



**NATIONAL CONFERENCE**  
on  
**Orchids Science and Commerce:  
Integration of Medicinal Orchids, Sustainable  
Development and Societal Benefits**  
&  
**Orchid Show**



**DATES**  
**VENUE**

February, 13-15, 2015  
Shri Mata Vaishno Devi University, Kakryal, Katra (J&K)

**ORGANISED BY**  
THE ORCHID SOCIETY OF INDIA (TOSI), DEPARTMENT OF BOTANY,  
PANJAB UNIVERSITY, CHANDIGARH – 160 014 (U.T.)

**JOINTLY WITH**  
SCHOOL OF BIOTECHNOLOGY,  
SHRI MATA VAISHNO DEVI (SMVD) UNIVERSITY,  
KAKRYAL, KATRA- 182 320 (J&K)

## INTRODUCTION

Orchids are the most evolved in the plant kingdom, these bear interesting, long lasting flowers with unmatched beauty and diverse shapes, sizes and colors. There are more than 1300 species in India, out of which 400 are endemic. They have always attracted the laymen, commercial growers, entrepreneurs and scientists. Floral diversity and long shelf life of their bewitchingly beautiful flowers, have contributed significantly to the development of international trade in cut-flowers and pot-plants. Many species of orchids have also been used in traditional system of medicine throughout the world for the treatment of various kinds of ailments. With the advancements in the conventional and biotechnological methods, the orchid based vocations are booming. But, due to lack of awareness, over-exploitation and habitat destruction, these plants are becoming endangered. Therefore, for their conservation and sustainable development, there is an urgent need for, creating awareness about these important plants and assessing their biological status and importance and subsequently developing effective methods for their propagation.

**The Orchid Society of India (TOSI)** established in 1984 and registered under the Societies Registration Act with its Headquarters at Botany Department, Panjab University, Chandigarh aims at i) promoting awareness about scientific and commercial importance of orchids; ii) gathering and disseminating information on various aspects of orchidology; iii) projecting the importance of improvement and propagation of Indian Orchids. In order to fulfill these aims, the Society provides a common forum for exchange of ideas amongst the orchid scientists, growers and enthusiasts by organizing meetings, conferences, symposia, lectures, poster exhibition, orchid shows, painting competition regarding orchids, at regular intervals. The society is now organizing a three day "**National Conference on Orchids Science and Commerce: Integration of Medicinal Orchids, Sustainable Development and Societal Benefits**" jointly with and at School of Biotechnology, Shri Mata Vaishno Devi (SMVD) University, Karyal, Katra (J&K), during February 13-15, 2015. An optional post-conference visit is also being planned to Shri Mata Vaishno Devi Shrine/Patni Top/Local sightseeing (Jammu) on February 15, 2015

## CONFERENCE

The Conference shall address itself to different aspects of Orchid diversity, assessment and taxonomy; Biology and ecology; propagation, Improvement, and conservation; Medicinal Importance, commercialization and societal benefits. Several leading orchid scientists, growers, entrepreneurs, enthusiasts, and policy planners are expected to participate and deliberate on the conference theme. Besides the Inaugural and Plenary sessions, it will comprise 4 technical sessions. Each technical session will have 1-2 Lead Lectures (20-25 min duration including 5 min for discussion), by invited speakers followed by some contributed papers (10-15 min duration). Facilities of overhead and LCD projectors shall be available. The contributed papers shall be selected on merit and some of these will be allocated to poster session, which shall be a major attraction of the conference. For each poster presentation, 1m<sup>2</sup> area shall be made available. The outstanding posters shall be awarded. The abstracts of the lectures and accepted papers will be made available during the conference and the full papers shall be published in the conference proceedings/special volume of **J. Orchid Soc. India**.

### **ON THE SPOT PAINTING COMPETITION (February 13, 2015)**

An On The Spot Painting Competition is also being organized under different categories (School children, UG & PG students and open for all), with a view to creating awareness about the orchids at grass root level, under the program. In case of school children, the entries shall be invited under further 3 sub-categories depending upon to the class groups for school children (1-4, 5-7, 8-12). The paintings will be adjudged by an expert committee and in each category, two prizes will also be given.

### **ORCHID SHOW (February 13-15, 2015)**

An orchid show based on live plants, photographs and paintings has also been planned with a view to creating awareness and educating about the importance of genetic diversity of orchids. Many orchid species and hybrids shall be exhibited besides those that are botanically, medicinally and economically significant. Some of the highly esteemed institutes/organizations/commercial growers have confirmed their participation. We do hope that the wonderful show of orchid flowers and plants shall delight everyone, both participants and visitors.

