#### REGISTRATION FEE: (WITHOUT ACCOMMODATION)

Delegates	Upto 15 <sup>th</sup> Sept. 15	After 15 <sup>th</sup> Sept. 15
1. Scientists/Academicians	Rs. 2500/-	Rs. 3500/
2. Accompanying Person	Rs. 2500/-	Rs. 3500/-
3. Delegates from Industry	Rs. 3500/	Rs. 4500/-
4. Students	Rs. 2000/-	Rs. 2500/-

#### REGISTRATION FEE: (WITH ACCOMMODATION)

Delegates	Upto 15 <sup>th</sup> Sept.15	After 15 <sup>th</sup> Sept. 15
1. Scientists/Academicians	Rs. 4000/-	Rs. 5000/-
2. Accompanying Person	Rs. 4000/-	Rs. 5000/-
3. Delegates from Industry	Rs. 6500/-	Rs. 7000/-
4. Students	Rs. 3000/-	Rs. 4000/-

Research scholars must submit a certificate of status from their Head of the Department. Research Associate and Post Doctoral Fellow will come under category 1.

# MODES OF PAYMENTS

All outstation Delegates should pay by Demand Drafts drawn in favour of "Organising Secretary, All India Botanical Conference" payable at Jaipur or Online Bank Transfer to SB A/c no. 674701701133

ICICI Bank Ltd., Branch-Bapu Nagar, Jaipur RTGS/NEFT: ICIC0006747

MICR: 302229018

Send a copy of Registration form along with Copy of Money Transfer Receipt of Bank/Copy of DD/Copy of cheque through Email to **ibsconference2015@gmail.com** and also post it to: **Prof. Kailash Agrawal,** Organising Secretary, IBS Conference 2015 & Head, Department of Botany, University of Rajasthan, Jaipur-302 004 latest by 15<sup>th</sup> Sept., 2015.

Local delegates can pay registration fees by at par cheque/DDs.

For accommodation query please email to:

ibs15accomodation@gmail.com

#### ACCOMMODATION

Attempt will be made to accommodate the delegates in the University and other guest houses on shared basis. Hotel accommodation will be provided only on request after extra payment of actual room rent.

# **IBS OFFICE BEARERS**

Prof. A.K. Bhatnagar (President, IBS) Prof. V.P. Singh (Secretary, IBS) Prof. Y. Vimala (Chief Editor, JIBS) Dr. Alok Shrivastava (Treasurer, IBS)

#### NATIONAL ADVISORY COMMITTEE

Prof. M.S. Swaminathan, Chennai Prof. C.V. Subramaniam, Chennai Prof. S.N. Chaturvedi, Agra

Prof. H.Y. Mohan Ram, New Delhi

Prof. A.K. Sharma, Kolkata Prof. S.V.S. Chauhan, Agra

Prof. P.C. Trivedi, Jaipur

Prof. A.K. Bhatnagar, New Delhi

Prof. U.C. Lavania, Lucknow

Prof. S. Lavania, Lucknow

Prof. T. Pullaiah, Anantpur

Prof. Arun Arya, Vadodara

Prof. R.M.Pai, Aurangabad

Prof. K.S.Manilal, Calicut

Prof. S.M. Reddy, Warangal

Prof. C.P. Malik, Jaipur

Prof. Sanjaya Deshmukh, Mumbai

Prof. Paramjit Singh, Kolkata

Prof. R.S. Tripathi, Lucknow

Prof. H.N. Verma, Jaipur

Prof. D.K. Maheshwari, Haridwar

Prof. R.H. Shete, Mumbai

Prof. Akhtar Haseeb, Faizabad

#### ORGANISING COMMITTEE

#### **PATRON**

Shri J.P. Singhal

Hon'ble Vice Chancellor, University of Rajasthan

#### Organising Secretary

Prof. Kailash Agrawal Head, Department of Botany

#### **Co-Organising Secretary**

Dr. Manju Sharma

#### Treasurer

Dr. Rekha Vijayvergia

### **It. Organising Secretaries:**

Dr. Soumana Datta Dr. Ram Avtar Sharma Dr. Payal Lodha Dr. Vidya Patni

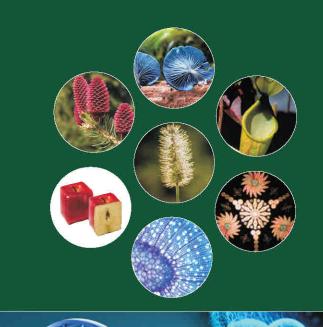
# **Executive Members:**

Prof. Meenakshi Sharma Dr. Manjula K. Saxena Dr. Usha Jain Dr. R.D. Agrawal Dr. Shikha Roy Dr. D.V. Rao Dr. G.P. Singh Dr. Sumita Kachhwaha

