

18<sup>th</sup> Annual Convention of Society of Pharmacognosy  
on



# “Promotion and Globalisation of Indian Herbal Products- Perspectives and Prospects”

On February 21-22, 2014

Organised By:



Department of Pharmaceutical Sciences  
Maharshi Dayanand University  
(A' Grade University Accredited by NAAC)  
Rohtak



SOCIETY OF PHARMACOGNOSY  
Formerly Indian Society of Pharmacognosy

Venue - Tagore Auditorium, Maharshi Dayanand University



18<sup>th</sup> Annual Convention of Society of Pharmacognosy on

## “Promotion and Globalisation of Indian Herbal Products- Perspectives and Prospects”

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ISP-2014

### About the Conference

Globalization is a process of increasing the connectivity and interdependence of the world market and business. This process seems to be accelerated in the last two decades as technological advances make it easier for people to travel, communicate and do business internationally. The use of plants as medicines predates written human history. Ethnobotany (the study of traditional human uses of plants) is recognized as an effective way to discover future medicines. In 2001, researchers identified 122 compounds used in modern medicine which were derived from "ethnomedical" plant sources; 80% of these have had an ethnomedical use identical or related to the current use of the active elements of the plant. Many of the currently available drugs have a long history of use as herbal remedies.

The use of herbs to treat disease is almost universal among non-industrialized societies, and is often more affordable than purchasing expensive modern pharmaceuticals. The World Health Organization (WHO) estimates that 80 percent of the population of some Asian and African countries presently uses herbal medicine for some aspect of primary health care. Studies in the United States and Europe have shown that their use is less common in clinical settings, but has become increasingly more in recent years as scientific evidence about the effectiveness of herbal medicine has become more widely available.

The annual turnover of the Indian herbal medicinal industry is about Rs. 2,300 crore with a growth rate of about 10 percent annually. The export of medicinal plants and herbs from India has increased in the last few years but not significantly as Chinese herbal industry and few other developing countries despite of the fact that India is has well-recorded and well-practiced knowledge of traditional herbal medicines. There may be several factors behind this like, lack of well-documented traditional use, single-plant medicines, medicinal plants free from pesticides, heavy metals etc., standardization based on chemical and activity profile and well framed regulatory aspects. But still there is an enormous scope for India to emerge as a major player in the global herbal product based medicine.

Let us hope that drug manufactured in accordance with principles of Ayurveda, Siddha and Unani will reach new horizons and make them the best in the world if the quality and efficacy of the herbal drugs is maintained. Then there is nothing to stop them from competing with the modern medicine with added advantages of fewer side effects and lower costs.

Present convention is planned to discuss various issues related to the globalization of Indian herbal products and the necessary steps to be taken in future. The present convention will have a rarely happened combination of experts and delegates from academia, industry, regulatory, ministry and funding and planning agencies at a single platform to share their views.



## Objectives

The main objective of this convention is to address and deliberate various issues for the promotion and development of Indian herbal products for better acceptance at global level.

### Topics to be covered

- The present status of herbal market in India- Existing systems, schemes, models and best practices
- Globalisation of herbal products- Scope, challenges, opportunities and development Strategies
- Quality evaluation and value addition of natural products with formulation development, quality control and analysis of natural products.
- Legal policy framework on traditional knowledge protection and IPR issues
- Cultivation of medicinal plants- Policies and viabilities
- Academic and industrial herbal research – Quality analysis and directions for global acceptance
- Entrepreneurship in herbal industry – Scope, govt initiatives and financial viabilities
- Regulatory framework- Recent guidelines, lacunas and future needs

### Expected Outcome

This is a unique convention planned on this topic and very less attempts have been made on this core issue. The contents of the event are selected carefully and will be strictly adhered during the convention. It is planned and expected that the key issues as mentioned above will be addressed by leading experts from the respective field. So definitely some important deliberations will come out which will be communicated to the suitable authorities for further development of the herbal sector in future. Since there will be enough participation of the industry persons and the professional from regulatory affairs apart from leading academicians of the country, this will prove as a suitable platform for future collaborations in the field of manufacturing, export and research avenues of herbal products.