On behalf of TOSI, and on my own behalf, I have the pleasure to invite you very cordially to participate in the conference and enrich its proceedings by contributing research paper in any of the listed themes of the conference. I am sure that despite your very busy schedule, it shall be possible for you to accept this invitation and confirm your participation by mailing the enclosed Registration Form.

You are also requested to send the abstract(s) of your paper(s), latest by December 10, 2014 to Secretary TOSI, Convener cum Organizing Secretary of the Conference, Department of Botany, Panjab University, Chandigarh-160 014. An electronic version of the abstract may also be sent through an e-mail (ptosichd@yahoo.com).

**Full papers conforming to the style and format of *J. Orchid Soc. India* may please be submitted to our office, i.e., Secretary & Editor, The Orchid Society of India, Department of Botany, Panjab University, Chandigarh-160 014, latest by December 20, 2014.**

**Prof. Promila Pathak**  
Convener & Organizing Secretary

## **ABOUT SHRI MATA VAISHNO DEVI UNIVERSITY(SMVDU), KAKRYAL, KATRA (J&K)**

The Shri Mata Vaishno Devi University, commonly referred to as SMVD University, is a Central Funded University on an 470-acre (190 ha) campus located near Katra (J&K). It is situated near the Shrine of the Mata Vaishno Devi, after which it is named, and has witnessed remarkable growth. The university is fully residential and provides technical education in the field of Engineering, Science, Management, Philosophy and other subjects of contemporary importance, with all technical courses recognised by AICTE, CIC, COA. With the focus on higher learning & research, SMVDU has established itself in the league of eminent institutions of learning in the country. The university is situated on spectacular location – a plateau surrounded by mountains on three sides in the foothills of 'Trikuta' Range where the world famous shrine of Mata Vaishno Devi is located. It is a self-contained township with most facilities available in-house. The surrounding green hills and the perennial stream of Jhajjar in the East minimize the effects of hot and cold winds and produce a pollution free atmosphere on the campus. The average day temperature in summer is around 35°C, 4°C lesser than the surrounding areas of Jammu region and the maximum and minimum temperatures in winter are about 14°C and 5°C respectively.

### **Information for Visitors**

SMVDU Campus is located 14 kms short of the holy town of Katra and about 40 kms from Jammu, which is extremely well connected by Road, Rail & Air. One can reach SMVDU campus by local or private transport from Jammu. The weather at the time of the Conference is a bit chilly with an average temperature of 10-16 °C.

**Option 1:** Taxi can be availed from Railway Station/Bus Stand/Airport directly to University Campus (Distance approximately 45 kms.)

**Option 2:** Bus can also be availed from Jammu Bus Stand/Railway Station plying to Udhampur/Katra but alight at Domel (Approx. 39 kms.). Mini Bus from Domel to University (Approx. 6 kms.)

### **REGISTRATION**

The conference is open to all interested in orchids but it is obligatory for the participants to register themselves. The registered delegates shall be entitled to conference kit, attendance in all sessions, and visits to Orchid Show. The registration fee shall be charged as per the following schedule.

<b>Category</b>	<b>Early Birds</b> (Till. December 31, 2014)	<b>Registration</b> (w.e.f. January 1, 2015)
TOSI Members	Rs. 2000/-	Rs. 2500/-
Non-members	Rs. 2500/-	Rs. 3000/-
Spouses/ students/ accompanying persons	Rs. 1500/-	Rs. 2000/-

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**REGISTRATION FORM**

**I am attending the conference as**

**Please tick**

- a) Observer delegate  
b) Paper presenter (oral/poster)

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

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

Telephone \_\_\_\_\_ Mobile \_\_\_\_\_

E-Mail \_\_\_\_\_

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

Presenting author:

I will be accompanied with \_\_\_\_\_ / none

Date of Arrival \_\_\_\_\_ / departure \_\_\_\_\_

Accommodation required \_\_\_\_\_ Yes/No \_\_\_\_\_

Type \_\_\_\_\_ Hotel/Guest House

Whether interested for visit to Shri Mata Vaishno Devi Shrine/Patni Top/Local  
sightseeing (Jammu) on February 15, 2015 \_\_\_\_\_ Yes/No

Registration fee of Rs. \_\_\_\_\_ sent through \_\_\_\_\_

DD\*/Cheque\*\* No \_\_\_\_\_ dated \_\_\_\_\_

Date:

Signature

\* DD/ Cheque should be made in favour of Secretary, The Orchid Society of India (TOSI), Chandigarh.