# MEMBERS

Ms. Shikha Gupta
Dr. Gunjan Dubey
Dr. Preeti Mishra
Dr. Chandra Pal Singh
Dr. Amit Kotiya
Dr. N.S. Chaudhary
Mr. Indu Singh Sankhla
Ms. Deepika Gunpal
Mr. Jai Singh
Dr. Praveen Mohil
Mr. Manmohan Arya

Dr. Anil Kumar
Dr. Praveen Soni
Ms. Priya
Mrs. Prakash
Mrs. Lalita
Dr. Poonam Meena
Mr. Vinay Kumar Meena
Dr. Rishikesh Meena
Mrs. Archana Meena
Dr. Bindu Sharma
Dr. Aparna Pareek
Dr. Neelam Poonar





# **Department of Botany**

University of Rajasthan JLN Marg, Jaipur 302004 Rajasthan, INDIA

Phone: +91 141-2711654 Mobile no.: +91 9521279279 Email: ibsconference2015@gmail.com Website: www.uniraj.ac.in





# XXXVIII All India Conference of

# THE INDIAN BOTANICAL SOCIETY

&

# NATIONAL SYMPOSIUM

ON

"EMERGING TRENDS IN PLANT SCIENCES"

October 26-28, 2015



Organised by:

Department of Botany
University of Rajasthan
Jaipur 302 004

#### DEAR FELLOW BOTANISTS,

You will be pleased to know that the 38<sup>th</sup> All India Conference of the Indian Botanical Society will be held in Jaipur (Rajasthan) under the Presidentship of Prof. A.K. Bhatnagar (Delhi) during October 26-28, 2015 at Department of Botany, University of Rajasthan, Jaipur. It is a matter of great pleasure to invite all IBS members to participate in the scientific sessions, symposia, poster presentations and other activities of the conference for a free exchange of views and scientific interaction.

#### ABOUT THE NATIONAL SYMPOSIUM

Plants significantly impact our everyday lives and will become increasingly important to meet emerging societal needs. Our knowledge in plant science allows us to enhance world food supplies, improve the nutritional value of crops, reduce environmental pollution, manage invasive species, preserve biodiversity, enhance the landscape, and develop new products. From the development of various vaccines to Genetically Modified Crops, Tissue Culture, Ayurveda, Homeopathy, Naturopathy, India has proved time and again that its Science and Technology is superior to many other countries. Hence, the products suited to Indian needs can be designed and developed if indigenization is done in innovation by us, bring sustained progress in our country with the 'Make in India" theme. In view of these, a National Symposium on "Emerging Trends in Plant Sciences" is being organised to examine the latest platform and technologies suitable for innovative and indigenous progress in Plant Sciences.

**Venue:** Jaipur, the pink city known for its rich heritage, culture and architecture is very well connected by rail and road to all cities and by air to major cities. The Department of Botany, University of Rajasthan, Jaipur is one of the largest and oldest departments of Botany in the country and is well known nationally and internationally.

# **UNIVERSITY OF RAJASTHAN**

The University of Rajasthan is the oldest institution of higher learning in Rajasthan. It was established on 8<sup>th</sup> January, 1947 as the University of Rajputana. In the year 1956, it was renamed as the University of Rajasthan, keeping intact its enveloping jurisdiction. Although with the successive creation of other universities, its affiliating jurisdiction has come down but it is still the hub of Higher Education in Rajasthan. It attracts students from all over Rajasthan and other parts of India and abroad. In 2012, the Hon'ble Prime Minister of India stated that "The University of Rajasthan leads among the top 50 Indian Scientific institutions in citations per paper under international collaboration" University of Rajasthan is a multi-faculty University and is recognized as University with Potential for Excellence.

#### ABOUT THE DEPARTMENT OF BOTANY

Established in 1960 at the erstwhile Jaswant College, Jodhpur, the Department was shifted to Rajasthan College, Jaipur in July 1963 and to its present building in August 1974. It is known for its pioneering work in the fields of

Mycology, Plant Pathology, Morphology and Embryology. Now it has established itself as a research centre in Experimental Morphogenesis, Plant Biotechnology, Nematology, Seed Pathology, Taxonomy, Ethnobotany, Phytochemistry, Plant Ecology, Cytogenetics and Developmental Botany. The Department has 16 different laboratories where basic and applied research is conducted. The Department has received generous financial support from UGC (DRS), and DST (FIST), in addition to support from UGC, CSIR, DST, DBT, ICAR, ICMR, Rockefeller Foundation, DAAD and other funding agencies. The faculty has been awarded prestigious fellowship including Fulbright, Rockefeller, European Commission, DAAD, DANIDA, AvHumboldt, DFG, National overseas Commonwealth, INSA, etc. Research students include NET qualified various fellowship holders, Post Doctoral fellows, Research Associates and Women Scientist awardees. The first phase of DST-FIST programme (2009-14) was completed successfully. UGC has approved SAP-DRS Phase II programme (2015-2020) to the Department.