### Who Should Attend

All the professionals e.g. pharmacists specially pharmacognosists, botanists, biochemists, pharmacologists, biotechnologists and all related who are involved in the herbal research in academic institutions as faculty members, PG students, PhD research scholars and scientists.

Professionals from herbal industries working in the various fields like cultivation, value added products, manufacturing, R & D, analytical, processing etc.

Professionals from regulatory agencies, govt funding agencies, scientific publication agencies, planning and co-ordination departments etc.

All other who are interested and associated with trade and practice of herbal and alternative medicines.

## Programme Schedule

### Day –I (February 21, Friday)

Registration and Tea	:	8.00 to 9.30 a.m.
Inauguration	:	9.30 to 11.00 a.m.
Tea Break	:	11.00 to 11.15 a.m.

### Technical session-1

Plenary Lecture-I	:	11.15 to 12.00 p.m.
Plenary Lecture-II	:	12.00 to 12.30 p.m.
Plenary Lecture-III	:	12.30 to 1.00 p.m.

Lunch	:	1.00 to 2.00 p.m.
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### Technical session-2

Plenary Lecture-IV	:	2.00 to 2.30 p.m.
Plenary Lecture-V	:	2.30 to 3.00 p.m.
Short Lectures	:	3.00 to 4.00 p.m.

Tea Break	:	4.00 to 4.15 p.m.
Poster presentation	:	4.15 to 6.00 p.m.
Cultural event	:	6.15 to 8.00 p.m.
Conference Dinner	:	8.00 p.m. onwards

### Day –II (February 22, Saturday)

Breakfast	:	8.30 to 9.30 a.m.
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### Technical session-3

Plenary Lecture-VI	:	9.30 to 10.00 a.m.
Plenary Lecture-VII	:	10.00 to 10.30 a.m.
Plenary Lecture-VIII	:	10.30 to 11.00 a.m.
Tea Break	:	11.00 to 11.15 a.m.

Plenary Lecture-IX	:	11.15 to 12.00 p.m.
Short Lectures	:	12.00 to 1.00 p.m.

Lunch	:	1.00 to 2.00 p.m.
Poster presentation	:	2.00 to 3.45 p.m.
Tea	:	3.45 to 4.00 p.m.
Valedictory Function	:	4.00 to 5.00 p.m.



## Local Organizing Committee

Patron	Chairman	Convener
<b>Er. H. S. Chahal</b> Vice Chancellor, M.D. University, Rohtak	<b>Prof. Arun Nanda</b> Dean, Faculty of Pharmaceutical Sciences, M.D. University, Rohtak	<b>Dr. B. Narasimhan</b> Head, Department of Pharmaceutical Sciences, M.D. University, Rohtak
Organising Secretary	Joint Secretary	Scientific Conveners
<b>Dr. Munish Garg</b>	<b>Dr. Harish Dureja</b>	<b>Dr. Sanju Nanda</b> <b>Dr. Neeraj Gilhotra</b>
Co-ordinators		
<b>Registration and Scientific Content</b>	Deepak Kaushik, Vineet Mittal, Dr. Anurag Khatkar	
<b>Publication and Communication</b>	Vikas Budhwar, Dr. Govind Singh, Dr. Vandana Garg	
<b>Finance and Purchase</b>	Rakesh Marwaha, Dr. Mahesh Kumar	
<b>Hospitality and Accommodation</b>	Dr. Anju Dhiman, Dr. Prabhakar Verma, Saloni Kakkar	

## Advisory Committee

Prof. Ravinder Vinayak	Prof. J. P. Yadav	Prof. S. K. Bansal
Prof. S. K. Gakhar	Prof. Vinita Shukla	Prof. Gulshan Taneja
Prof. S. P. Khatkar	Dr. A. K. Chillar	Dr. Vikas Hooda
Prof. P. K. Jaiwal	Prof. C. S. Pundir	Dr. Ritu Yadav
Prof. Minakshi Vashisht	Prof. Rajbir Singh	Dr. Raj Kumar
Dr. Rajiv Kapoor	Prof. Pushpa Dahiya	Prof. Prem Prakash
Dr. Anita Sehrawat	Prof. K. K. Verma	Prof. Mehtab Singh
Prof. V. K. Goel	Prof. V. K. Sharma	Dr. Rajvinder Singh
Prof. Rajesh Dhankar	Dr. Sunil Yadav	Dr. S. K. Tiwari
Dr. B. S. Yadav	Dr. Sumit Gill	Prof. Sunita Malhotra
Dr. Ashish Dahiya	Prof. Promila Batra	Dr. Shalini Singh
Dr. Sunit Mukherjee	Prof. Jitender Prasad	Dr. Pratyosh Shukla