\*\*For outstation cheques, please add Rs. 80/- as bank charges.

The duly filled form along with registration fee should be sent to Prof.(Dr.) Promila Pathak, Secretary  
& Editor TOSI, Botany Department, Panjab University, Chandigarh, 160 014 (U.T.).



**Professor (Dr.) Promila Pathak**  
**Convener cum Organizing Secretary, National Conference on Orchids Science**  
**and Commerce: Integration of Medicinal Orchids, Sustainable Development**  
**and Societal Benefits & Orchid Show**  
**Secretary & Editor TOSI**  
**Department of Botany**  
**Panjab University, Chandigarh - 160 014 (U.T.)**

## PROGRAMME

### CONFERENCE

February 13, 2015

Registration

Inauguration

**Technical Session I.** Orchid Diversity, Assessment, and Taxonomy

**Technical Session II.** Orchid Biology and Ecology

TOSI General Body Meeting

February 14, 2015

**Technical Session III.** Propagation, Improvement, and Conservation

**Technical Session IV.** Medicinal Importance, Commercialization, and Societal Benefits

**Concluding Session/ Wrap up, Prize distribution and Recommendations**

**Poster Session** (February 13, 2015), **Orchid Show** (February 13-15, 2015), and **Painting Competition** (February 13, 2015)

### PROPOSED LIST OF SPEAKERS

**Technical Session I.** Orchid Diversity, Assessment, and Taxonomy

Dr. Paramjit Singh, Kolkata

Dr. C. Sathish Kumar, Thiruvananthapuram

Dr. H.J. Chowdhery, Dehradun

Dr. A.N. Rao, Imphal

Dr. D.R. Singh, Port Blair

Dr. P.K. Hajra, Dehradun

Dr. S.J. Phukan, Guwahati

Dr. Sarat Misra, Bhubaneswar

Dr. T.M. Hynniewta, Shillong

Dr. Jagdeep Verma, Solan

**Technical Session II.** Orchid Biology and Ecology

Dr. J.R. Bhatt, New Delhi

Dr. L.M.S. Palni, Nainital

Dr. Prem Uniyal, Delhi

Dr. Rajesh Tandon, New Delhi

Dr. S.M. Khasim, Nagarjuna Nagar

Dr. R.P. Medhi, Pakyong

Prof. Promila Pathak, Chandigarh

Prof. S.B. Babbar, New Delhi

Dr. S.S. Samant, Kullu

Prof. S.K. Chaturvedi, Nagaland

Dr. N. Shekhar, Faridkot

Dr. Jaspreet Sembi, Chandigarh

**Technical Session III.** Propagation, Improvement, and Conservation

Prof. P. Tandon, Shillong

Dr. P.G. Latha, Thiruvananthapuram

Dr. Anil Sood, Palampur

Dr. C.R. Deb, Nagaland

Dr. M.M. Hossain, Bangladesh

Prof. Bijaya Pant, Nepal

Dr. H.B. Singh, Delhi

Dr. D. Barman, Pakyong

Dr. S. Kaur, Chandigarh

Dr. M.U. Shareif, Salem

Dr. L.C. De, Pakyong

Dr. Ram Pal, Pakyong

**Technical Session IV.** Medicinal Importance, Commercialization, and Societal Benefits

Mr. Dilip K. De, Mumbai

Dr. P.K. Rajeevan, Kerala

Dr. K.C. Mahant, Shimla

Mr. Mohan Pradhan, Kalimpong

Dr. Kavita Tyagi, Delhi

Dr. N.S. Chauhan, Solan

Dr. S.N. Hegde, Bangalore

Mr. U.C. Pradhan, Kalimpong

Prof. Purshotam Kaushik, Haridwar

Dr. B.D. Sharma, Shimla

Dr. Sunil Dutt, Delhi

Dr. O.P. Sharma, Jammu

### ACCOMODATION

Limited accommodation in the Hotels/Guest Houses/Hostels is being arranged and it shall be offered on first come first serve basis. Address your requirement to: **Prof.(Dr.) Promila Pathak, Convener cum Organizing Secretary** (ptosichd@yahoo.com) with a copy to **Dr. Sharada M Potukuchi** (babasharada@gmail.com).

## NATIONAL ORGANIZING COMMITTEE

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Local Organizing Secretary

### SPONSORS

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- National Horticultural Board, Gurgaon
- National Medicinal Plants Board, New Delhi
- Department of Biotechnology (Govt. of India), New Delhi
- Department of Environment & Forests (Govt. of India), New Delhi
- Council of Scientific and Industrial Research New Delhi



**For further information, please contact:**

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