The Department offers M.Sc. (Botany and Biotechnology) and Ph.D. programs and support research in all branches of Botany and allied areas.

#### THE INDIAN BOTANICAL SOCIETY

The Indian Botanical Society had its inception in a resolution passed by the Botany Section of the Indian Science Congress at Nagpur meeting in January, 1920. The society is working for organizing seminar and conference and publishes a research Journal. Currently its headquarter is based at Bareilly (U.P.)

#### **SCIENTIFIC PROGRAMME**

The three-day IBS-2015 conference will have, besides the Presidential Address, five medal award lectures, two special invited lectures, and several concurrent sessions for presentation of original research papers and posters in different sections of Botany. Members intending to participate should send a copy of full manuscript along with copies of illustrations and an abstract, not exceeding 150 words, on a separate sheet mentioning the Scientific section\* in which you want to present your paper to, Prof. V.P. SINGH, Secretary IBS, Pro-Vice Chancellor, Department of Plant Science, M.J.P. Rohilkhand University, Bareilly - 243006 (UP) by 15th September, 2015 through email at: singhvp03@yahoo.com. Also a copy of the abstract prepared in MS word in "Times New Roman" font 12pt. and 1.5 spacing be sent to Prof. Kailash Agrawal, Organizing Secretary, IBS Conference 2015 & Head, Department of Botany, University of Rajasthan, Jaipur-302 004, through email at: ibsconference2015@gmail.com.

Not more than two papers are allowed by any member. The paper received after 15<sup>th</sup> September, 2015, the abstracts not accompanied by full papers, or the papers sent by nonmembers or by those who have not paid membership dues for 2015 will not be considered. All authors of a paper must be the member of the Society. The abstract, if accepted after scrutiny, will be published in the book of abstracts of the Indian Botanical Society.

The **Oral presentation** will be restricted to 5-7 minutes followed by discussion. For **Poster presentation** 120×190 cm area will be provided.

The society award medals in honour of well known Botanist of our Country, namely Prof. Birbal Sahani Medal, Prof. P. Maheshwari Medal, Prof. V. Puri Medal, Prof. Y.S. Murty Medal. The first three medals are open and the latter (Prof. YS Murty medal) is restricted to the Members below 40 years of age. The society also awards Life Time Achievement Award to a distinguished senior botanist for the life time services to the society and botanical science. These awards are by nomination by The Executive Council & Medal Awardees of last 5 years.

In order to encourage young scientists below the age of 30 years\*\* as on 31<sup>st</sup> October, 2015, the society awards 'Certificate of Merit' and Medals instituted in honour of Senior Botanists (Prof. Jafar Nizam, Prof. Y.D. Tyagi, Prof. L.P. Mall, Prof. O.P. Mall, Prof. C.P. Malik, Prof. S.N. Chaturvedi, Prof. Y.S. Murty and Prof. H.C. Arya) for the Best Paper presented (if recommended by experts) in each section. The first and presenter author should not be above 30 years). At least three papers should be presented for the award of medal in each section. For the best poster presentation, Prof. K.S. Bilgrami Gold Medal (author below the age of 35 years) and Prof. S.N. Dixit Gold Medal will be awarded. No member shall be eligible to receive the certificate and/medal for a second time in the same section or in another section.

The same applies to the awards of the Society. Date of birth of each author/co-author must be given below his/her name, failing which the paper will not be considered for prize contest (only supervisor may be the co-author in the paper).

\*Please mention the section in which you wish to present your Papers.

\*\*A certified copy of the high school certificate for the verification of the age must be enclosed with the paper, while the original has to be produced at the time of paper presentation.

# YOUNG BOTANIST AWARD CONTEST

A separate section will be held for young botanists, below the age of 35 years as on 31<sup>st</sup> October, 2015\*\*, for presenting their paper in the section of the Young Botanist Award. Life members can submit full papers in triplicate for this contest by 15<sup>th</sup> September, 2015. These will be scrutinized by a committee and any 3 best selected papers will be allowed for presentation. Each participant will be given 20 minutes for paper presentation followed by 5 minutes for discussion. The best presentation shall get Young Botanist Award 2015. (Dr. M.S. Swaminathan Merit Certificate and Dr. Bahadur Singh Gold Medal).