## Office Bearers of ISP

### President

Prof. V. K. Dixit

### National Advisor

Prof. C. K. Kokate

### Vice Presidents

Prof. S. H. Mishra

Prof. P. G. Yeole

Prof. A. N. Kalia

Prof. B. G. Shivananda

### Honorable Secretary

Prof. A. K. Pathak

### Joint Secretaries

Dr. Vimal Kumar

Dr. Umesh K Patil

### National Co-ordinators

Dr. Abhay Singhai

### Treasurer

Dr. Mukul Telang

## Members Executive Council of Society of Pharmacognosy

Dr. S.H. Ansari	Delhi
Dr. S.B. Gokhale	Maharashtra
Dr. S. Saraf	Chhattisgarh
Dr. Umesh K. Patil	Madhya Pradesh
Dr. S.C. Mandal	West Bengal & North East
Dr. T.Satyanarayan	Andhra Pradesh
Dr. M.B. Patil	Goa
Dr. N.M.Patel	Gujarat
Dr. S. Sardana	Harayana
Dr. S.K.Sharma	Hryana
Dr. S.P. Dhanabal	Tamil Nadu & Kerala
Dr. Sunil Jalalpure	Karnataka
Dr. Julfikar A. Bhat	Jammu & Kashmir
Dr. Milind Umekar	Maharashtra, Dadar & Nagar Haveli
Dr. Kumud Upadhyay	Uttaranchal
Mr. Alok Mukharjee	Uttar Pradesh
Mr. H. Mukhtar	Punjab
Dr. K.N.Patel	Diu-Daman
Mr. C.S.Bhargava	Bihar
Mr. H.S. Lamba	Himachal Pradesh
Dr. C. Veeresham	Andhra Pradesh & Jharkhand
Dr. R.V.Savadi	Lakshdweep
Dr. G.K. Das	Orissa
Mr. Rakesh Patel	Andman & Nicobar



## The Society

The Society of Pharmacognosy (ISP) is an organisation of scientists working in the field of Pharmacognosy with an objective to establish vital link between traditional knowledge of Ethnomedical practice and its utility in modern medicine through science. The scientists working in the area of phytochemistry, quality control and quality assurance of herbal drugs, herbal formulations and their clinical validation constitutes the strength of Society of Pharmacognosy.

The Society endeavors to provide the Indian pharmacognosists and pharmaceutical Scientists with International exposure by organizing lectures and curriculum by acclaimed scientists in this field. The Indian Journal of Natural Products (IJNP) a quarterly journal of the society is regularly publishing scientific articles.

## The University

Established in 1976, Maharshi Dayanand University, Rohtak is an important milestone in the development of higher education in Haryana. NAAC Accredited with Grade "A", the University has taken long strides over the last 36 years, as it offers 84 undergraduate and postgraduate courses in 39 disciplines and permits pursuit of research in as many areas. The University is currently encouraging inter-disciplinary higher education and research to spread knowledge to every strata of the society. It aims at creating an innovative, value-based, and research-oriented world-class learning environment and establishing itself as a centre of excellence.

## The Department

Department of Pharmaceutical Sciences (Estd. 1995) now considered as one of the most prestigious institute imparting pharmacy education and research in India. Offering PG courses in five disciplines apart from UG course, it enjoys the status of most sought courses for admissions among the aspirants. It is equipped with sophisticated instruments like HPLC, HPTLC, GC, TGA analyser, DSC, spray dryer, Lyophiliser etc. to carry out advanced research in the thrust areas like novel drug delivery, herbal analysis, pharmacological screening and medicinal chemistry etc. The department is having dedicated faculty members with wide experience.

