  
Prof. Y.S. Rawat, COE, Department of Botany, Kumayun University, Nainital, U.K.  
Prof. Neerja Pandey, HOD Botany, Kumayun University, Nainital, U.K.  
Prof. P.N. Sharma, Former Prof., Department of Botany, Univ. of Lucknow, U.P.  
Prof. Y.K. Sharma, Former Head, Deptt. of Botany, University of Lucknow, U.P.  
Dr. D.K. Upreti, Former Scientist & Head, Lichenology Divi., NBRI, Lucknow, U.P.  
Dr. A.D. Pathak, Scientist In charge, Sugarcane Res. Institute (ICAR), Lucknow, U.P.  
Prof. Kamlesh Kumar, Former Professor of Botany, Varanasi, U.P.  
Prof. S.K. Katiyar, Department of Botany, Govt. PG College, Tanakpur, U.K.  
Prof. G.S. Rajwar, Principal, Govt. P.G. College, Agastyamuni, Rudraprayag, U.K.  
Dr. Praphulla Soni, Former Head, Restoration and Land Recl. Divi., FRI, D.Dun, U.K.  
Prof. Dinesh Singh, Former Vice Principal, SGRR Degree College, Dehradun, U.K.  
Prof. Surya Prakash, National Institute of Disaster Management, New Delhi.  
Prof. P. Kaushik, Former HOD Microbiology, G.K.U. Haridwar, U.K.  
Dr. S.K. Gupta, Former Principal, DAV College, Muzaffarnagar, U.P.

## Contact Information

All correspondence may please be addressed to:

### Dr. K. P. Tripathi

HOD Botany & Organizing Secretary Conference 2018

Department of Botany

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Mob.: 91-9568011293, Fax: 07505926660

E-mail: tripathikp2001@rediffmail.com, Website: www.dolphininstitute.in

## Venue of the Seminar

The conference will be held at Conference Hall of the Dolphin (PG) Institute of Biomedical and Natural Sciences, Manduwala, Dehradun. The Dolphin Institute campus is located in Manduwala on Dehradun-Chakarata Highway, nearby to Sudhawal, about 15 kms from the Inter State Bus Terminal (ISBT) and Dehradun Railway station of the city of Dehradun.

## Call for Abstract

Authors are requested to submit abstract (300 words) through an email to tripathikp2001@rediffmail.com in latest by 30<sup>th</sup> September, 2018. The abstract should be typed in MS word, Times New Roman, 12 point size and 1.5 line spacing. The recommended poster size shall be 120 x 100 cm.

## Registration Fee (in ₹)

	Early Bird (30.09.2018)	Late Registration (upto 15.10.2018)
Teachers/Scientist/Corporate	3,000/-	3,500/-
Research Scholars	2,500/-	3,000/-
Students	1,000/-	1,500/-
Accompanying Person	1000/-	1,500/-

(Note: Registration fee includes registration kit, breakfast, lunch, dinner, tea/snacks during conference)

Registration fee is to be paid as Demand Draft in favour of "Principal Dolphin (PG) Institute of Biomedical and Natural Sciences" payable at Dehradun. Duly filled registration form along with registration fee may be sent to the following address:

### Dr. K. P. Tripathi

Organizing Secretary, Conference 2018,

Department of Botany

Dolphin (PG) Institute of Biomedical and Natural Sciences, Manduwala, Near  
Sudhawal, Chakrata Road, Dehradun-248007 (UK), India.

## Accommodation

Faculty/Scientist/Corporate ₹ 1,000/day on sharing basis accommodation and  
Students in Girls/Boys Hostel ₹ 500/day on sharing basis accommodation.

## Post Conference Tour

Participants can opt to visit these nearby places on 31.10.2018.

Option 1. Asan Wetland Conservation Reserve, Dhalipur, Dehradun.

Option 2. FRI and Sahshradhara, Sahshradhara road, Dehradun.

Option 3. Mussoorie Hills, Mussoorie Dehradun.

# National Conference on Multidisciplinary Approaches of Plant Sciences

(29<sup>th</sup> to 31<sup>st</sup> October, 2018)

## Registration Form

Delegate  Please Tick paper presentation (Plenary/Invited/Oral/Poster)

Name (Prof./Dr./Mr./Ms.) \_\_\_\_\_

Category (*Student/Faculty/Scientist/Corporate*) \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

E-mail: \_\_\_\_\_ Cell No. \_\_\_\_\_

Title of the Paper: \_\_\_\_\_

\_\_\_\_\_

Name of Accompanying Person, if any: \_\_\_\_\_

Date and Mode of Arrival: \_\_\_\_\_

Departure: \_\_\_\_\_

Accommodation required: Yes/No

Optional Tour (on Payment basis): Yes / No

Registration Fee ₹ \_\_\_\_\_ (Faculty/Scientist/Corporate/Scholar/  
Student/Accompanee)

Demand Draft/UTR No.: \_\_\_\_\_ Date \_\_\_\_\_

(DD Details: Principal, Dolphin (PG) Institute,

For Online Payment:

**Account No.** 1101002100002121 and **IFS Code:** PUNB0110100),

Branch: PNB Bhauwala, Dehradun.

(Signature of Participant)