# PROF. Y. S. MURTY MEMORIAL GOLD MEDAL

A medal will be awarded to an outstanding plant morphologist/taxonomist up to the age of 50 years as on 31<sup>st</sup> October,2015 or his/her research contributions in any group of plant kingdom. Nominations are invited along with detailed biodata, list of publications and reprints of 10 best papers published for evaluation by the committee constituted for the purpose. The last date of receipt of application is 15<sup>th</sup> September, 2015.

# PROF. S. V. S. CHAUHAN GOLD MEDAL

A medal will be awarded to an youngest participant up to the age of 25 years as on 31<sup>st</sup> October, 2015 who have presented his/her research paper in any group of plant kingdom. Life members can submit their paper (single authorship) for this contest by 15<sup>th</sup> September, 2015.

# MEDAL/AWARD FOR WOMEN SCIENTIST

There are separate medal/award for the Woman below the age of 50 years as on 31<sup>st</sup> October, 2015. An individual can submit their paper (single authorship) for this contest by 15<sup>th</sup> September, 2015.

#### 1. WOMAN SCIENTIST MEDAL:

A medal for Women Scientist up to the age of 50 years is instituted by the society to recognize lady botanists. Nominations are invited along with detailed biodata, list of publications and reprints of 10 best papers published for evaluation by committee constituted for the purpose. The last date of the receipt of the nominations is 15<sup>th</sup> September, 2015.

#### 2. WOMAN BOTANIST AWARD:

An award for Women Scientist up to the age of 50 years is instituted for the best paper presented during the conference. A separate section will be organized for the contest. The women scientists may submit their papers in triplicate. This will be scrutinized by a committee and a maximum of three best selected papers will be allowed for presentation. Each participant will be given 20 minutes for presentation followed by 5 minutes for discussion.

**3. Prof. S. C. Dixit cash prize** of Rs. 1000/- (for women candidates only) will be given for the best article published in the Journal of Indian Botanical Society (Vol. 93 (1-4) 2014).

#### SCIENTIFIC SECTIONS\*

- 1. Mycology, Microbiology, Plant Pathology including Seed Pathology.
- 2. Cryptogamic Botany (including Fossil Cryptogams).
- 3. Seed Plants (including Fossils), Anatomy, Reproductive Biology, Embryology including study of Seed and Fruit.
- 4. Taxonomy of Seed Plants, Floristic including Biodiversity, Economic Botany, Ethnobotany and Pharmacognosy.
- 5. Cell and Molecular Biology, Cytogenetics and Plant Breeding.
- $6. \quad Ecology, Phytogeography \ and \ Environmental \ Botany.$
- 7. Plant Physiology, Biochemistry and Pharmacology.
- 8. Morphogenesis, Plant Tissue Culture and Biotechnology.
- 9. Posters (All the sections).
- 10. Young Botanist Award/Woman Botanist Award\*
- \*Evidence for date of Birth is to be produced at the time of Conference, failing which no prize will be given.



#### XXXVIII All India Conference of THE INDIAN BOTANICAL SOCIETY & NATIONAL SYMPOSIUM ON



"EMERGING TRENDS IN PLANT SCIENCES" (October 26-28, 2015)

# REGISTRATION FORM

Name:
Male Female
IBS Membership no.: Life Annual
Designation:
Mailing Address:
Pincode
Mobile no.:
Tel. no. (with STD code):
E-mail:
Title of Paper:
Presentation Mode: Oral Poster Poster
Accommodation required: Yes No
Arrival Date Time
Train/Flight: Name/no.
Departure Date Time
Train/Flight: Name/no
Accompanying Persons:
Name 1:
Name 2:
I am enclosing herewith Rs to cover the Registration fe
by Demand Draft No. drawn on
Bank dated
Date Signature

#### Mode of Payments:

All outstation Delegates should pay by Demand Drafts drawn in favour of "Organising Secretary, All India Botanical Conference" payable at Jaipur or Online Bank Transfer to Bank

SBA/c no. 674701701133

ICICI Bank Ltd., Branch-Bapu Nagar, Jaipur

RTGS/NEFT: ICIC0006747 MICR 302229018

Send a copy of Registration form along with Copy of Money Transfer Receipt of Bank/Copy of DD/Copy of Cheque through Email to: ibsconference2015@gmail.com and also post it to: Prof. Kailash Agrawal, Organising Secretary, IBS Conference 2015 & Head, Department of Botany, University of Rajasthan, Jaipur 302 004.

Local delegates can pay registration fees by at par cheque/DDs.

For further accommodation query please email to: ibs15accomodation@gmail.com