## The City Rohtak

Rohtak is known as political capital of Haryana. The town has been flourishing ever since the creation of Haryana state in 1966, and is now known as the education hub of the state. The town has premier institutions like Maharshi Dayanand University, Pt. Bhagwat Dayal Sharma Post-Graduate Institute of Health Sciences and Indian Institute of Management (IIM) besides, some institutions of national importance i.e. Institute of Hospitality and Catering Technology, State Institute of Fashion Design, State Institute of Film and Television, and State Institute of Fine Arts. Additionally, there are 10 colleges of general education, 7 Engineering Colleges, 2 Law Colleges, 7 Management Institutes, 2 Ayurvedic Colleges, 12 Colleges of Education, 2 Polytechnics, 1 ITI, and a host of good public schools in the town. Rohtak town and its surroundings have some monuments of medieval and ancient times evocative of its past history.

## How to Reach

A medium sized town, it is strategically located about 75 kms West of Delhi on the Delhi-Ferozepur railway route and Delhi-Hisar-Ganganagar National Highway No. 10. It is well connected by rail and road. There is only one and half hour road journey from Indira Gandhi International Airport (IGIA), New Delhi, Main Railway station, New Delhi and Inter State Bus Terminus (ISBT) New Delhi. The University is located right on the Delhi bypass, with railway station being just 10 minutes drive from the Campus.

## Visa

Visas are required for all international delegates. You are requested to visit the nearest Indian Embassy or High Commission or their website for further details. If required, official acceptance/ invitation can be sent only after abstracts are accepted for presentation.

## Accommodation

Limited number of accommodation will be available in the Hostels for student delegates on payment basis. They will have to apply alongwith registration form. The conformation will be made in due course and the payment will have to be sent accordingly. Otherwise they will have to make their stay arrangement of their own. For proper guidance, one can send the request at [ispconvention2014@gmail.com](mailto:ispconvention2014@gmail.com) or contact the conference secretariat at phone numbers 9992581437, 7206226042, 7404206900.

## Sightseeing

Rohtak is situated near to the National capital New Delhi and thus surrounded with so many interesting sightseeing places. The information and bookings can be made online conveniently even then if you feel any difficulty or have any specific query, you can send details on [ispconvention2014@gmail.com](mailto:ispconvention2014@gmail.com) or contact at phone numbers 9992581437, 7206226042, 7404206900.





## Key Dates

**Dates of Conference: February 21-22, 2014 (Friday-Saturday)**

ACTIVITY	DATE
First announcement of the conference through e-brochure to the professionals	October 20, 2013
Dispatch of information brochures	October 30, 2013
Submission of abstract starts from	October 20, 2013
Last date for submission of abstract	January 15, 2014
Communication of selected abstracts	January 20, 2014
Communication of the schedule	January 25, 2014
Last date for registration	February 15, 2014

## Registration

### Indian Delegates

	Early bird Registration (Upto Nov. 30, 2013)	From Dec. 1, 2013 to January, 31, 2014
Delegate	Rs. 1000	Rs. 1200
Student and ISP members*	Rs. 800	Rs. 1000
Accompanying person	Rs. 800	Rs. 800
Spot Registration	Rs.1500	

\*Proof to be submitted alongwith Registration form.

### Foreign Delegates

	Early bird Registration (Upto Nov. 30, 2013)	From Dec. 1, 2013 to January, 31, 2014
Delegate	USD 200	USD 250
Students*	USD 150	USD 200
Accompanying person	USD 150	USD 150
Spot Registration	USD 300	

\*Proof to submitted alongwith Registration form.

The registration amount to be sent in the form of demand draft in favor of **ISP-2014** along with duly filled in registration form to the Organising Secretary, ISP Convention 2014, Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak, Pin code 124001, Haryana, INDIA. Registration fee can also be sent through online transfer as per the following details:

Account Number	:	33390328600
Bank	:	State Bank of India
Branch	:	MDU campus, Rohtak
MICR No.	:	124002008
Branch Code	:	04734
IFSC Code	:	SBIN0004734
SWIFT No.	:	SBININBB446

But it will be necessary to send details of the transaction along with registration form. Related queries may be sent at [ispconvention2014@gmail.com](mailto:ispconvention2014@gmail.com) or can be contacted at phone numbers 9315809626, 9812310102, 9671410880.

The registration fee includes participation in the full scientific program, the conference kit, all Breakfast, lunch and coffee break, the conference dinner, and social events.

### Call for Abstracts

The participants are cordially invited for presentations on the main or the related topics of the conference. Abstract should be submitted by due date mentioned separately which will be subsequently reviewed by panel of experts. Notification of acceptance (Oral or Poster) will be mailed to the author on or before January 20, 2013. However, no information will be communicated for rejected abstracts. Number of oral and poster presentations is limited. The abstracts must be original unpublished work. Abstracts must be written in English not exceeding 300 words. It should include title (14 pt, Bold, Upper case), author(s) & affiliations, materials and methods, results and conclusions. Name of the presenting author should be highlighted with Asterisk. The text should be single spaced 12 pt, Arial all through. Abstracts should be submitted via e-mail to the Organising Secretary, to **[ispconvention2014@gmail.com](mailto:ispconvention2014@gmail.com)**. Hard copies of the same along with the registration form and the fees should be submitted to the department. The registration of the student participants must be forwarded by the research guide/Head of the institution/ department.

**Abstract submitted without registration documents and the registration fee will not be entertained. For unaccepted abstracts, the registration fees will be refunded.**

## Poster presentation

The size of the poster should not exceed 120 cm (height) and 90 cm (width). The posters must be prepared in English. Content of the poster should be readable from 1.5 meters.

## Oral presentation

Selected papers on the core theme of the convention will be allowed for oral presentation as decided by the scientific committee which will be communicated on or before January 2014. Maximum time for the oral presentation is 10 min. Computers and projector will be provided by the organizers. The presentation should be in compatible mode of MS Power Point Format.

Related queries may be sent at [ispconvention2014@gmail.com](mailto:ispconvention2014@gmail.com) or can be contacted at phone numbers 9315809626, 9812310102, 9671410880.

For any further queries, please contact:

### **Dr. Munish Garg**

Organising Secretary,  
18<sup>th</sup> Annual Convention of Pharmacognosy  
Associate Professor,  
Department of Pharmaceutical Sciences,  
Maharshi Dayanand University,  
Rohtak 124001, Haryana, INDIA.  
[mgarg2006@gmail.com](mailto:mgarg2006@gmail.com)

# Registration Form

18<sup>th</sup> Annual Convention of Society of Pharmacognosy on  
"Promotion and Globalisation of Indian Herbal  
Products- Perspectives and Prospects"



MAHARSHI DAYANAND UNIVERSITY  
ROHTAK

On February 21-22, 2014

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

Sex: Male / Female

Designation: \_\_\_\_\_

Institute/Organization: \_\_\_\_\_  
\_\_\_\_\_

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

Tel / Mob. No: \_\_\_\_\_ Email: \_\_\_\_\_

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

Category of the scientific work (Please Tick one) :

pharmacognosy/pharmaceutics/pharm chemistry/ pharmacology/DRA/ pharm analysis/others

Schedule of Arrival & Departure :

\_\_\_\_\_

Accommodation required:                      Yes                      No

Amount paid:

I. Registration:

II. Accommodation:

DD/Cheque No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount: \_\_\_\_\_

Bank: \_\_\_\_\_ Place: \_\_\_\_\_

Name and Signature

**Note :** Photocopy of this form can be used if required. Students must attach valid proof along with this form.



MAHARSHI DAYANAND UNIVERSITY  
ROHTAK

## Registration Form

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ISP-2014

On February 21-22, 2014

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

Sex: Male / Female

Designation: \_\_\_\_\_

Institute/Organization: \_\_\_\_\_

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

Tel / Mob. No: \_\_\_\_\_ Email: \_\_\_\_\_

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

Category of the scientific work (Please Tick one) :

pharmacognosy/pharmaceutics/pharm chemistry/ pharmacology/DRA/ pharm analysis/others

Schedule of Arrival & Departure :

Accommodation required: Yes No

Amount paid:

I. Registration:

II. Accommodation:

DD/Cheque No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount: \_\_\_\_\_

Bank: \_\_\_\_\_ Place: \_\_\_\_\_

Name and Signature

**Note :** Photocopy of this form can be used if required. Students must attach valid proof along with this form.